

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX062620\
 Data File : VX016966.D
 Acq On : 25 Jun 2020 20:45
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

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 6/29/2020 12:32:29 PM

Quant Time: Jun 26 08:32:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:15:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	208564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	351001	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	339061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	169698	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	483219	162.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	324.56%	
35) Dibromofluoromethane	5.46	113	369511	187.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	375.40%	
50) Toluene-d8	8.70	98	1368366	167.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	334.26%	
62) 4-Bromofluorobenzene	11.12	95	538770	163.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	326.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	346059	156.942	ug/l	100
3) Chloromethane	1.31	50	377166	157.884	ug/l	100
4) Vinyl Chloride	1.39	62	389889	132.970	ug/l	98
5) Bromomethane	1.62	94	245148	201.791	ug/l	98
6) Chloroethane	1.69	64	257369	143.923	ug/l	100
7) Trichlorofluoromethane	1.90	101	657988	179.677	ug/l	98
8) Diethyl Ether	2.17	74	231124	138.553	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	341837	151.928	ug/l	99
10) Methyl Iodide	2.49	142	445424	180.564	ug/l	98
11) Tert butyl alcohol	3.03	59	446517	713.798	ug/l	100
12) 1,1-Dichloroethene	2.35	96	344649	147.062	ug/l	97
13) Acrolein	2.28	56	384177	946.937	ug/l	99
14) Allyl chloride	2.70	41	658229	157.220	ug/l	99
15) Acrylonitrile	3.12	53	1045637	763.613	ug/l	100
16) Acetone	2.42	43	905339	808.322	ug/l	100
17) Carbon Disulfide	2.54	76	1058378	147.371	ug/l	98
18) Methyl Acetate	2.75	43	443999	136.111	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1244632	148.676	ug/l	100
20) Methylene Chloride	2.83	84	388783	143.337	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	378190	144.852	ug/l	99
22) Diisopropyl ether	3.82	45	1333842	161.289	ug/l	99
23) Vinyl Acetate	3.79	43	6003251	878.238	ug/l	100
24) 1,1-Dichloroethane	3.67	63	700332	149.303	ug/l	99
25) 2-Butanone	4.64	43	1454585	806.801	ug/l	100
26) 2,2-Dichloropropane	4.55	77	570369	139.395	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	425810	144.617	ug/l	98
28) Bromochloromethane	4.98	49	320987	154.620	ug/l	99
29) Tetrahydrofuran	5.09	42	964036	807.889	ug/l	100
30) Chloroform	5.18	83	718980	154.643	ug/l	99
31) Cyclohexane	5.54	56	612288	140.945	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	643797	153.328	ug/l	99
36) 1,1-Dichloropropene	5.77	75	533928	158.319	ug/l	99
37) Ethyl Acetate	4.80	43	593037	172.659	ug/l	100
38) Carbon Tetrachloride	5.76	117	573554	180.939	ug/l	98

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Manual Integrations
 APPROVED

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:15:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	609128	151.010	ug/l	98
40) Benzene	6.11	78	1530776	156.020	ug/l	98
41) Methacrylonitrile	5.01	41	332100	171.707	ug/l	96
42) 1,2-Dichloroethane	6.16	62	589941	167.963	ug/l	100
43) Isopropyl Acetate	6.42	43	989630	175.567	ug/l	99
44) Trichloroethene	7.19	130	401761	135.947	ug/l	99
45) 1,2-Dichloropropane	7.49	63	399048	158.340	ug/l	96
46) Dibromomethane	7.64	93	276161	163.492	ug/l	99
47) Bromodichloromethane	7.88	83	586771	169.577	ug/l	97
48) Methyl methacrylate	7.75	41	484490	174.989	ug/l	99
49) 1,4-Dioxane	7.72	88	176540	2918.544	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	2962275	897.100	ug/l	99
52) Toluene	8.77	92	964648	155.360	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	673048	164.172	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	677443	158.048	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	396018	159.578	ug/l	98
56) Ethyl methacrylate	9.16	69	661020	166.316	ug/l	99
57) 1,3-Dichloropropane	9.35	76	673122	158.564	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1655668	837.590	ug/l	100
59) 2-Hexanone	9.48	43	2206828	881.361	ug/l	99
60) Dibromochloromethane	9.57	129	470625	186.691	ug/l	98
61) 1,2-Dibromoethane	9.65	107	429877	166.619	ug/l	99
64) Tetrachloroethene	9.32	164	349023	109.133	ug/l	98
65) Chlorobenzene	10.12	112	1060422	157.067	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	405353	167.476	ug/l	100
67) Ethyl Benzene	10.24	91	1920090	154.340	ug/l	98
68) m/p-Xylenes	10.34	106	1445955	316.400	ug/l	99
69) o-Xylene	10.68	106	704707	158.590	ug/l	99
70) Styrene	10.70	104	1223335	159.968	ug/l	99
71) Bromoform	10.84	173	331576	195.800	ug/l #	97
73) Isopropylbenzene	11.00	105	1906410	152.694	ug/l	99
74) N-amyl acetate	10.88	43	911930	165.273	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	586611	195.209	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	523538m	143.810	ug/l	
77) Bromobenzene	11.24	156	462869	160.568	ug/l	98
78) n-propylbenzene	11.35	91	2222489	150.570	ug/l	100
79) 2-Chlorotoluene	11.41	91	1275634	146.698	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1594816	150.514	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	222553	141.141	ug/l	97
82) 4-Chlorotoluene	11.49	91	1538522	148.086	ug/l	100
83) tert-Butylbenzene	11.76	119	1526383	166.865	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1584603	145.585	ug/l	99
85) sec-Butylbenzene	11.93	105	1818644	148.983	ug/l	99
86) p-Isopropyltoluene	12.05	119	1653622	148.381	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	809544	152.724	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	806735	148.020	ug/l	98
89) n-Butylbenzene	12.37	91	1546380	147.907	ug/l	100
90) Hexachloroethane	12.58	117	325481	179.468	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	783944	154.051	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	139002	153.483	ug/l	97

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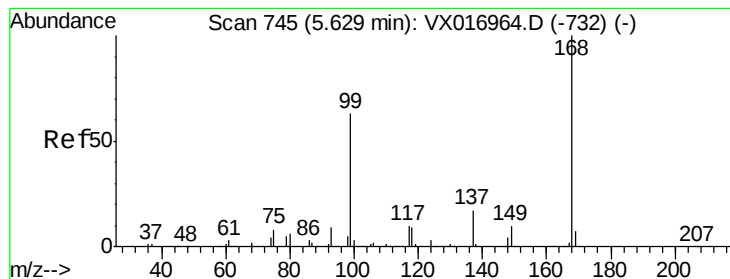
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	531244	160.888	ug/l	99
94) Hexachlorobutadiene	13.76	225	185772	159.281	ug/l	95
95) Naphthalene	13.82	128	1808975	153.174	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	517729	165.154	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 208564

Ion Ratio Lower Upper

168 100

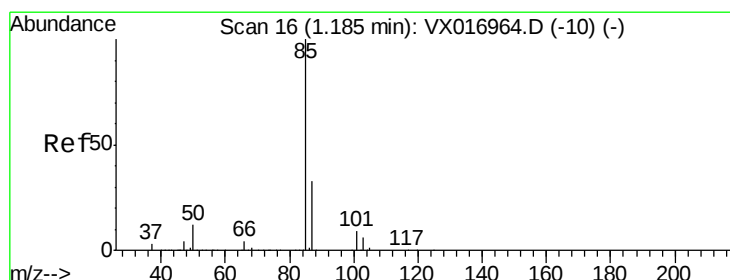
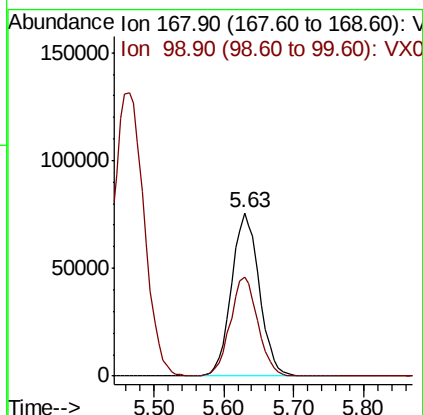
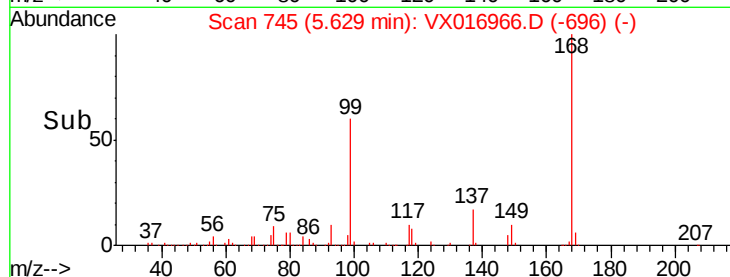
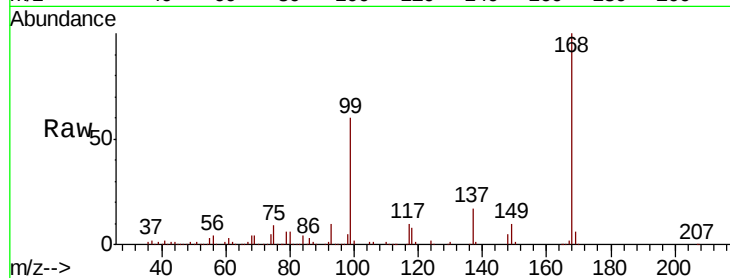
99 60.1 50.2 75.2

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 156.942 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016966.D

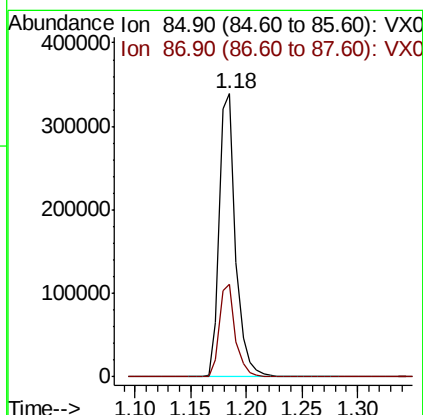
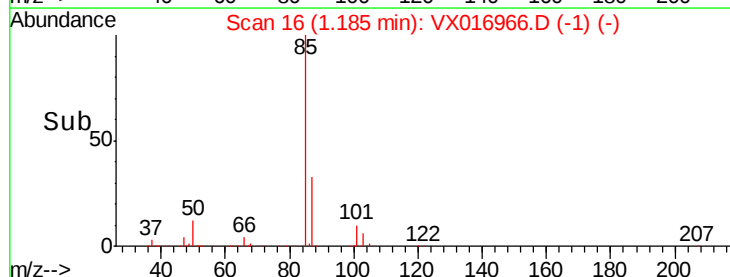
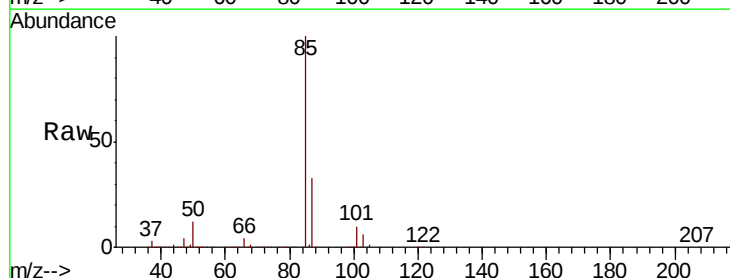
Acq: 25 Jun 2020 20:45

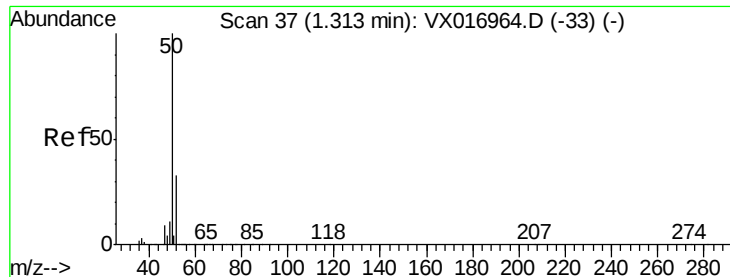
Tgt Ion: 85 Resp: 346059

Ion Ratio Lower Upper

85 100

87 32.8 16.3 48.9





#3

Chloromethane

Concen: 157.884 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 377166

Ion Ratio Lower Upper

50 100

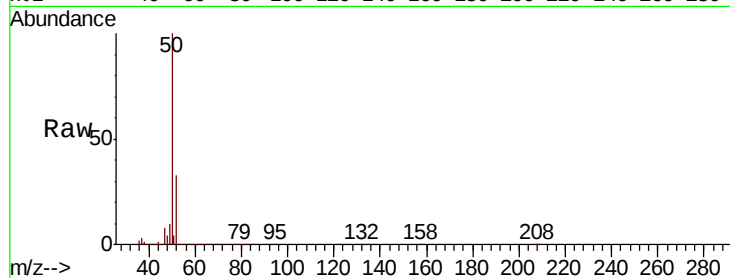
52 33.0 26.6 40.0

Manual Integrations

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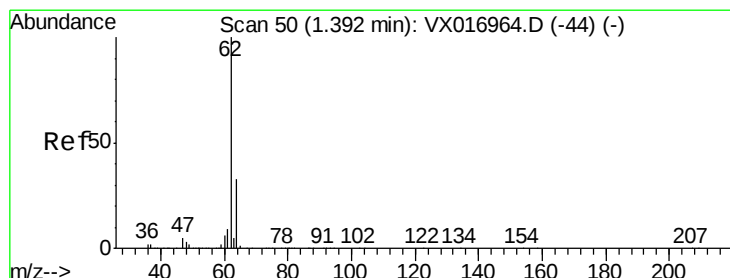
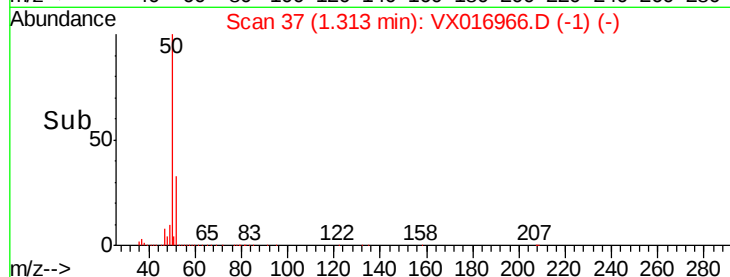
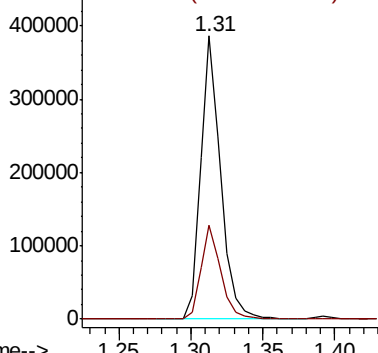
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 132.970 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016966.D

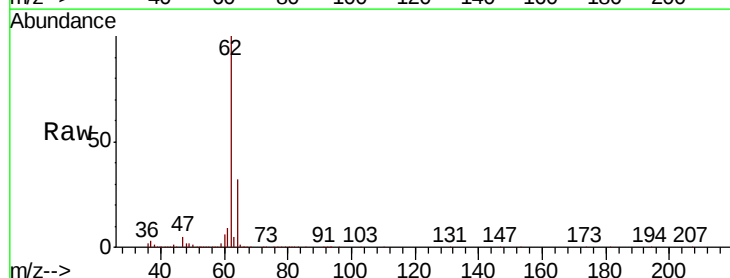
Acq: 25 Jun 2020 20:45

Tgt Ion: 62 Resp: 389889

Ion Ratio Lower Upper

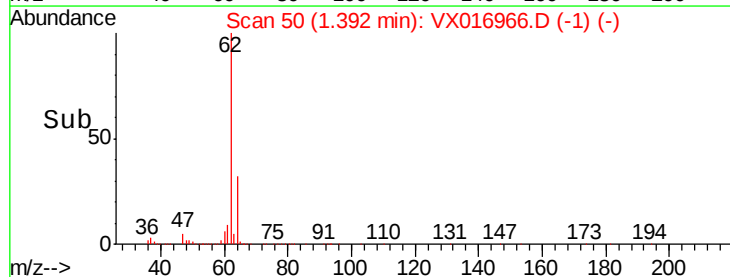
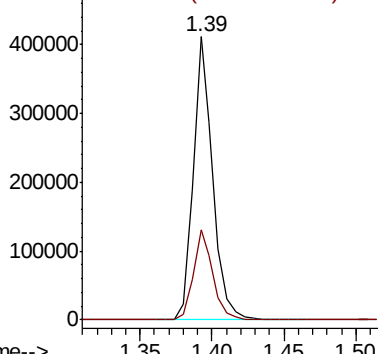
62 100

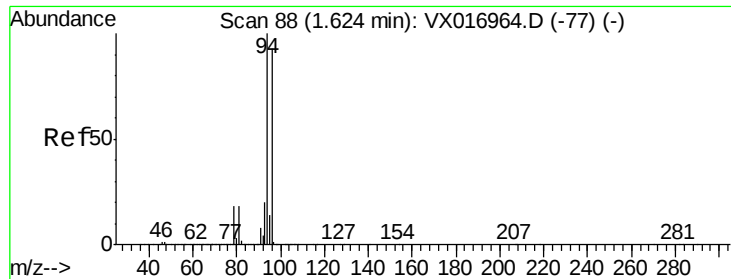
64 31.9 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 201.791 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 245148

Ion Ratio Lower Upper

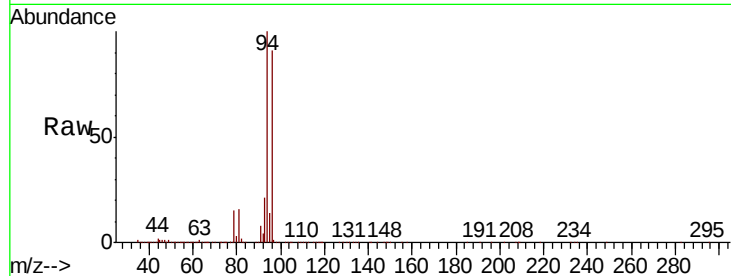
94 100

96 90.6 74.2 111.2

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

250000

200000

150000

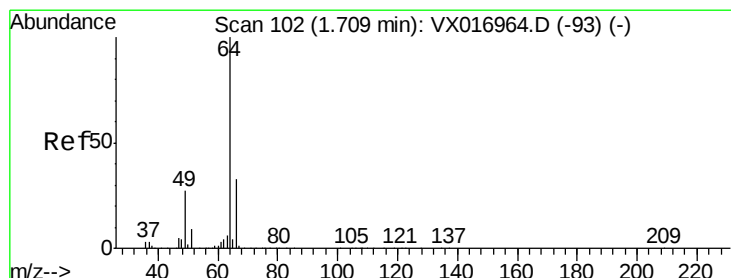
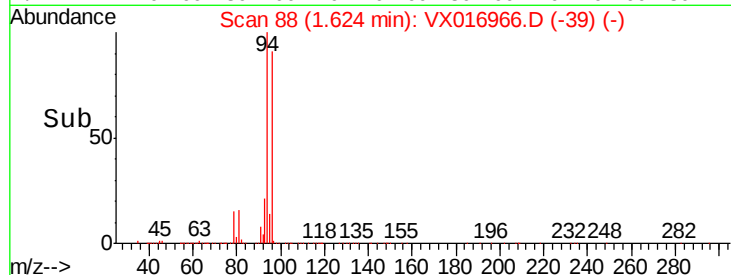
100000

50000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 143.923 ug/l

RT: 1.69 min Scan# 99

Delta R.T. -0.02 min

Lab File: VX016966.D

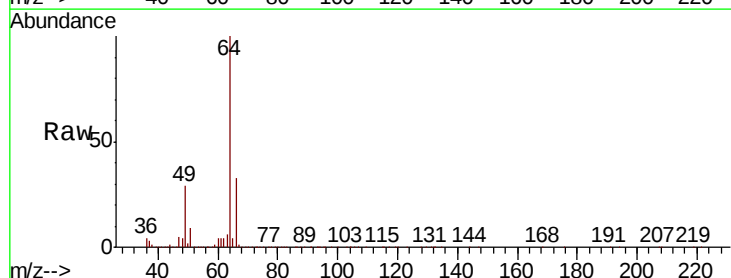
Acq: 25 Jun 2020 20:45

Tgt Ion: 64 Resp: 257369

Ion Ratio Lower Upper

64 100

66 32.5 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

200000

150000

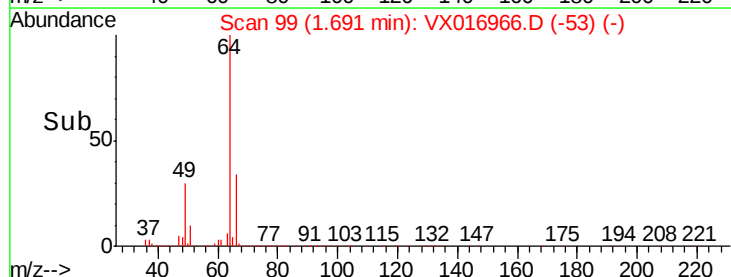
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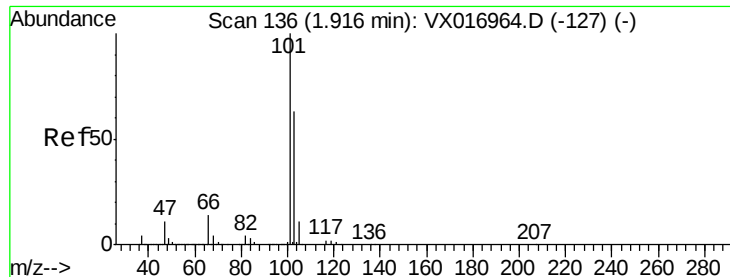
50000

0

1.65 1.70 1.75

Time-->





#7

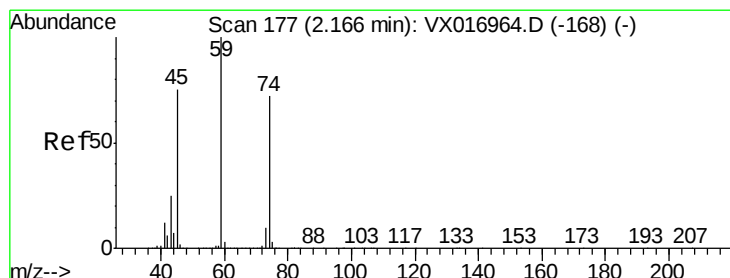
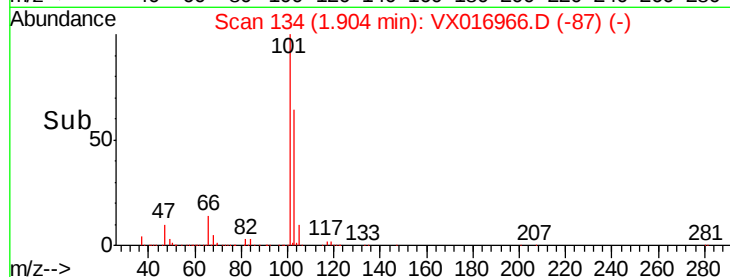
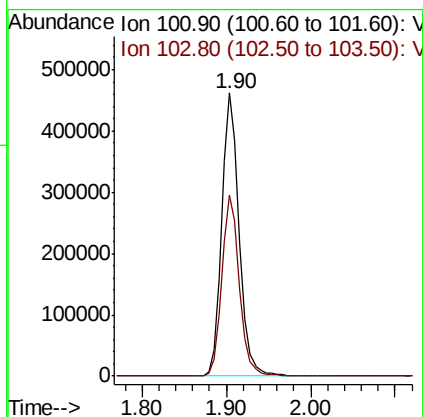
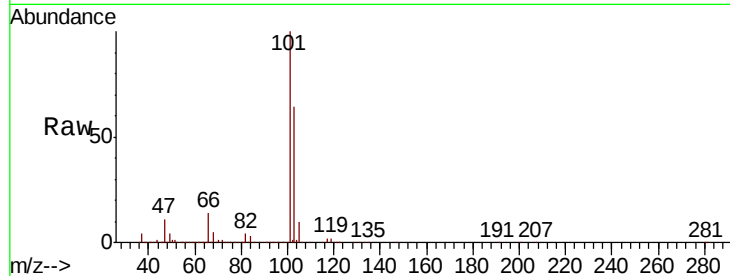
Trichlorofluoromethane
Concen: 179.677 ug/l
RT: 1.90 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	50.2	75.4

Manual Integrations
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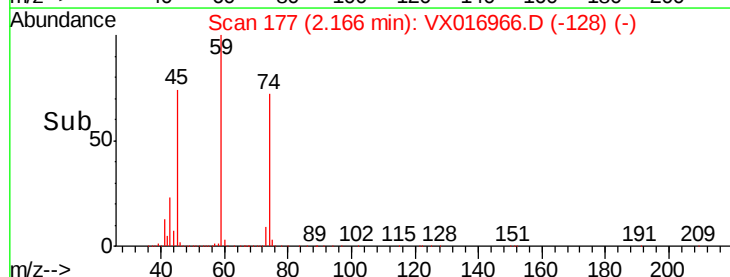
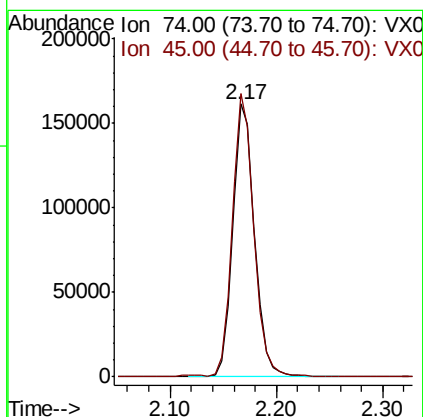
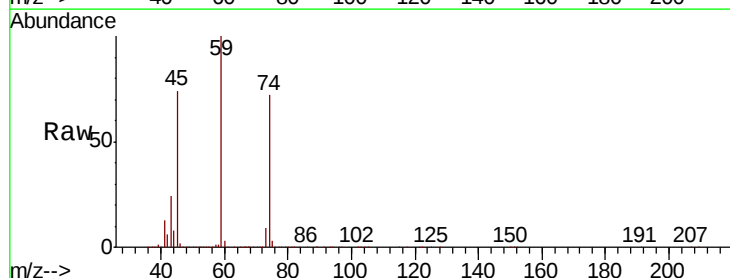
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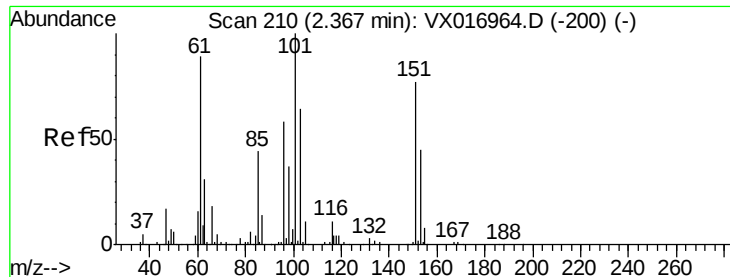


#8

Diethyl Ether
Concen: 138.553 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.3	50.5	151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 151.928 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

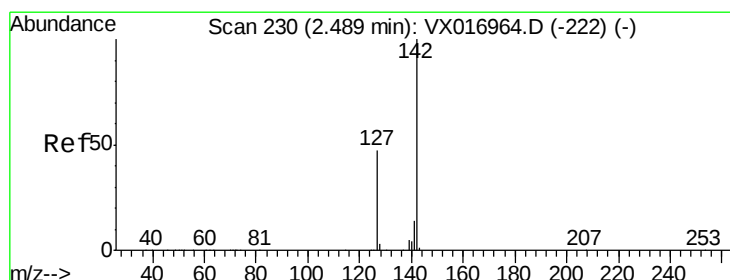
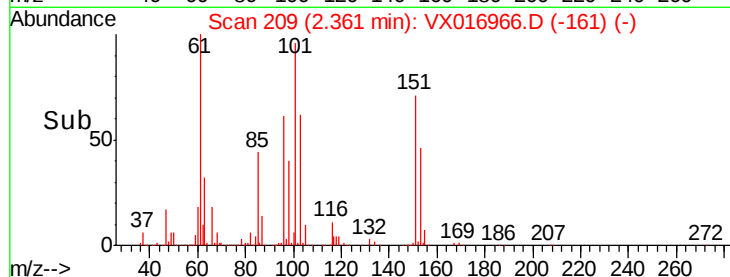
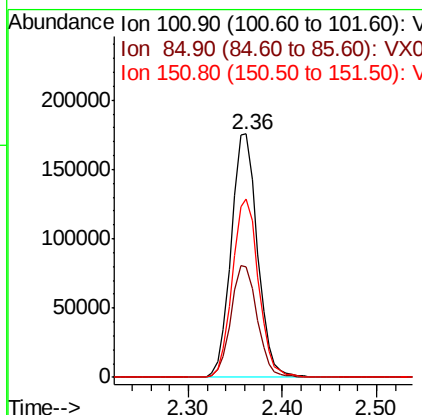
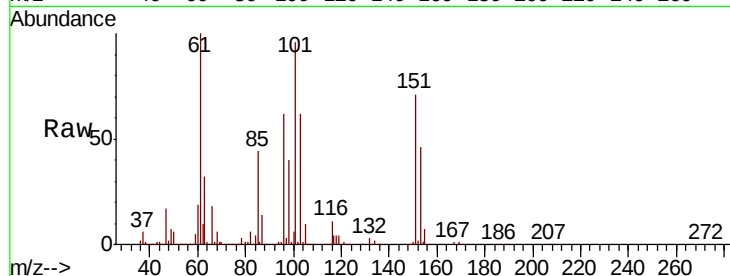
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	341837
Ion Ratio	Lower	Upper	
101	100		
85	46.0	36.8	55.2
151	73.2	59.8	89.6

Manual Integrations
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#10

Methyl Iodide

Concen: 180.564 ug/l

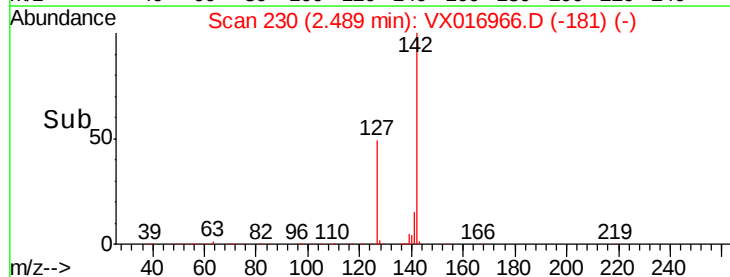
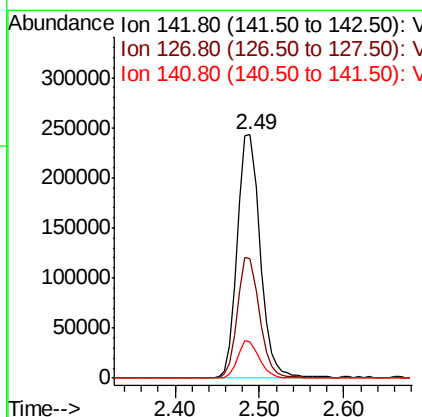
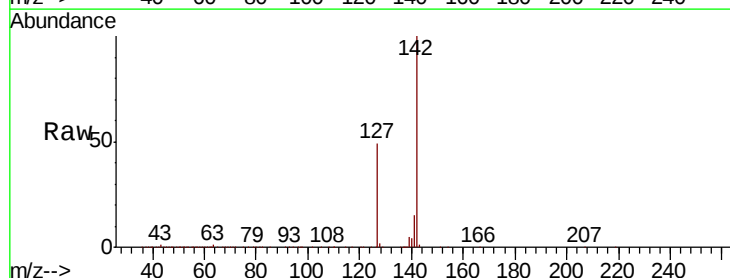
RT: 2.49 min Scan# 230

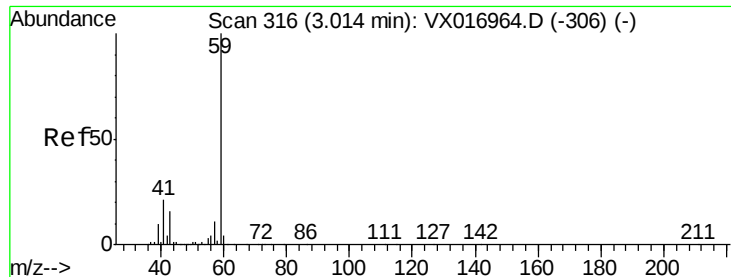
Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Tgt Ion:	142	Resp:	445424
Ion Ratio	Lower	Upper	
142	100		
127	48.0	37.4	56.0
141	14.4	11.7	17.5





#11

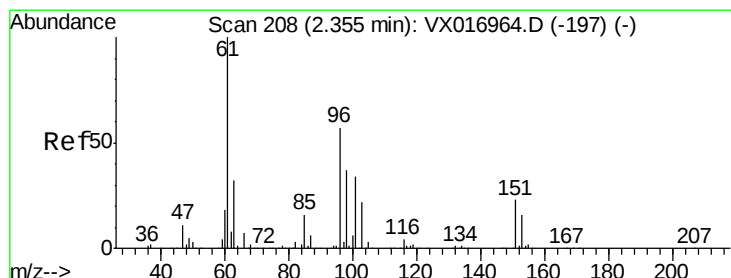
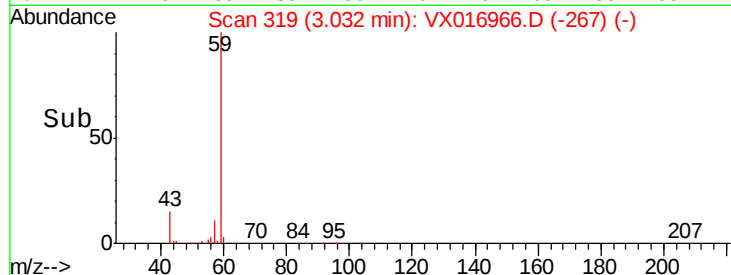
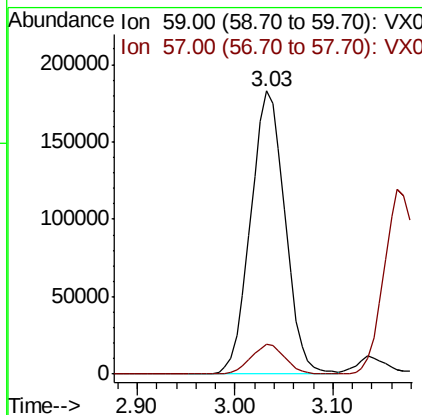
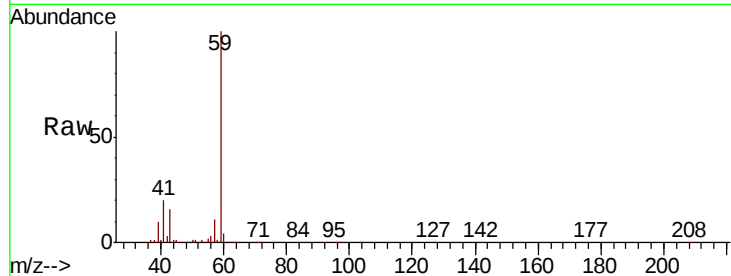
Tert butyl alcohol
Concen: 713.798 ug/l
RT: 3.03 min Scan# 319
Delta R.T. 0.02 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.5	12.7

Manual Integrations
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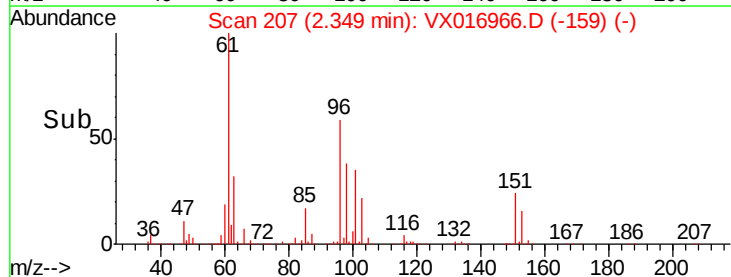
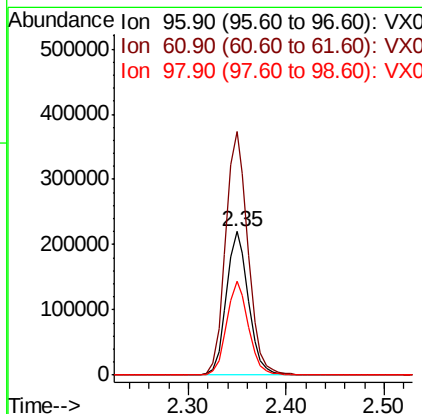
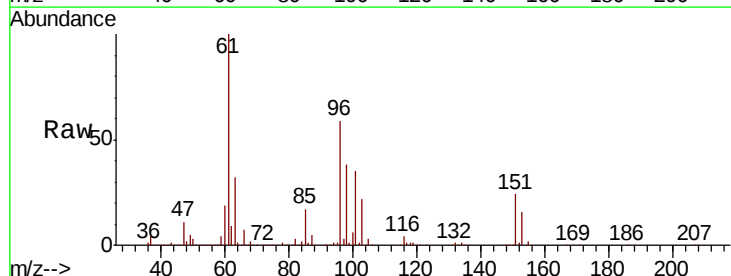
MMDadoda
6/29/2020 12:32:29 PM

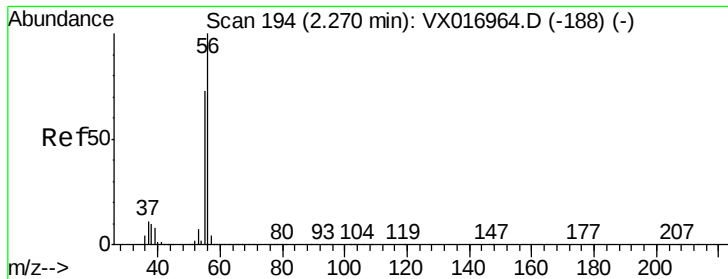


#12

1,1-Dichloroethene
Concen: 147.062 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.0	139.7	209.5
98	65.3	51.0	76.6





#13

Acrolein

Concen: 946.937 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 56 Resp: 384177

Ion Ratio Lower Upper

56 100

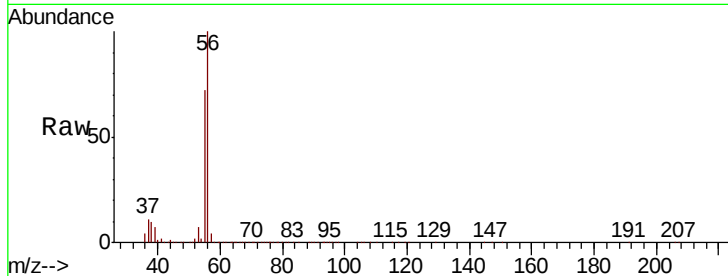
55 71.4 57.5 86.3

Manual Integrations

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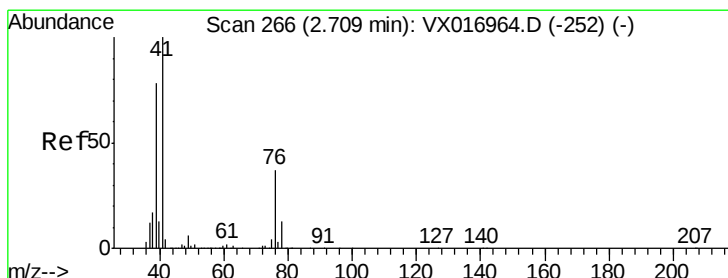
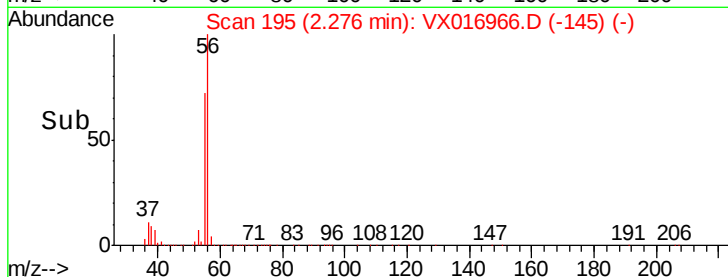
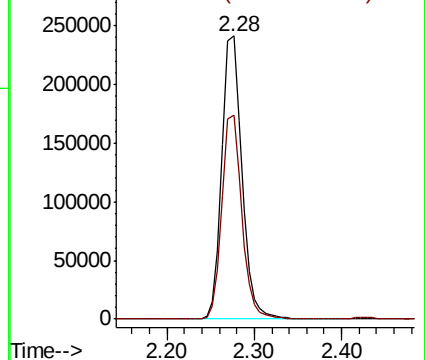
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 157.220 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

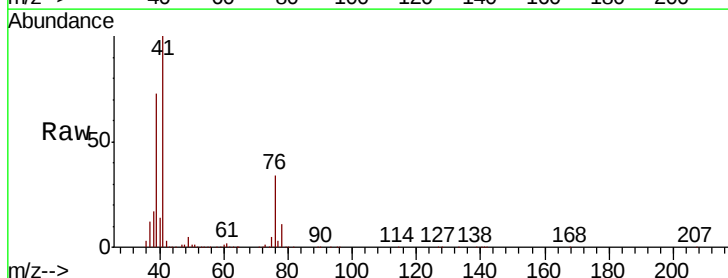
Tgt Ion: 41 Resp: 658229

Ion Ratio Lower Upper

41 100

39 69.5 56.4 84.6

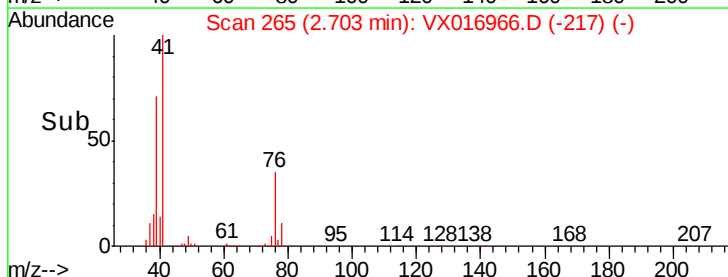
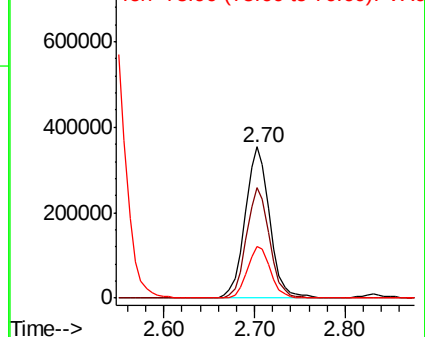
76 32.5 26.5 39.7

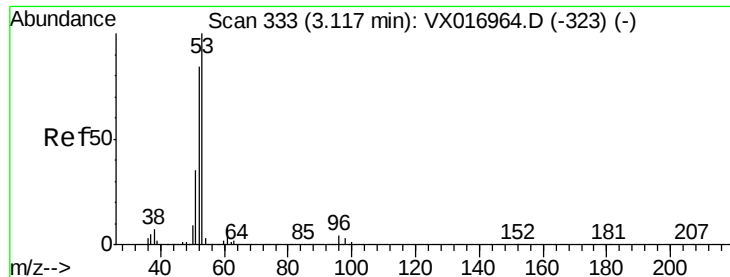


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 763.613 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 53 Resp: 1045637

Ion Ratio Lower Upper

53 100

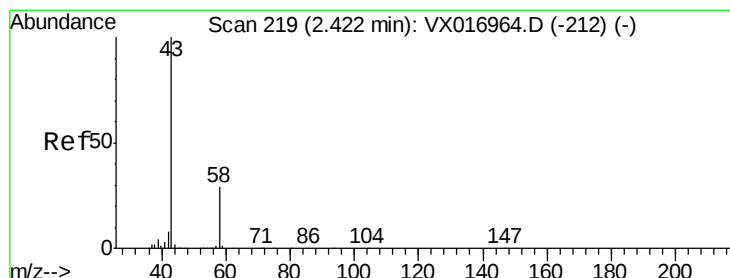
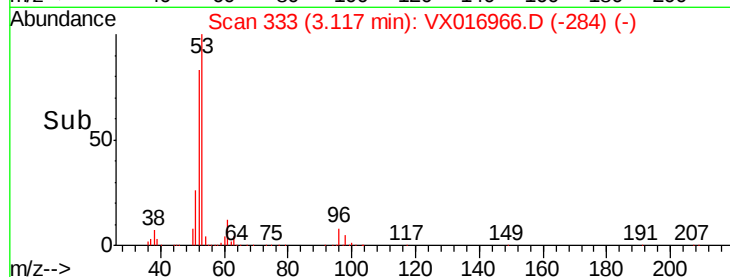
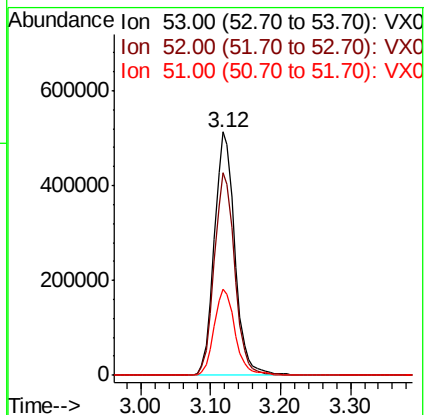
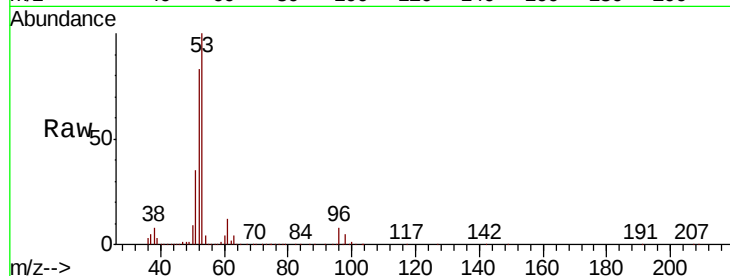
52 83.1 66.3 99.5

51 36.3 29.0 43.6

Manual Integrations
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#16

Acetone

Concen: 808.322 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX016966.D

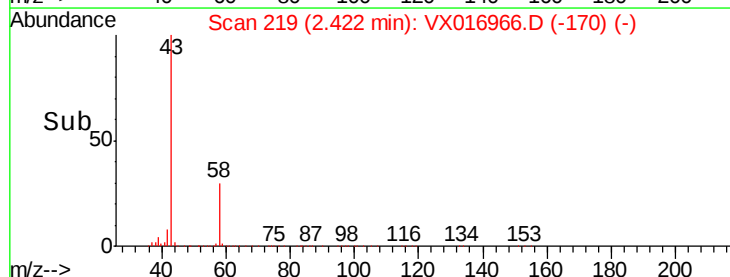
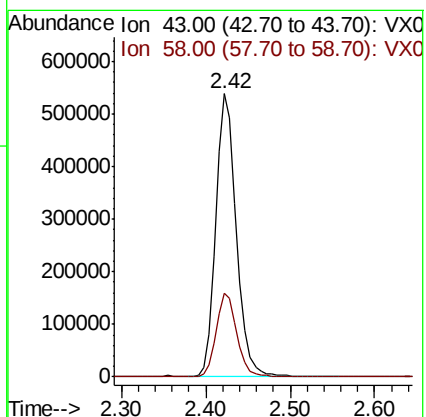
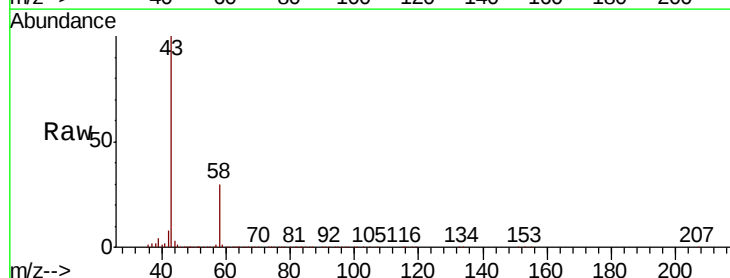
Acq: 25 Jun 2020 20:45

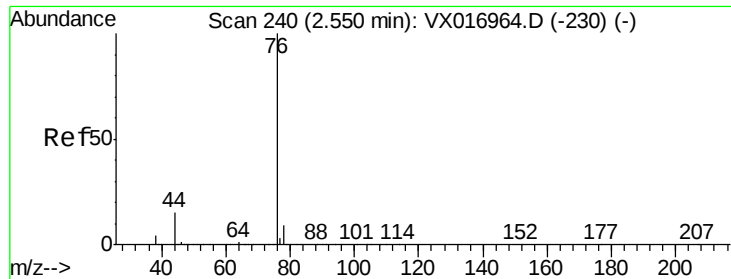
Tgt Ion: 43 Resp: 905339

Ion Ratio Lower Upper

43 100

58 29.6 23.5 35.3





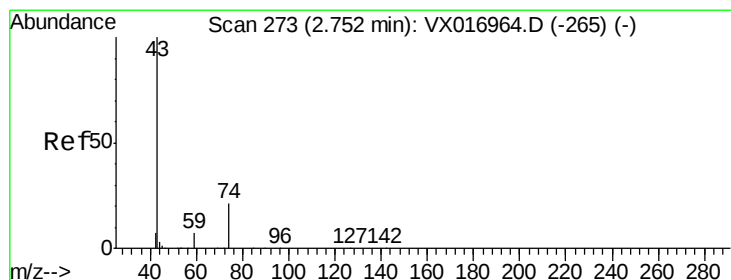
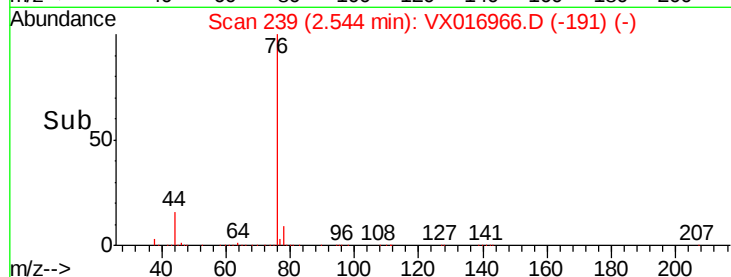
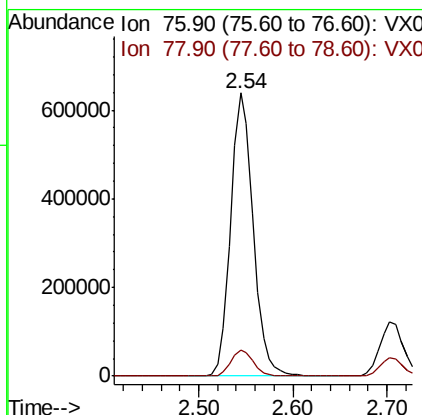
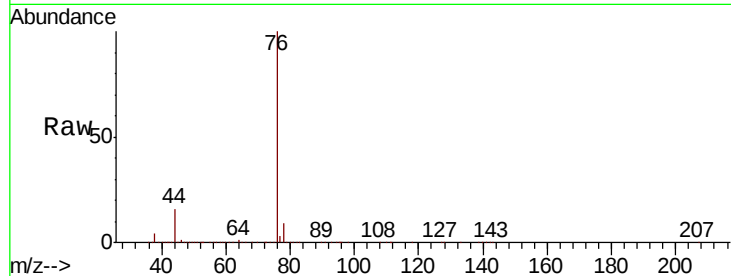
#17
Carbon Disulfide
Concen: 147.371 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 76 Resp: 1058378
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4

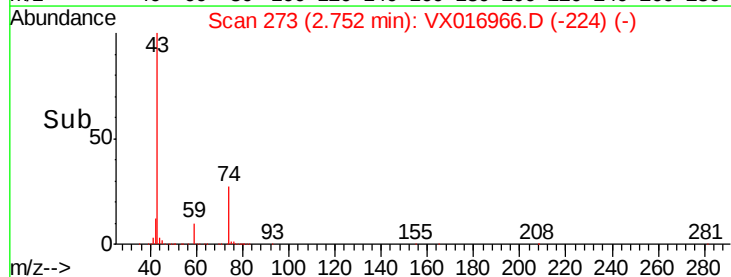
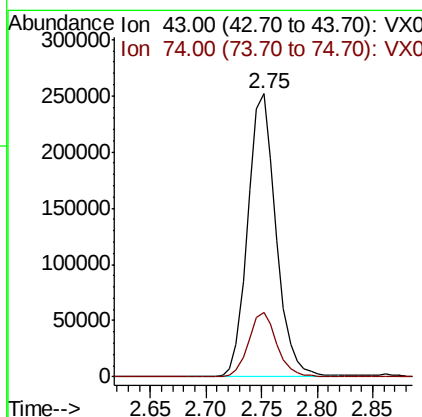
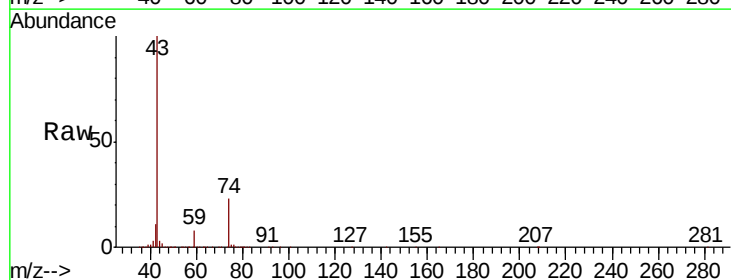
Manual Integrations
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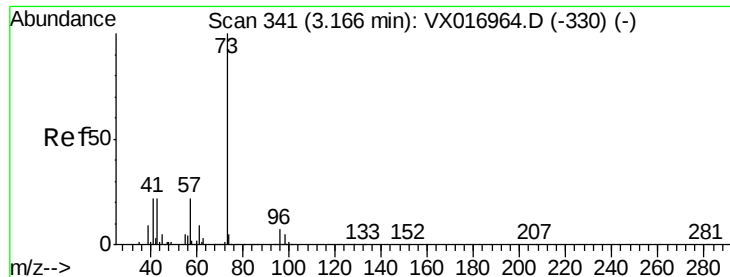
MMDadoda
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#18
Methyl Acetate
Concen: 136.111 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Tgt Ion: 43 Resp: 443999
Ion Ratio Lower Upper
43 100
74 23.2 18.3 27.5





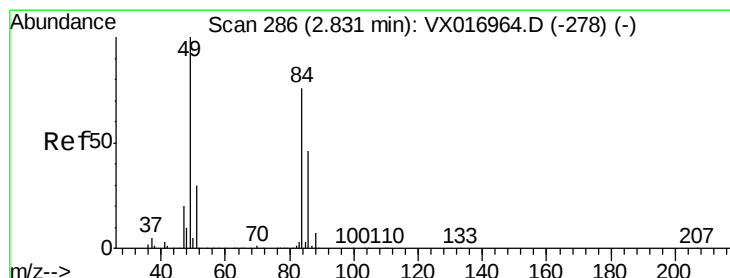
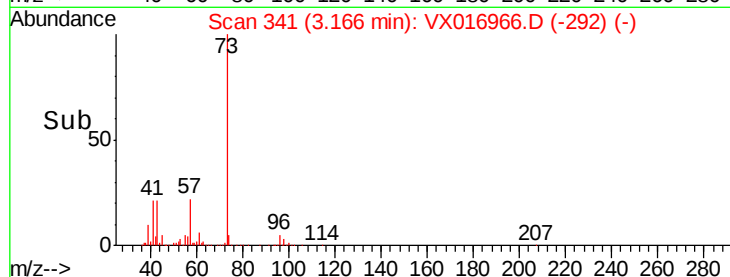
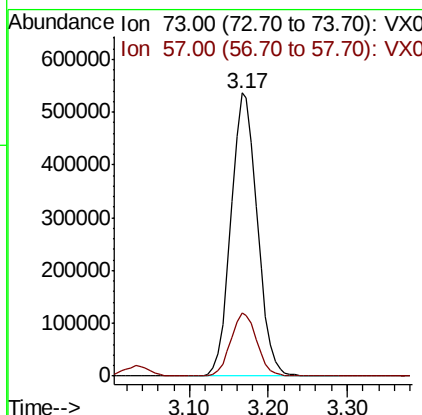
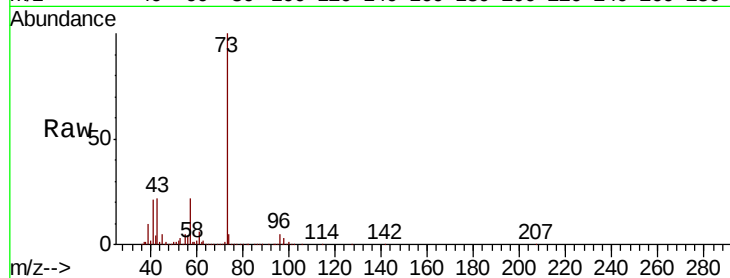
#19
Methvl tert-butvl Ether
Concen: 148.676 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 1244632
Ion Ratio Lower Upper
73 100
57 22.2 17.8 26.8

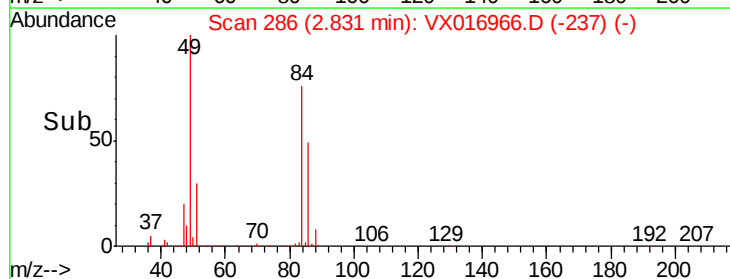
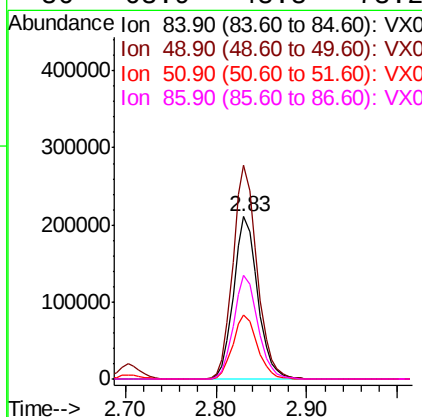
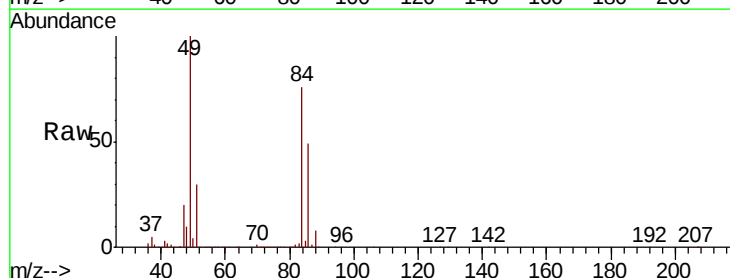
Manual Integrations
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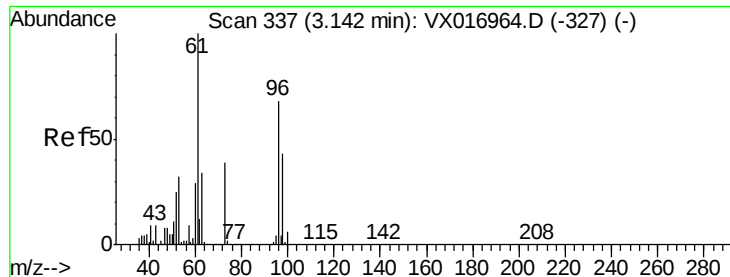
MMDadoda
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#20
Methylene Chloride
Concen: 143.337 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Tgt Ion: 84 Resp: 388783
Ion Ratio Lower Upper
84 100
49 131.5 105.6 158.4
51 39.8 31.2 46.8
86 63.9 48.8 73.2





#21

trans-1,2-Dichloroethene

Concen: 144.852 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

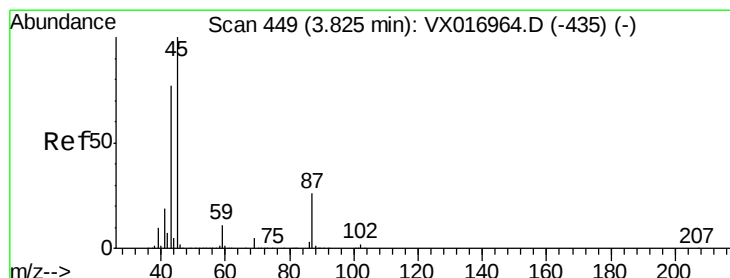
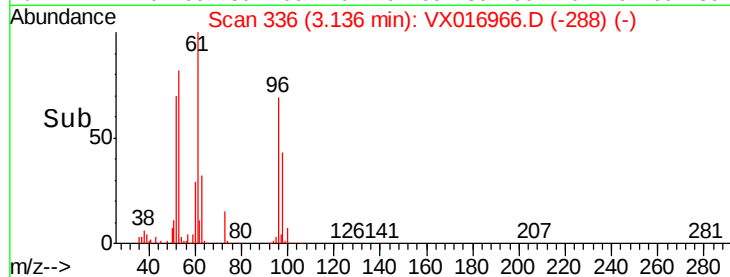
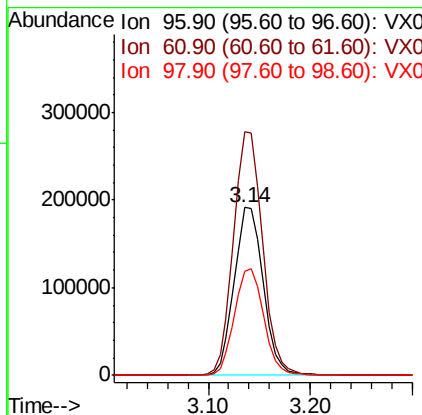
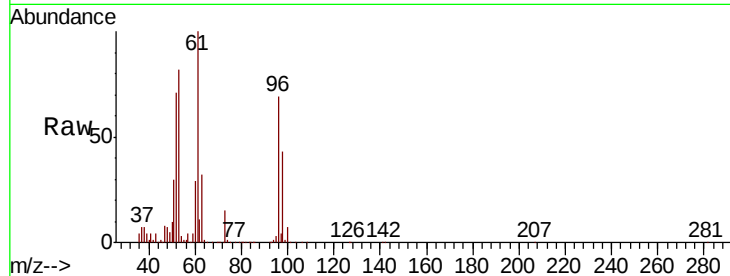
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	378190
Ion	Ratio	Lower	Upper
96	100		
61	144.9	116.7	175.1
98	61.8	50.7	76.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 161.289 ug/l

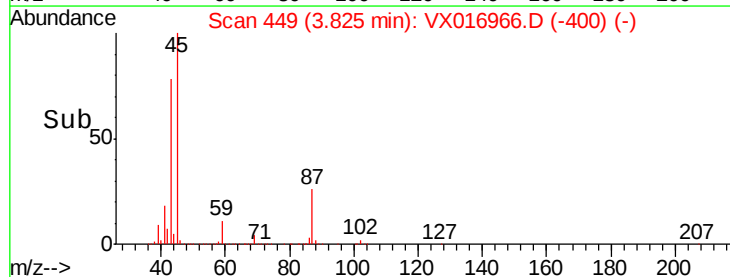
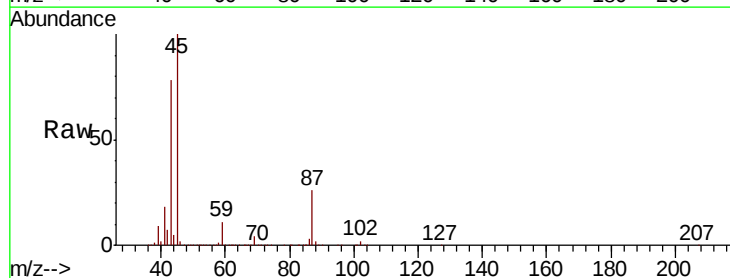
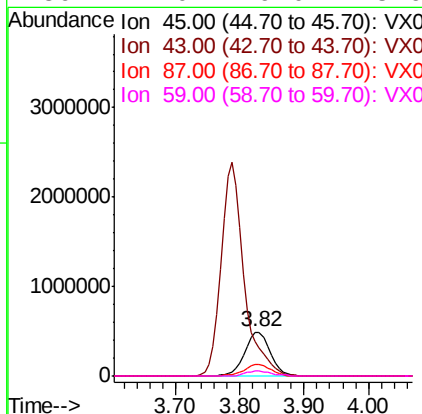
RT: 3.82 min Scan# 449

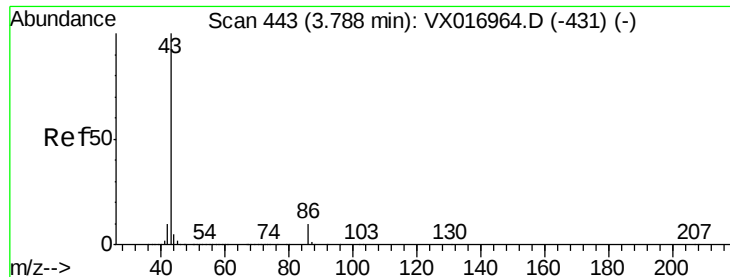
Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Tgt Ion:	45	Resp:	1333842
Ion	Ratio	Lower	Upper
45	100		
43	77.8	62.7	94.1
87	25.9	21.0	31.4
59	11.0	9.0	13.6





#23

Vinyl Acetate

Concen: 878.238 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 6003251

Ion Ratio Lower Upper

43 100

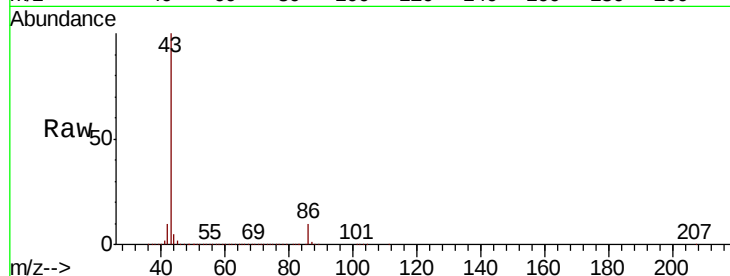
86 10.3 8.2 12.2

Manual Integrations

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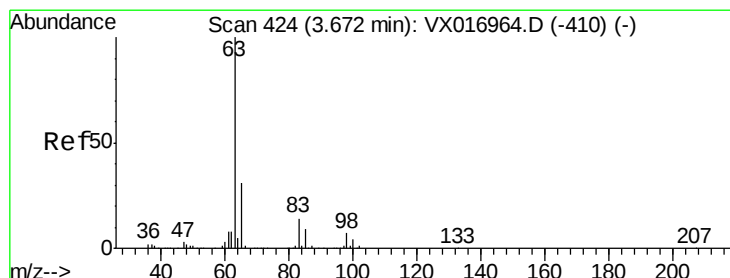
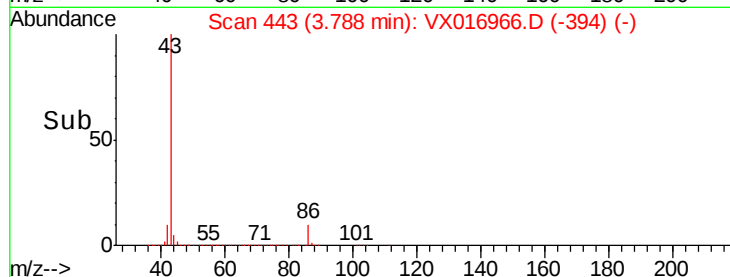
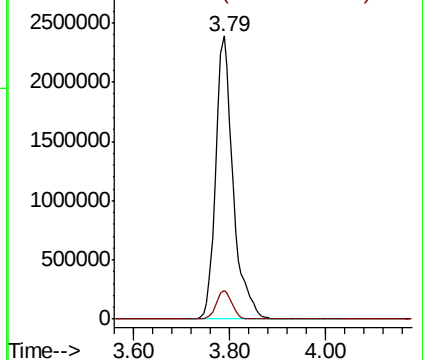
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 149.303 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

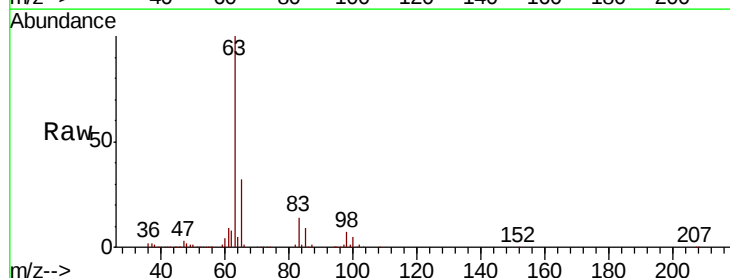
Tgt Ion: 63 Resp: 700332

Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

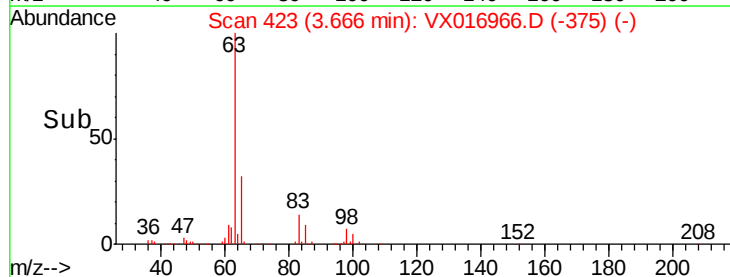
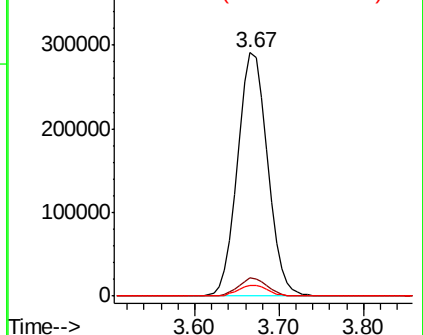
100 4.5 2.1 6.3

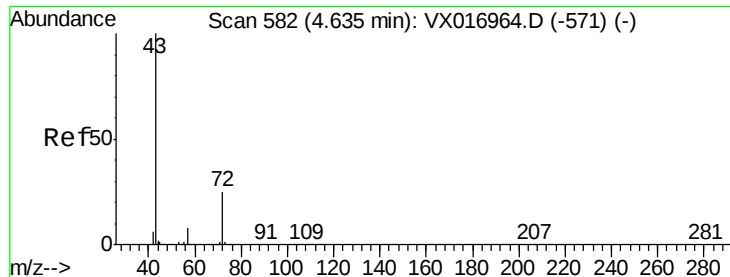


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 806.801 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1454585

Ion Ratio Lower Upper

43 100

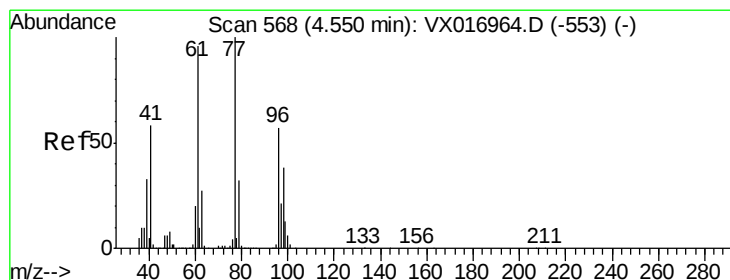
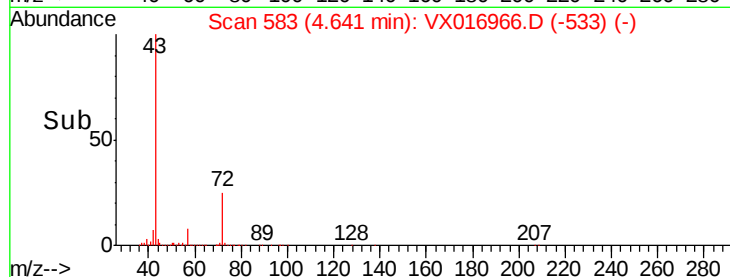
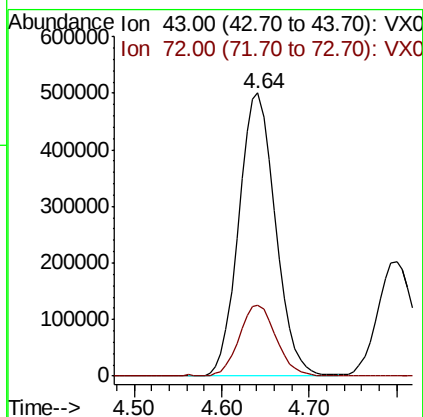
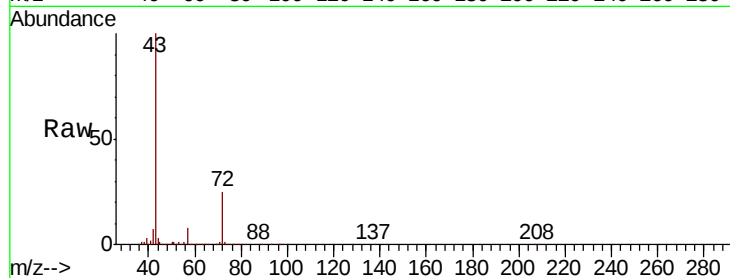
72 25.1 20.0 30.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 139.395 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016966.D

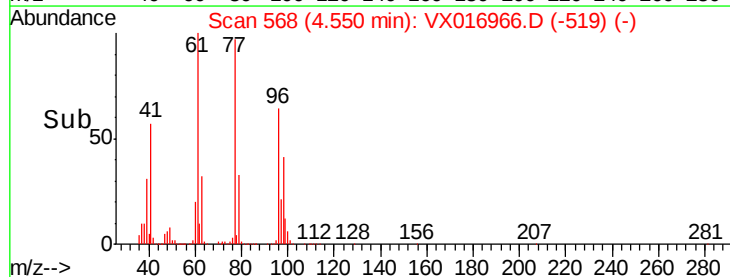
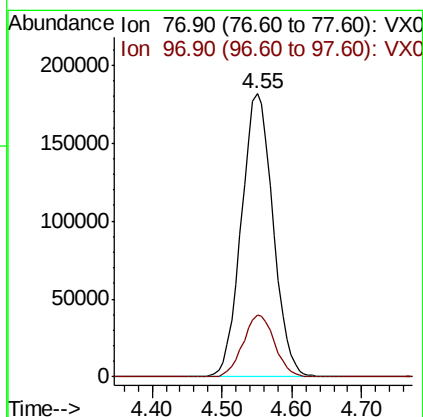
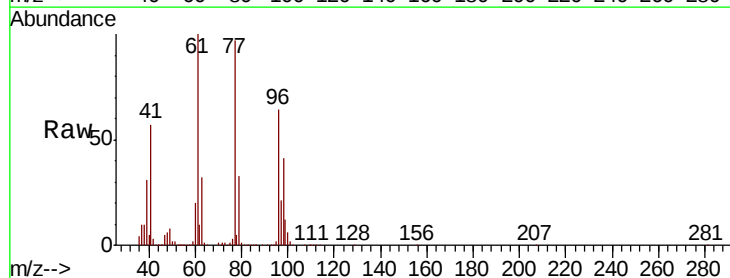
Acq: 25 Jun 2020 20:45

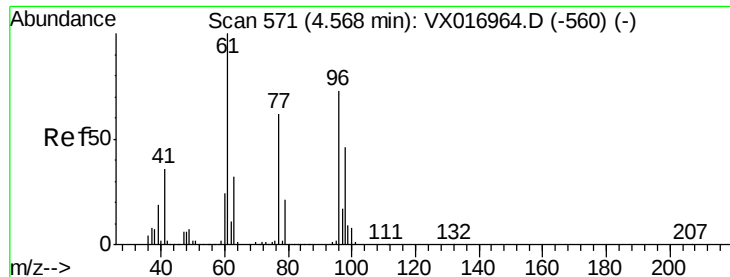
Tgt Ion: 77 Resp: 570369

Ion Ratio Lower Upper

77 100

97 21.8 11.2 33.5





#27

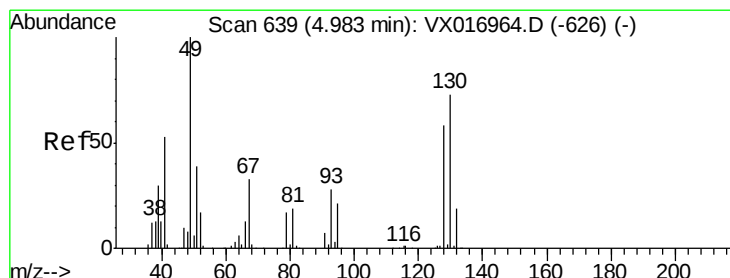
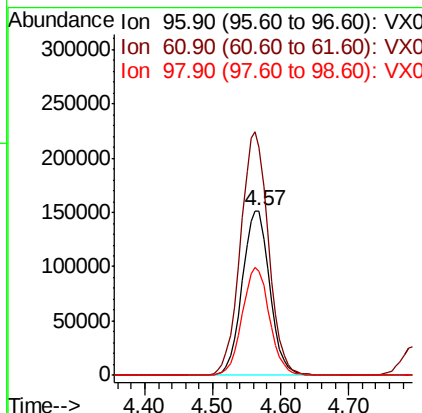
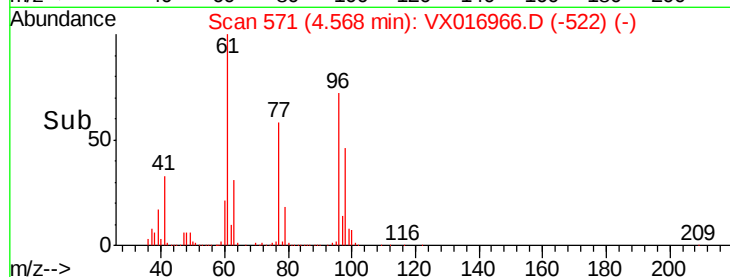
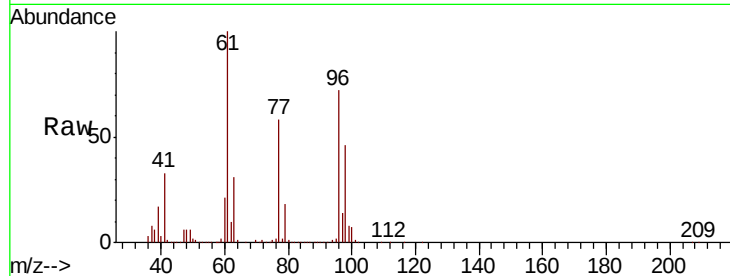
cis-1,2-Dichloroethene
Concen: 144.617 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100	425810		
61	150.6	0.0	307.2	
98	65.0	0.0	128.4	

Manual Integrations
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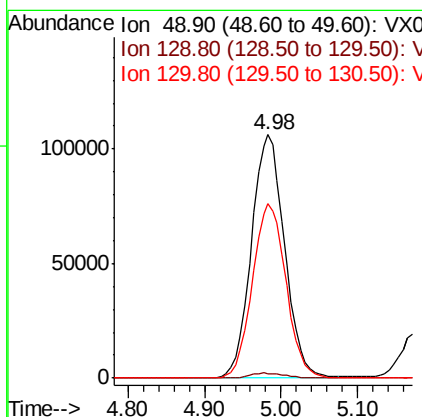
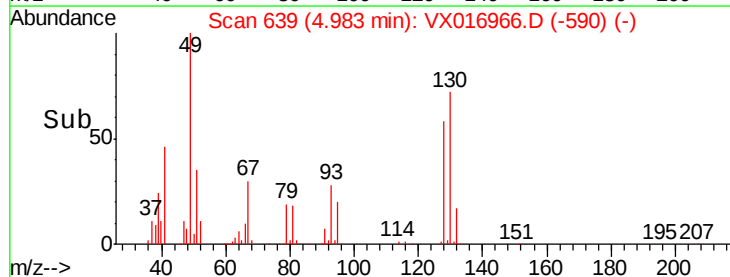
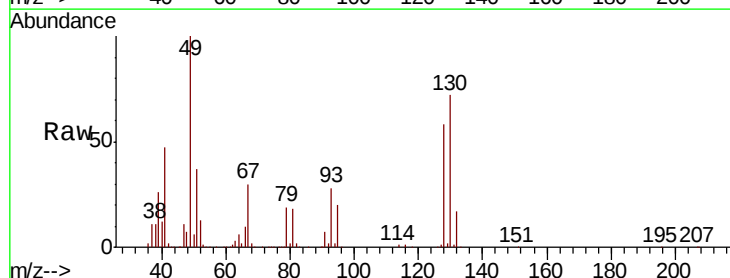
MMDadoda
6/29/2020 12:32:29 PM

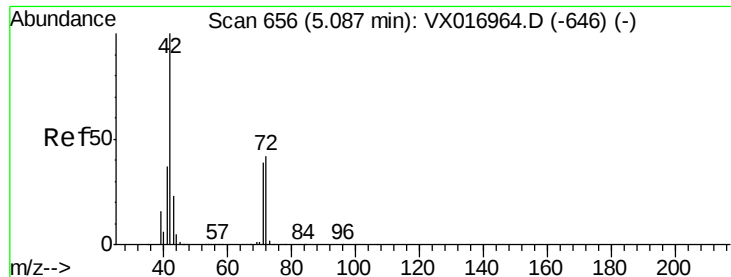


#28

Bromochloromethane
Concen: 154.620 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	320987		
129	2.1	0.0	4.4	
130	72.4	58.7	88.1	





#29

Tetrahydrofuran

Concen: 807.889 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

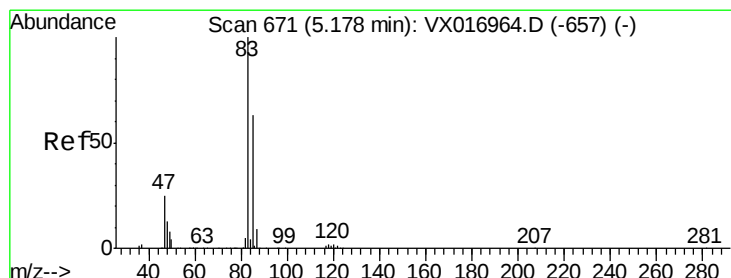
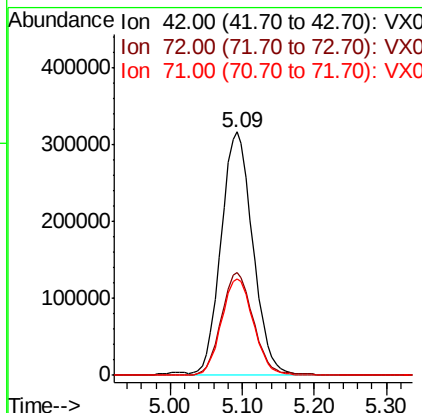
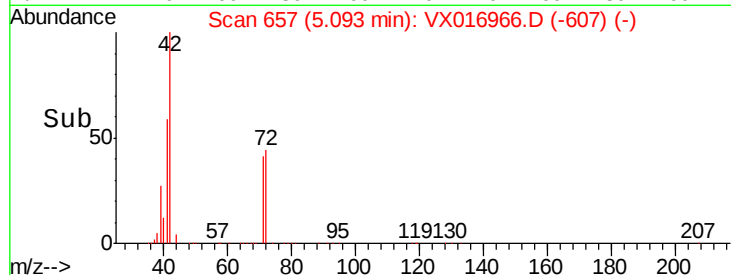
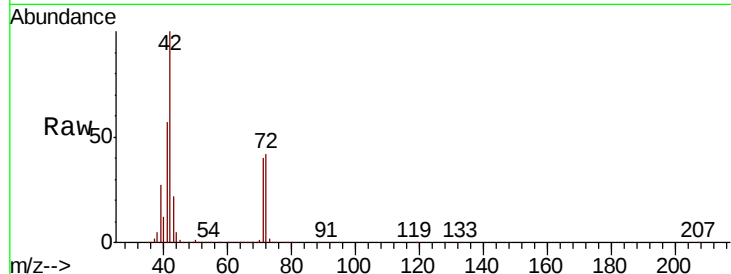
ClientSampleId :

VSTDIC150

Tot Ion:	42	Resp:	964036
Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.1	51.1
71	40.0	32.1	48.1

Manual Integrations
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#30

Chloroform

Concen: 154.643 ug/l

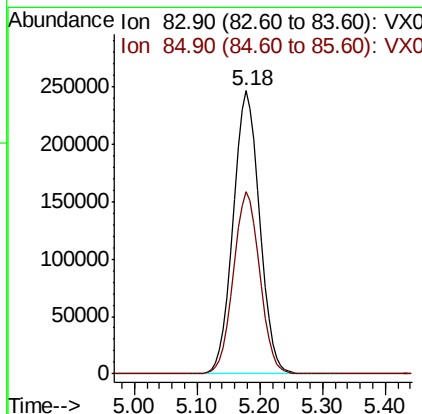
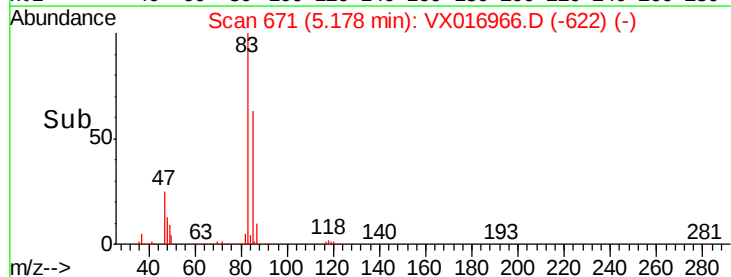
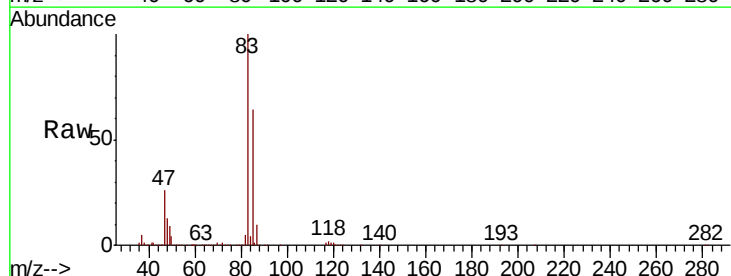
RT: 5.18 min Scan# 671

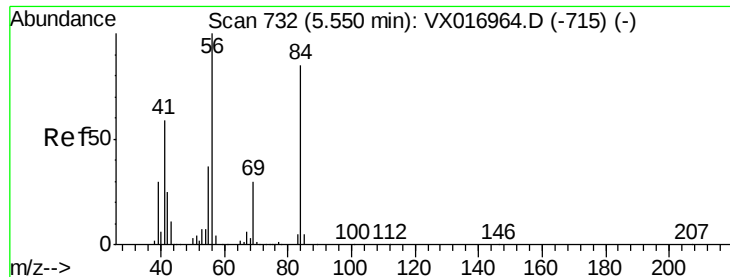
Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Tgt Ion:	83	Resp:	718980
Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.7	76.1





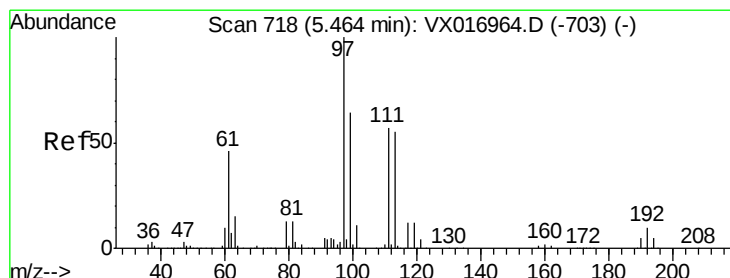
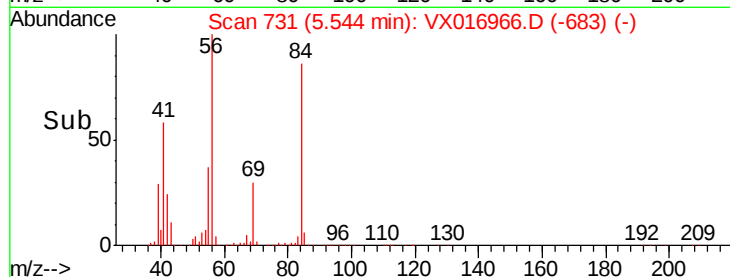
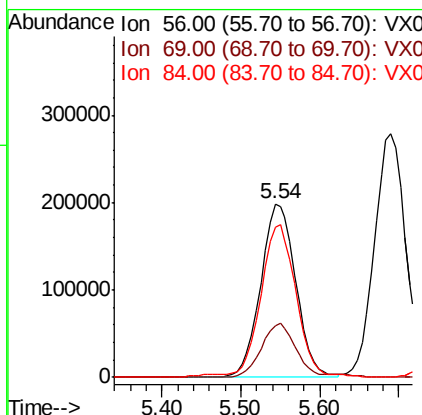
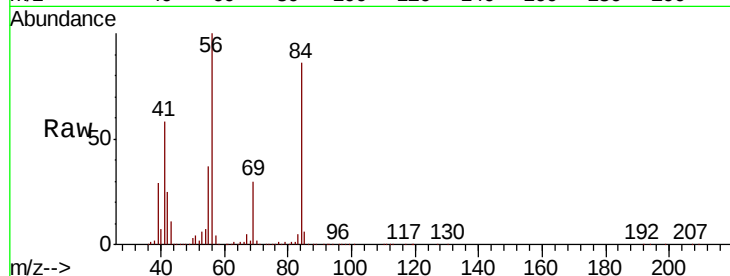
#31
Cyclohexane
Concen: 140.945 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.9	23.6	35.4
84	85.6	67.8	101.8

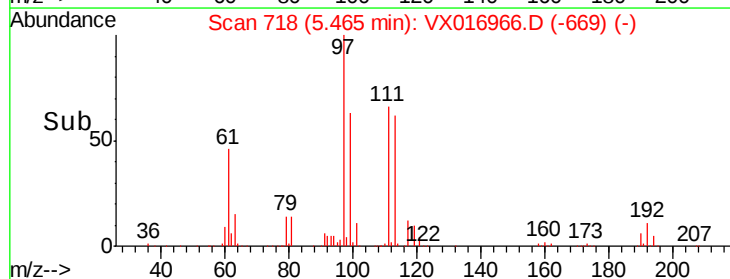
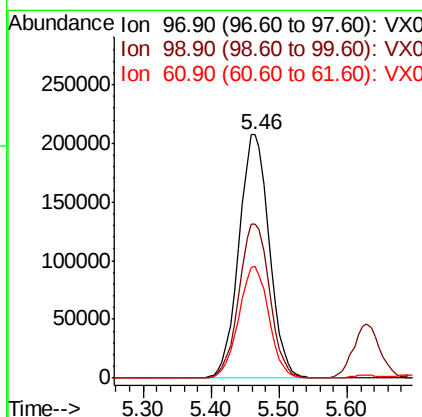
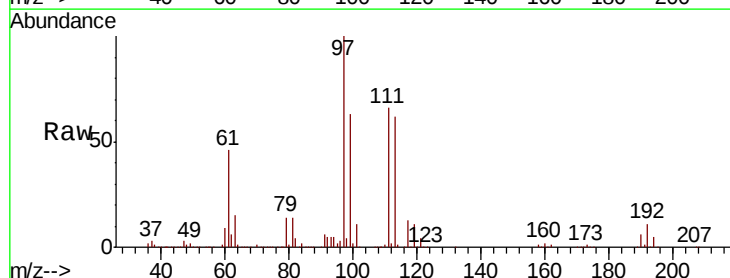
Manual Integrations
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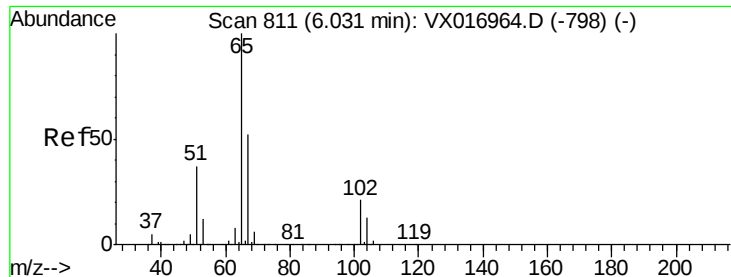
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 153.328 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.4	77.2
61	45.6	37.0	55.4





#33

1,2-Dichloroethane-d4

Concen: 162.282 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 65 Resp: 483219

Ion Ratio Lower Upper

65 100

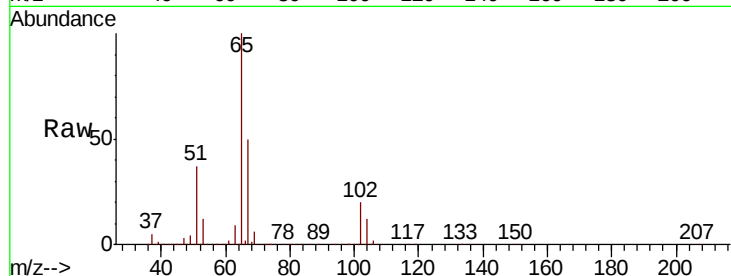
67 50.7 0.0 102.8

Manual Integrations

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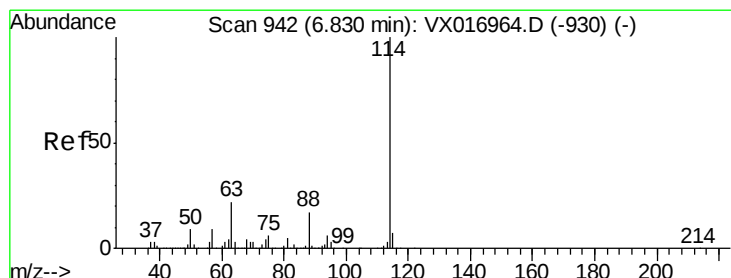
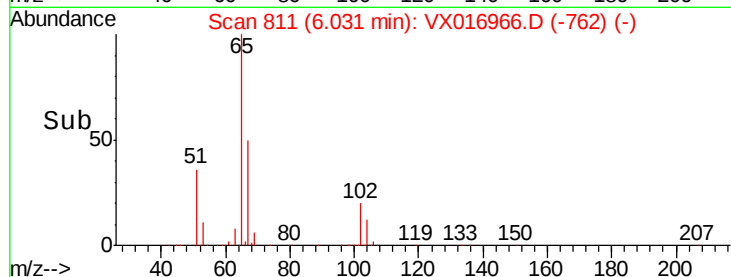
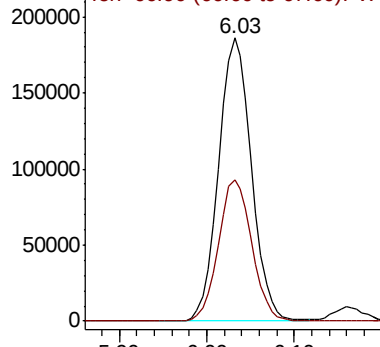
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

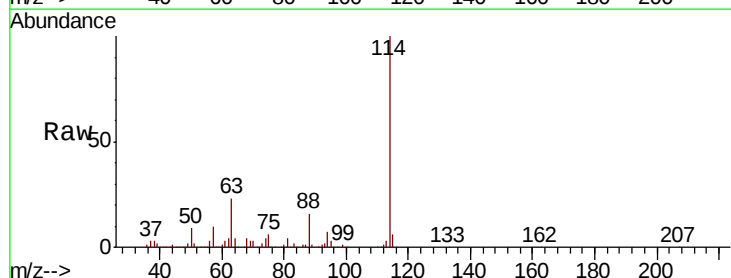
Tgt Ion: 114 Resp: 351001

Ion Ratio Lower Upper

114 100

63 23.1 0.0 44.4

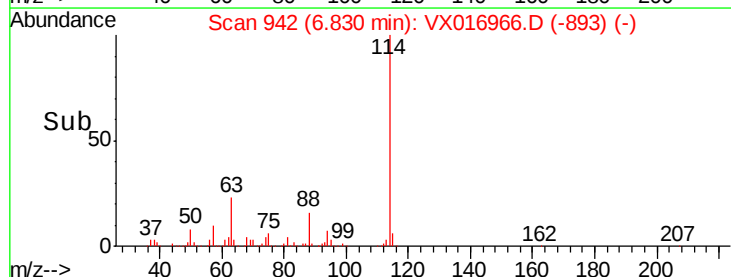
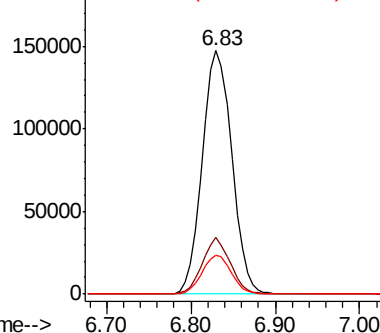
88 15.8 0.0 33.2

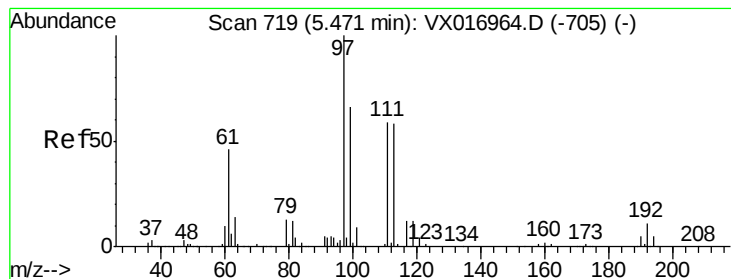


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 187.704 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

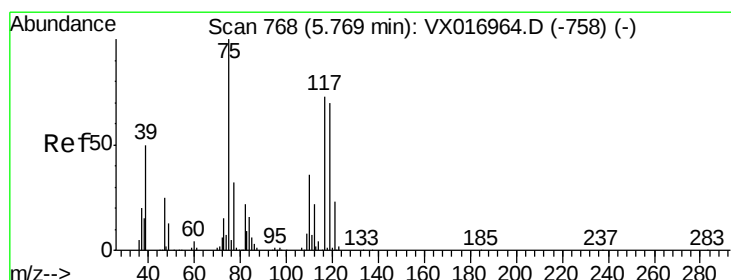
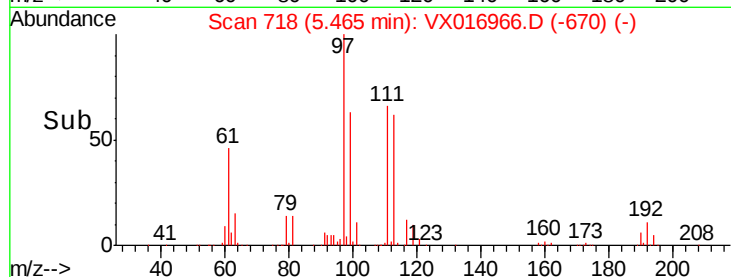
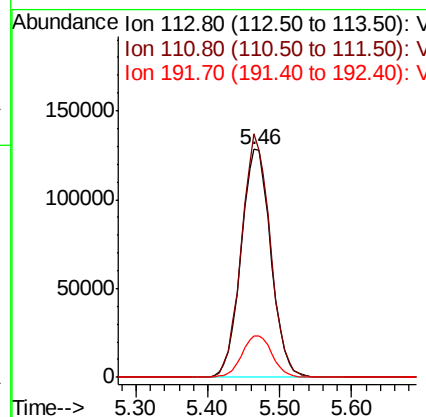
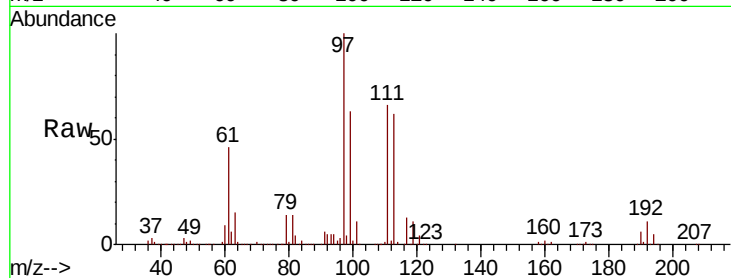
ClientSampleId :

VSTDIC150

Tot Ion:	113	Resp:	369511
Ion Ratio	Lower	Upper	
113	100		
111	103.0	84.3	126.5
192	18.5	15.2	22.8

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#36

1,1-Dichloropropene

Concen: 158.319 ug/l

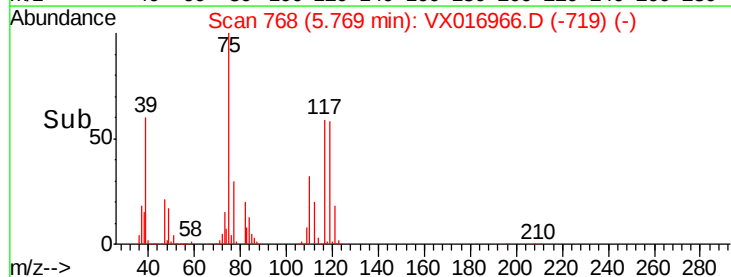
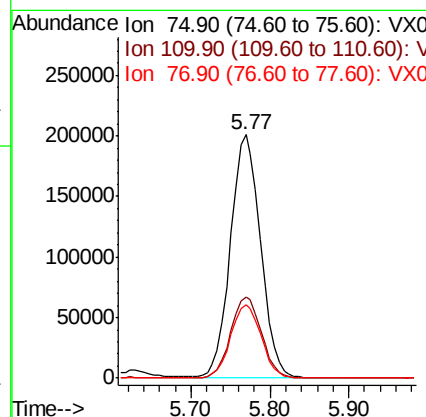
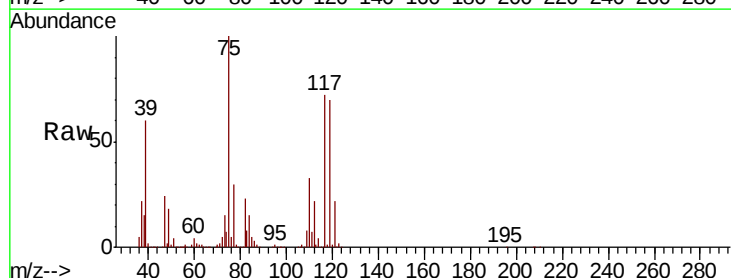
RT: 5.77 min Scan# 768

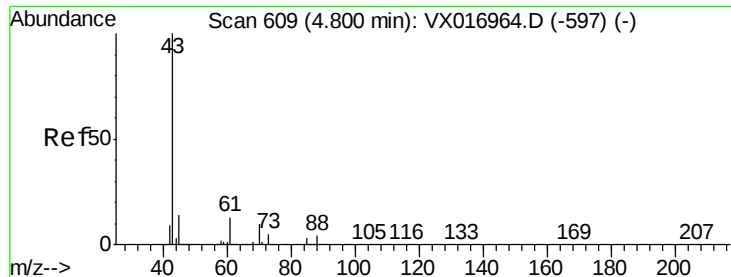
Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Tgt Ion:	75	Resp:	533928
Ion Ratio	Lower	Upper	
75	100		
110	33.9	17.2	51.6
77	31.1	24.7	37.1





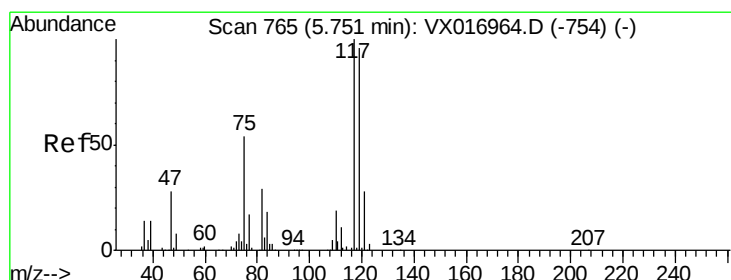
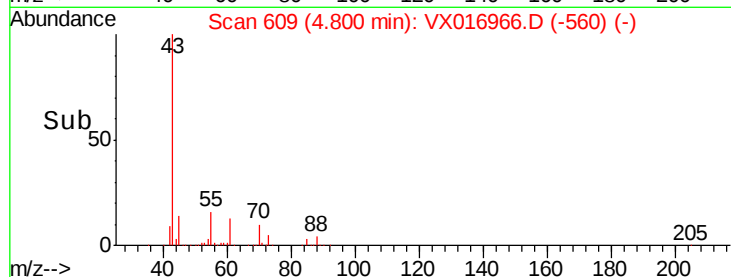
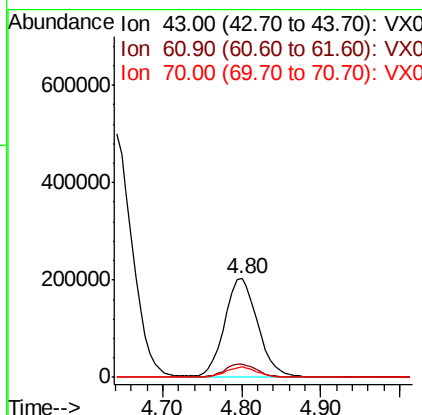
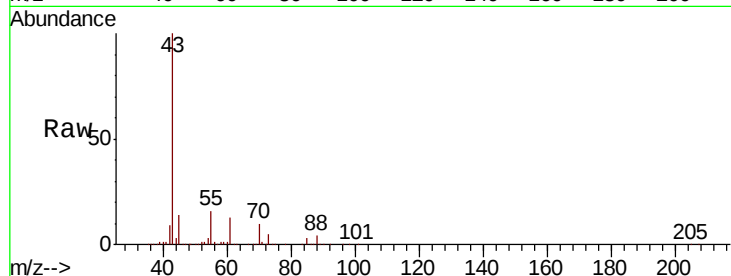
#37
Ethyl Acetate
Concen: 172.659 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.8	16.2
70	10.0	8.0	12.0

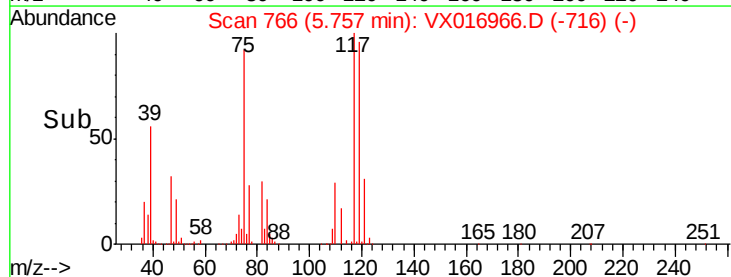
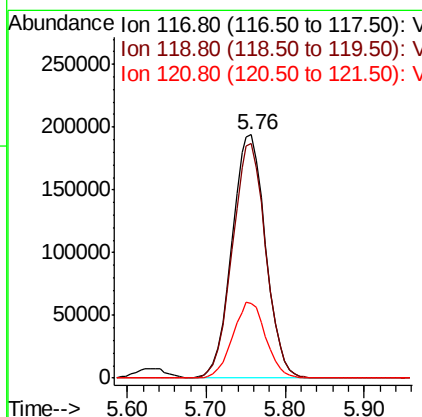
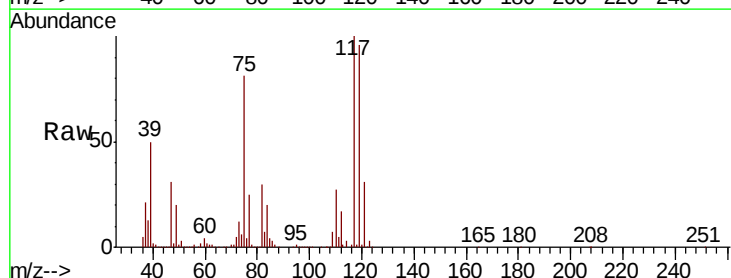
Manual Integrations
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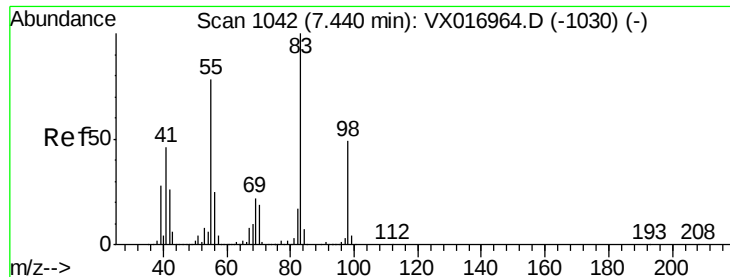
MMDadoda
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#38
Carbon Tetrachloride
Concen: 180.939 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.6	114.8
121	30.7	22.5	33.7





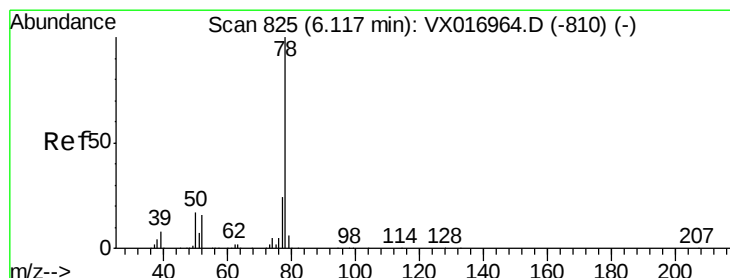
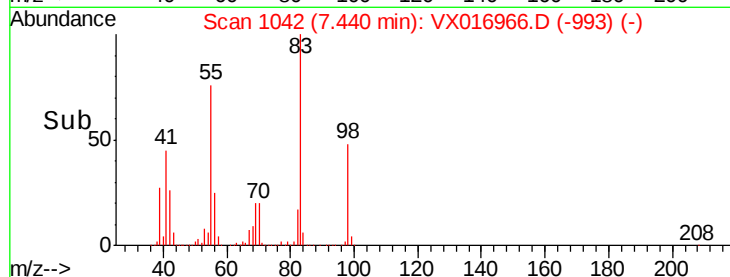
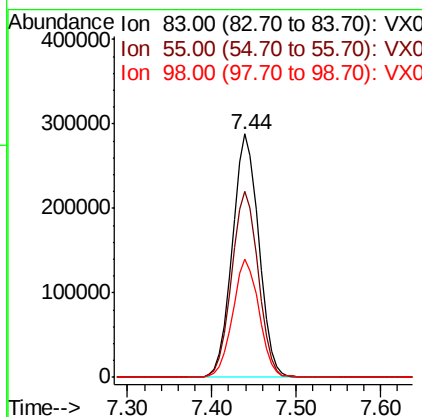
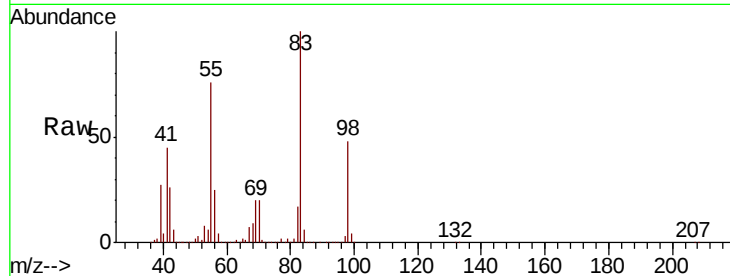
#39
Methvlcvclohexane
Concen: 151.010 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
83	100	609128		
55	76.2		62.4	93.6
98	48.4		39.4	59.0

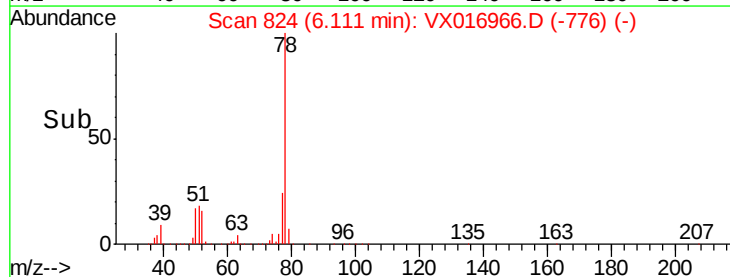
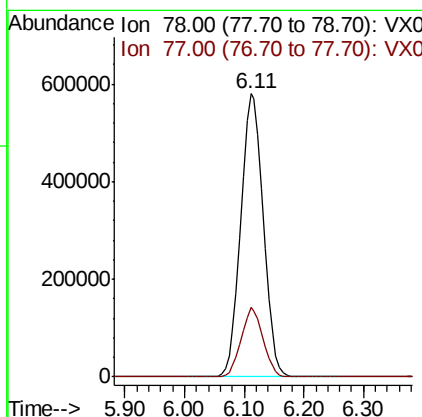
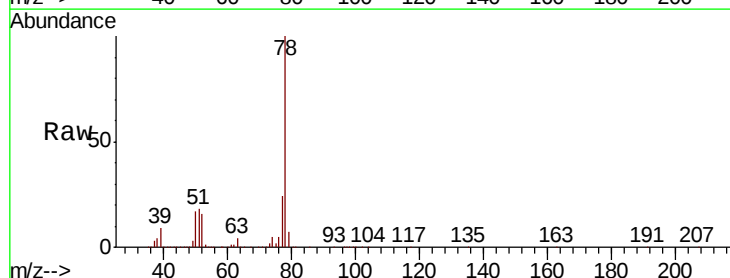
Manual Integrations
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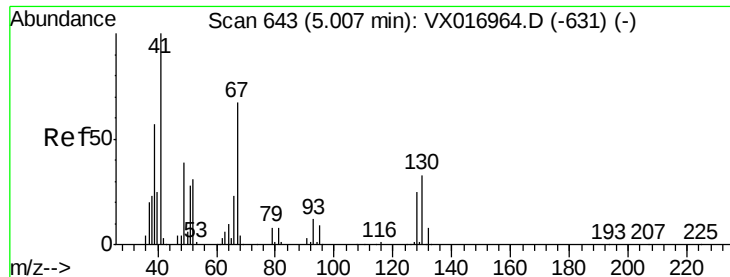
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#40
Benzene
Concen: 156.020 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	1530776		
77	24.4		18.9	28.3





#41

Methacrylonitrile

Concen: 171.707 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

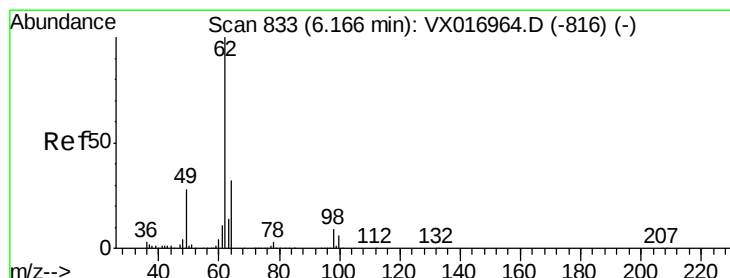
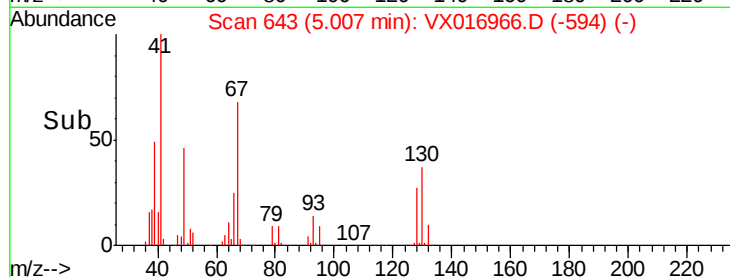
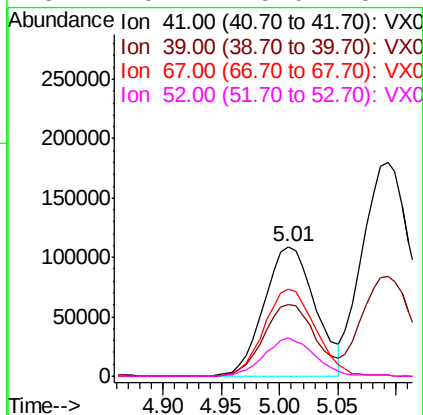
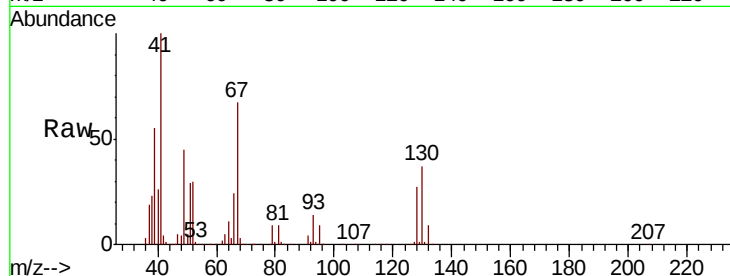
ClientSampleId :

VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.2	46.6	70.0	
67	67.7	57.0	85.6	
52	29.1	25.0	37.4	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 167.963 ug/l

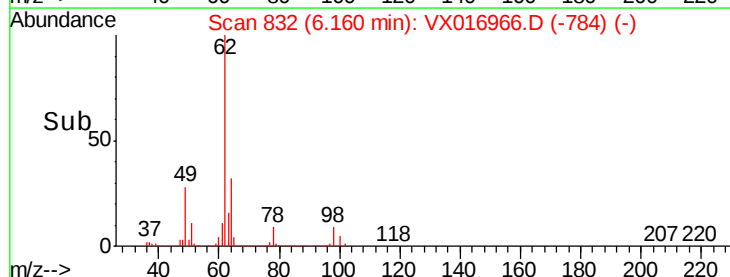
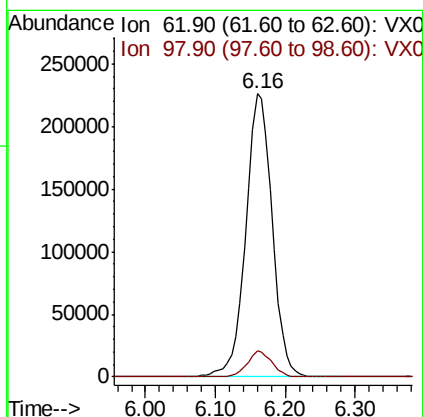
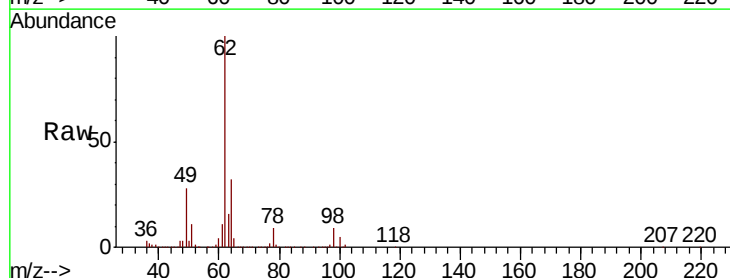
RT: 6.16 min Scan# 832

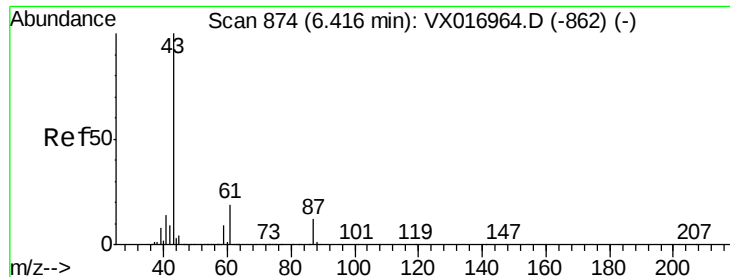
Delta R.T. -0.01 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.7	0.0	17.2	





#43

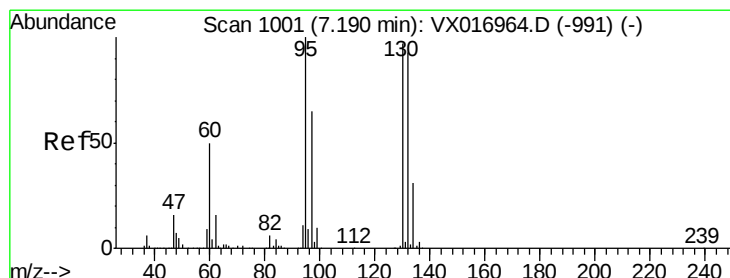
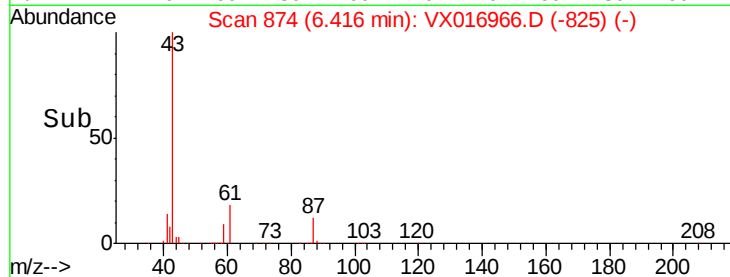
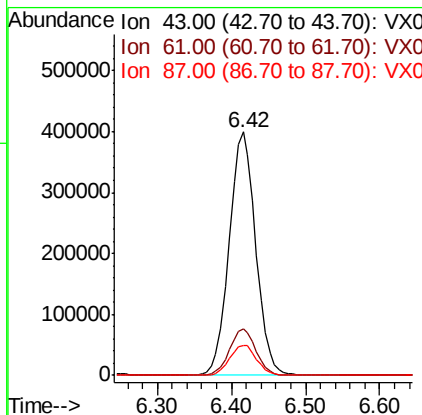
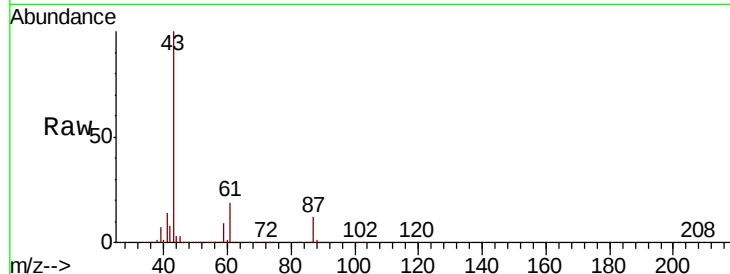
Isopropyl Acetate
 Concen: 175.567 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX016966.D
 Acq: 25 Jun 2020 20:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.0	22.6
87	12.7	10.0	15.0

Manual Integrations
 APPROVED

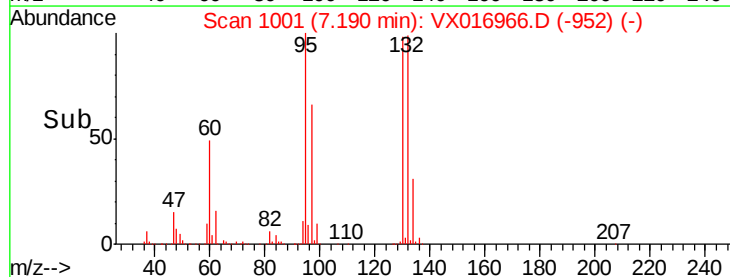
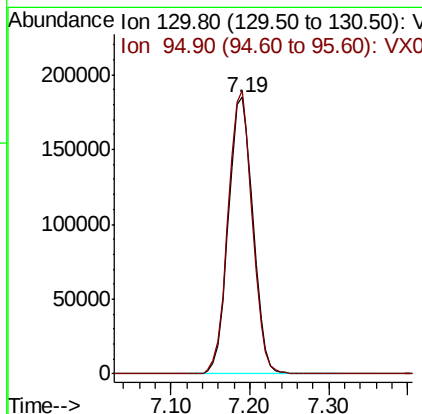
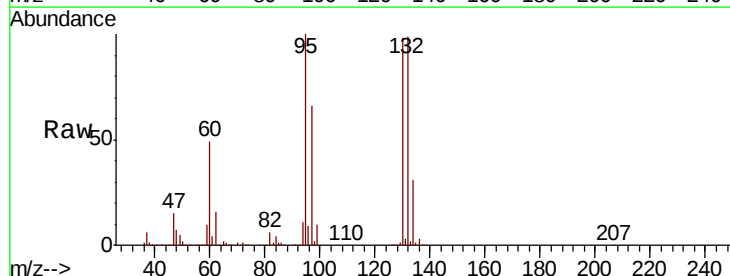
MMDadoda
 6/29/2020 12:32:29 PM

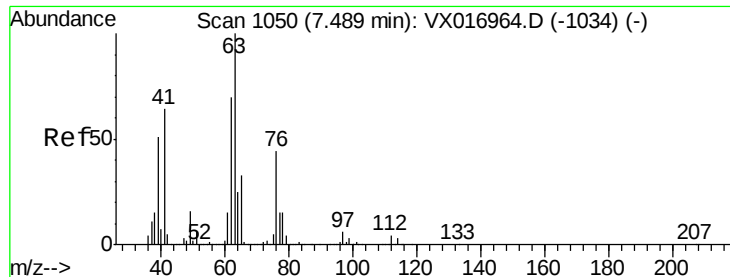


#44

Trichloroethene
 Concen: 135.947 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016966.D
 Acq: 25 Jun 2020 20:45

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.4	0.0	206.6





#45

1,2-Dichloropropane

Concen: 158.340 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion: 63 Resp: 399048

Ion Ratio Lower Upper

63 100

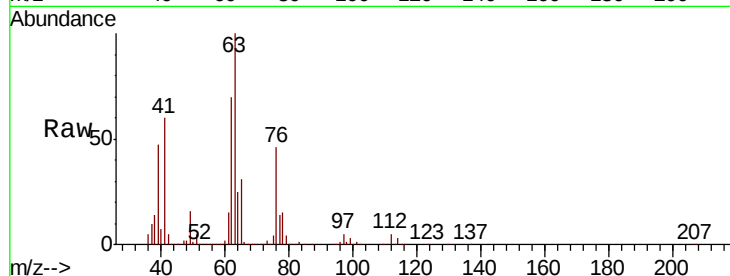
65 30.5 26.1 39.1

Manual Integrations

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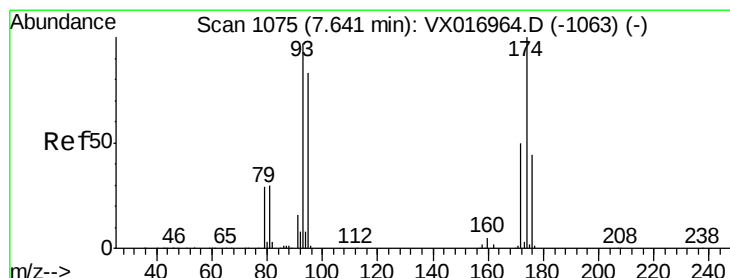
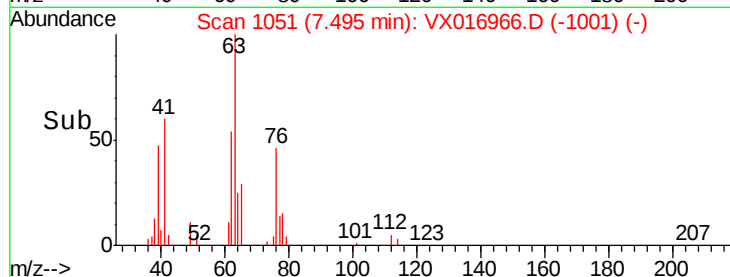
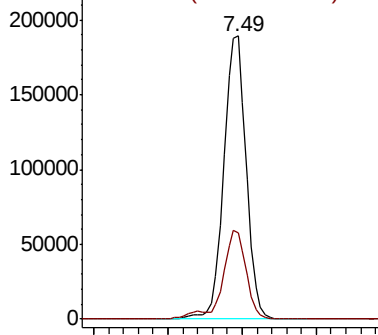
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 163.492 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

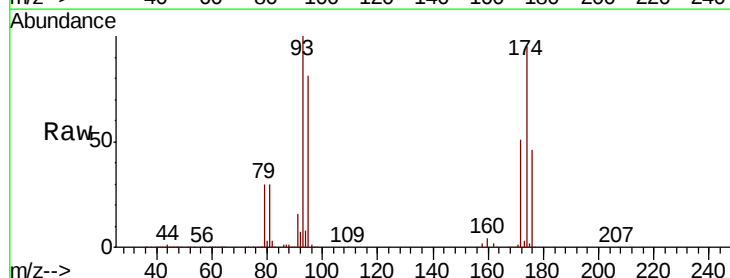
Tgt Ion: 93 Resp: 276161

Ion Ratio Lower Upper

93 100

95 82.9 67.5 101.3

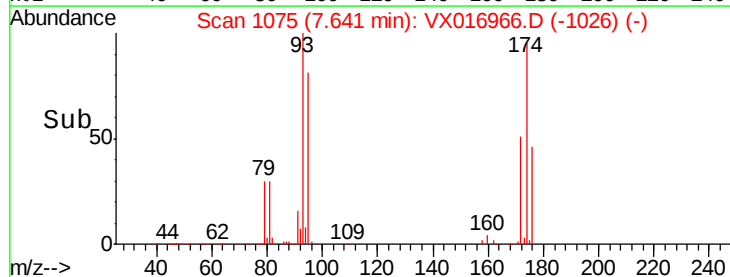
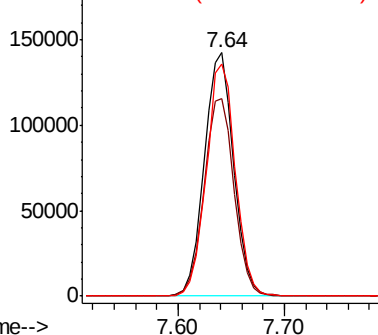
174 94.5 75.0 112.4

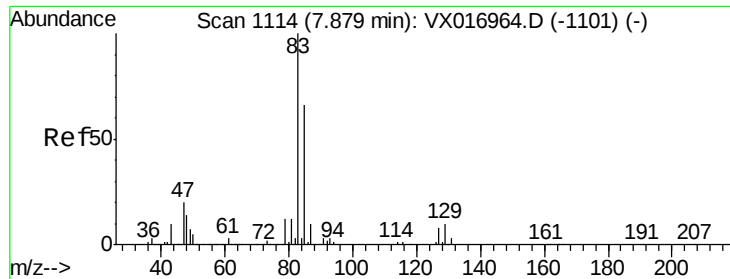


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 169.577 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

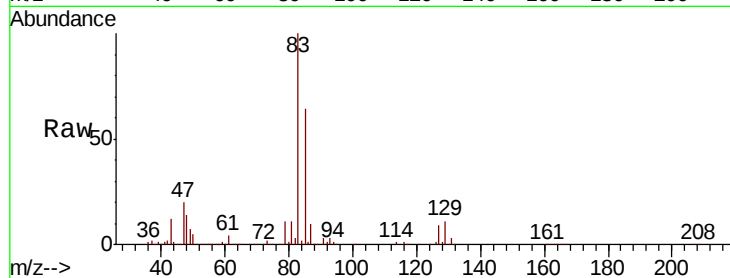
ClientSampleId :

VSTDIC150

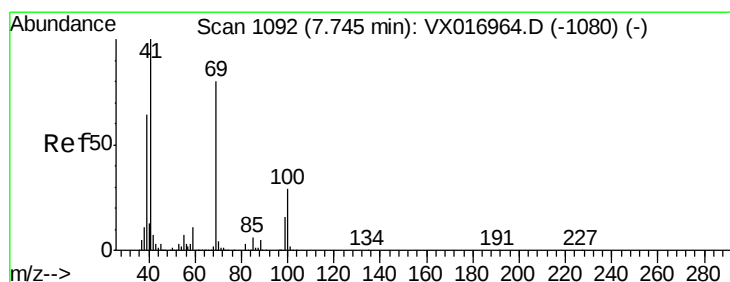
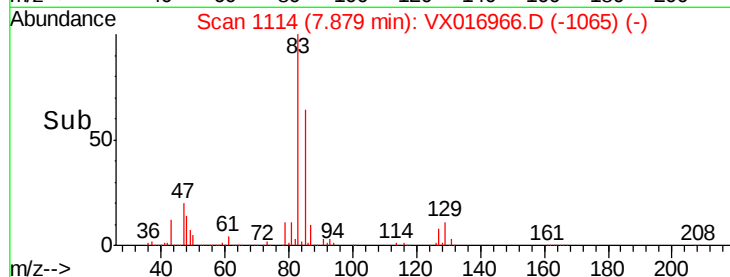
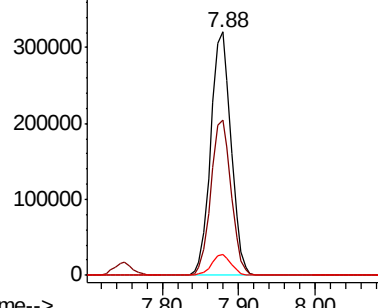
Tot Ion:	83	Resp:	586771
Ion Ratio	Lower	Upper	
83	100		
85	63.5	53.1	79.7
127	8.5	6.8	10.2

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 174.989 ug/l

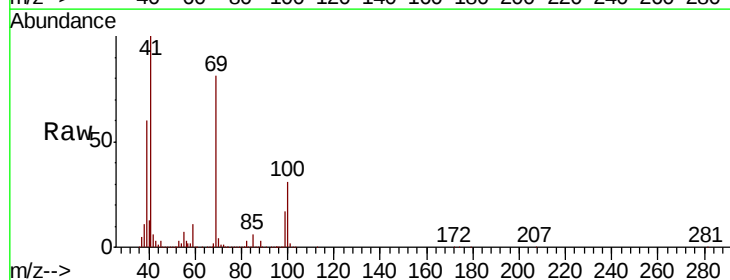
RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

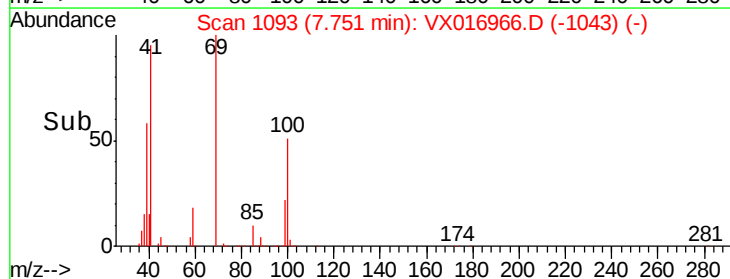
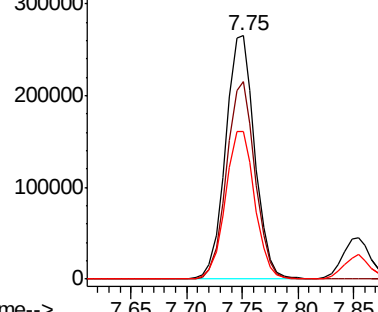
Lab File: VX016966.D

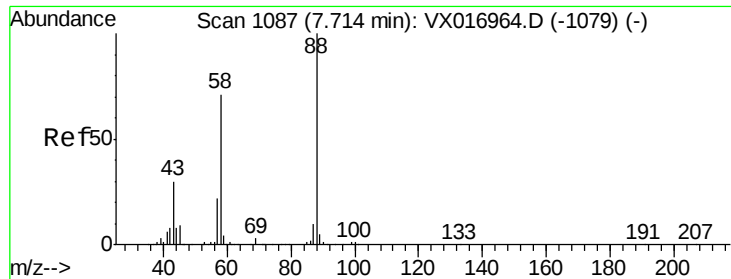
Acq: 25 Jun 2020 20:45

Tgt Ion:	41	Resp:	484490
Ion Ratio	Lower	Upper	
41	100		
69	79.8	62.7	94.1
39	61.0	49.6	74.4



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





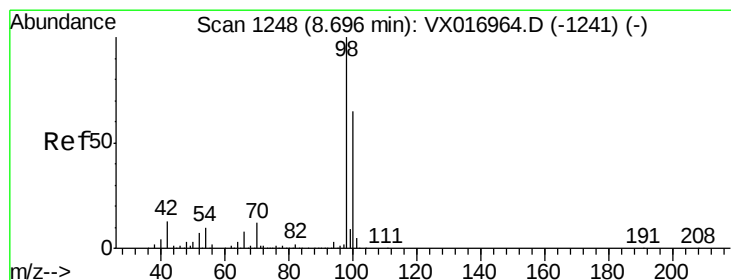
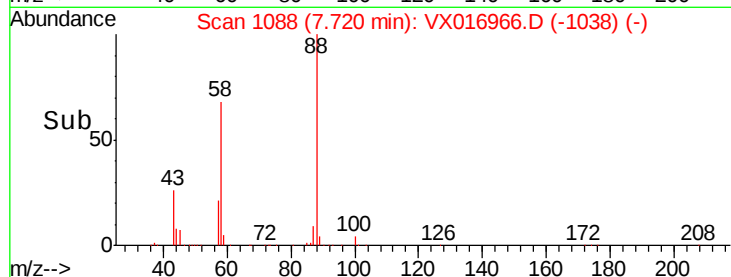
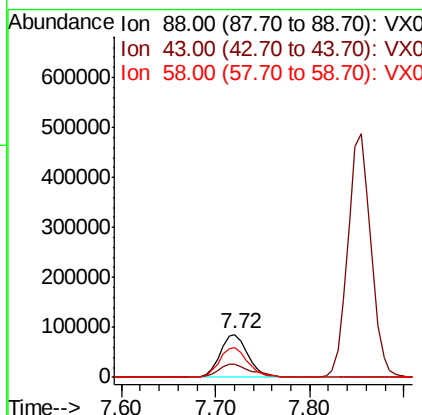
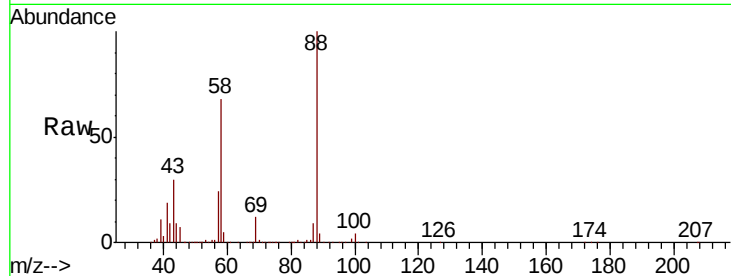
#49
1,4-Dioxane
Concen: 2918.544 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.6	28.1	42.1
58	71.1	56.1	84.1

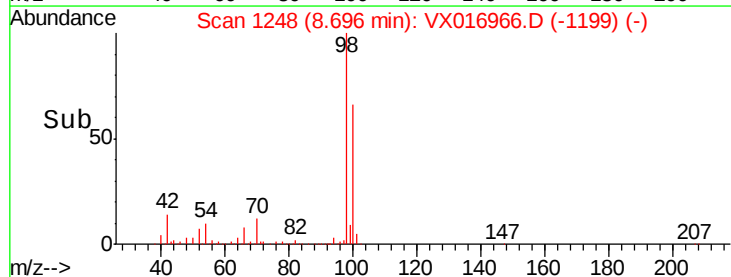
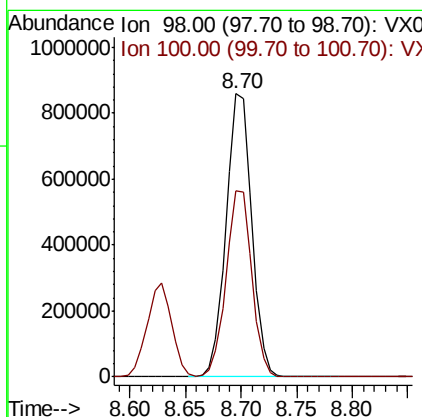
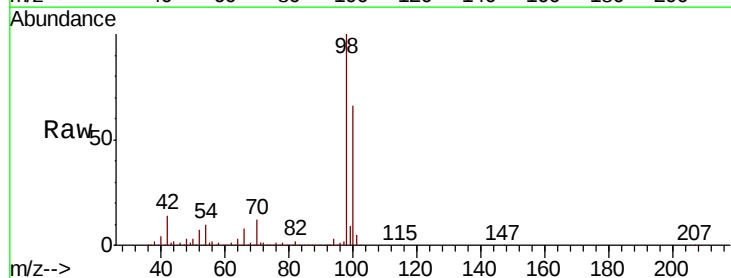
Manual Integrations
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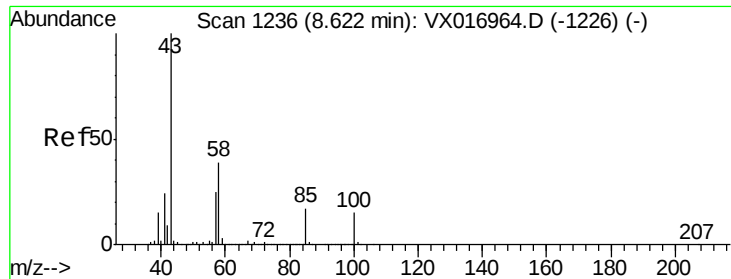
MMDadoda
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#50
Toluene-d8
Concen: 167.128 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.2	78.2





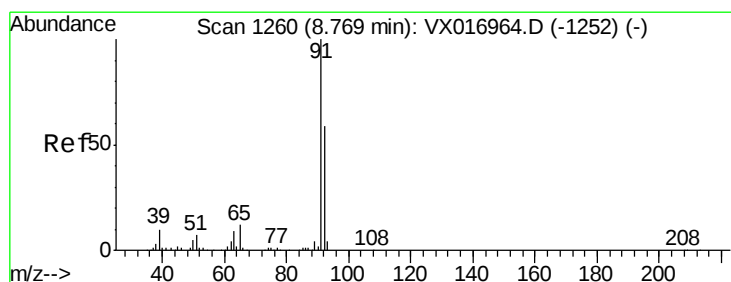
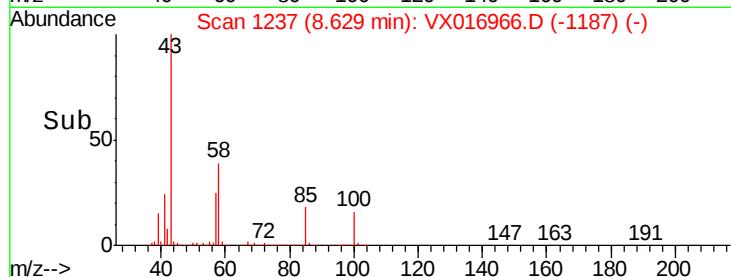
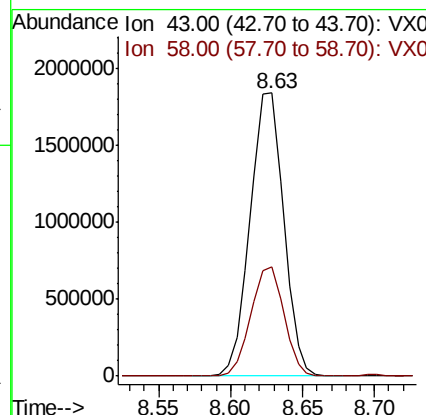
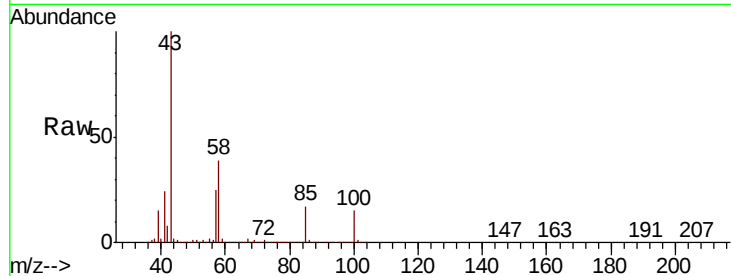
#51
4-Methyl-2-Pentanone
Concen: 897.100 ug/l
RT: 8.63 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 2962275
Ion Ratio Lower Upper
43 100
58 38.3 30.4 45.6

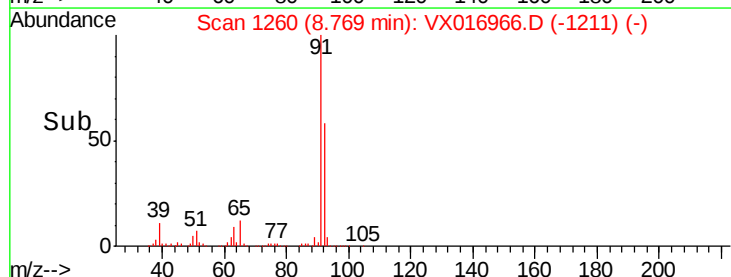
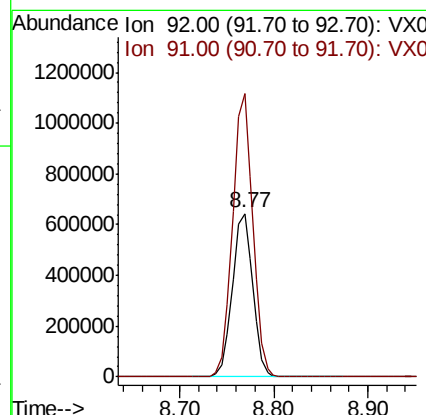
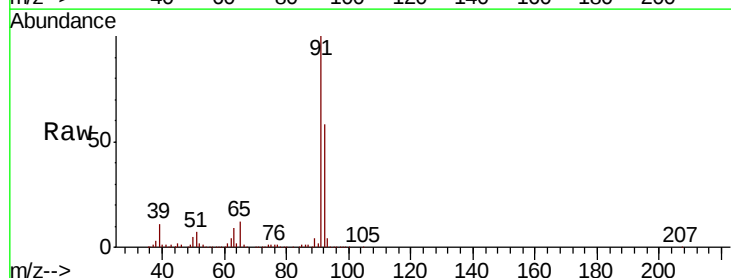
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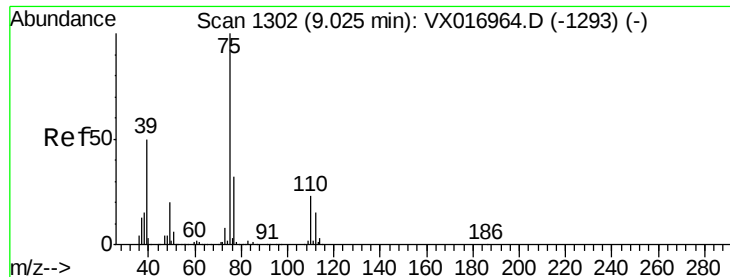
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#52
Toluene
Concen: 155.360 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Tgt Ion: 92 Resp: 964648
Ion Ratio Lower Upper
92 100
91 171.7 136.7 205.1





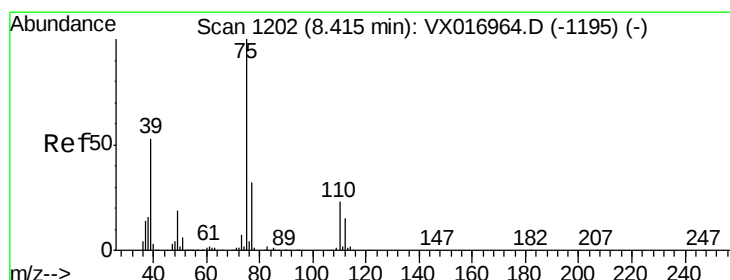
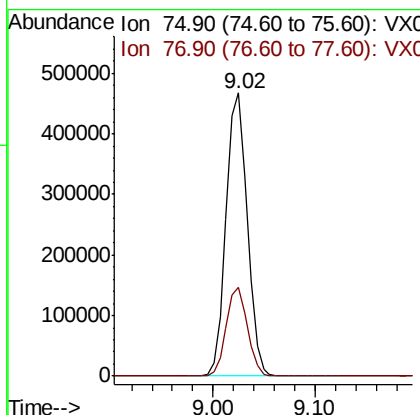
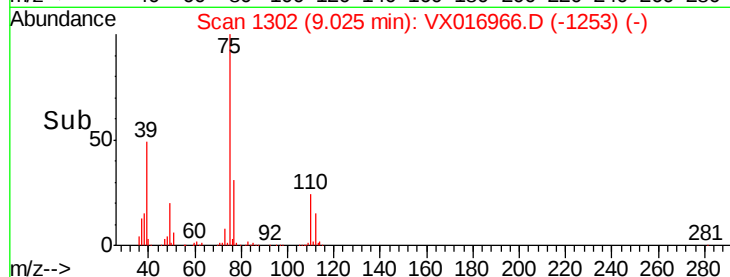
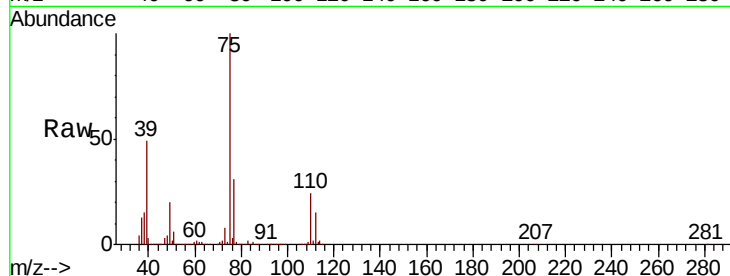
#53
t-1,3-Dichloropropene
Concen: 164.172 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.8	38.6

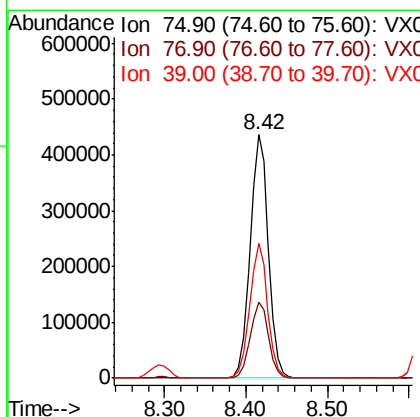
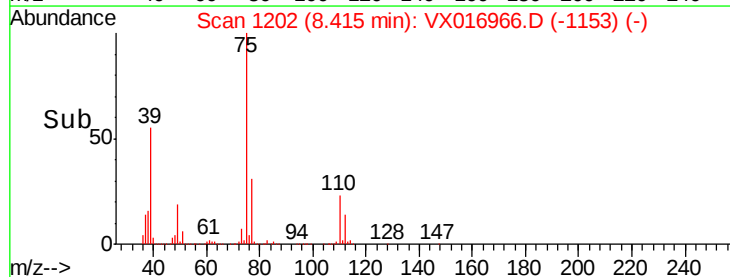
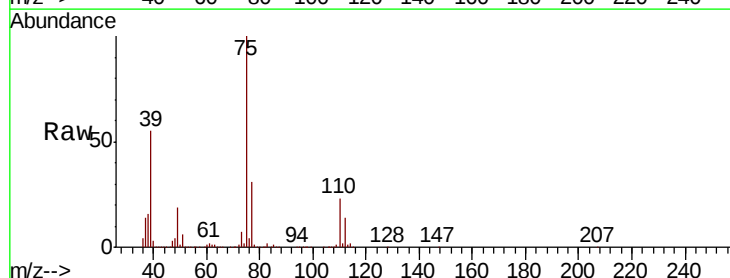
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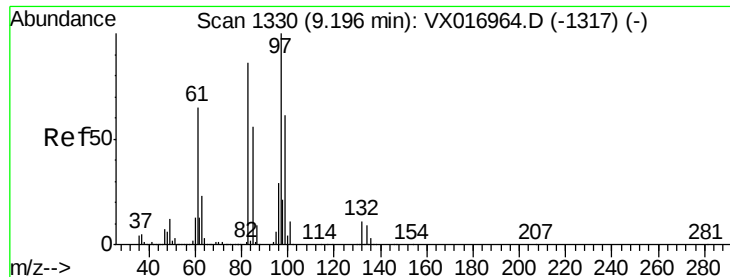
MMDadoda
6/29/2020 12:32:29 PM



#54
cis-1,3-Dichloropropene
Concen: 158.048 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.7	38.5
39	55.4	42.7	64.1





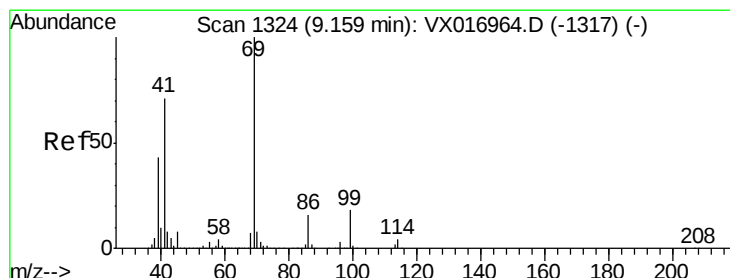
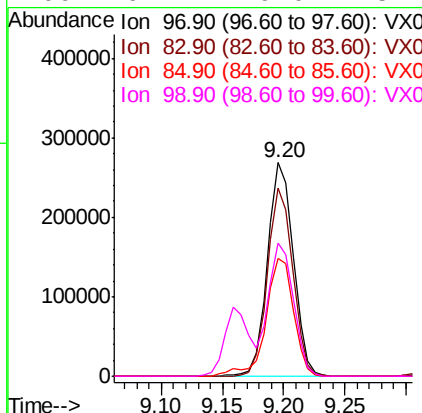
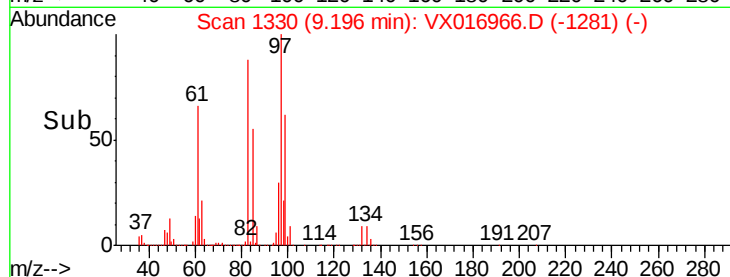
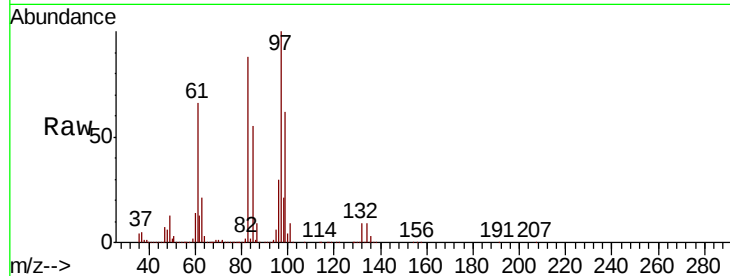
#55
 1,1,2-Trichloroethane
 Concen: 159.578 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016966.D
 Acq: 25 Jun 2020 20:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		396018		
83	88.3	68.6	103.0		
85	55.0	44.5	66.7		
99	62.1	49.0	73.4		

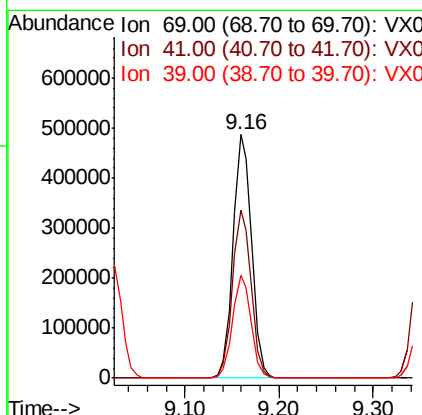
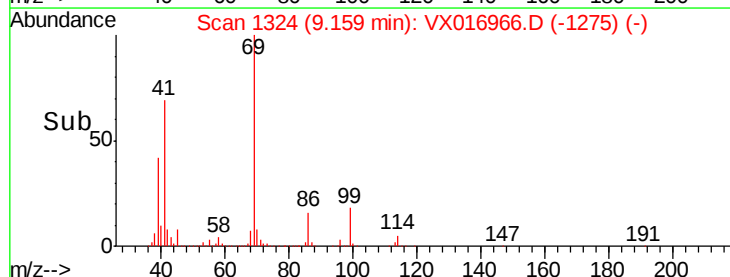
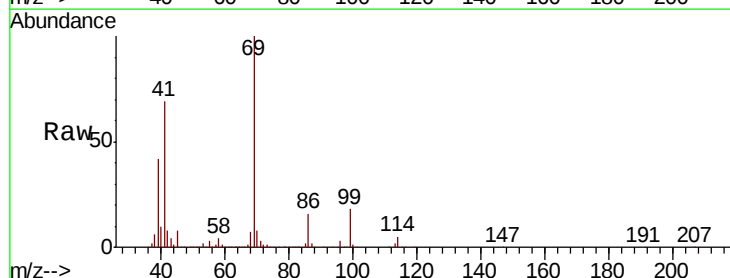
Manual Integrations
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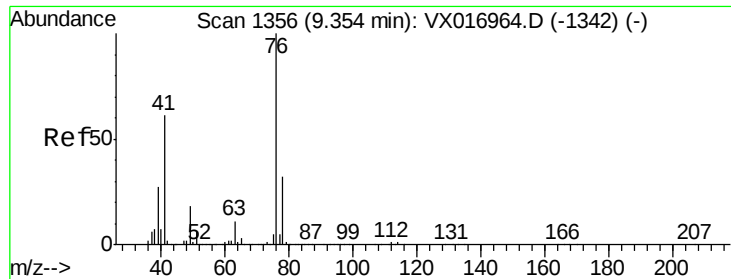
MMDadoda
 6/29/2020 12:32:29 PM



#56
 Ethyl methacrylate
 Concen: 166.316 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016966.D
 Acq: 25 Jun 2020 20:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		661020		
41	69.6	55.9	83.9		
39	42.1	34.6	51.8		





#57

1,3-Dichloropropane

Concen: 158.564 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 673122

Ion Ratio Lower Upper

76 100

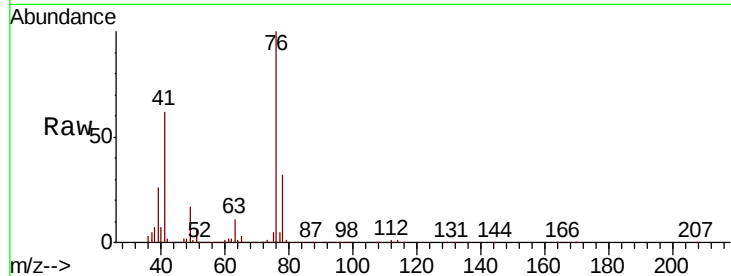
78 32.5 26.0 39.0

Manual Integrations

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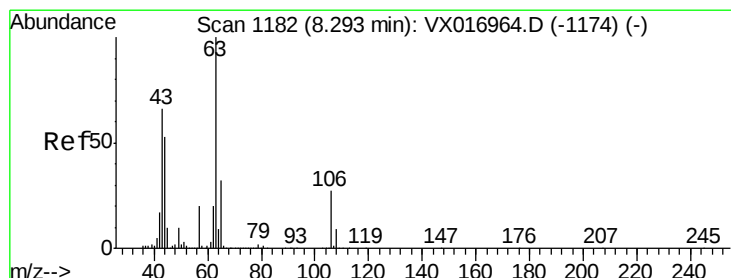
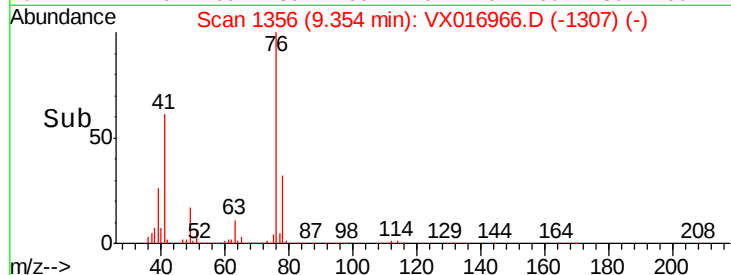
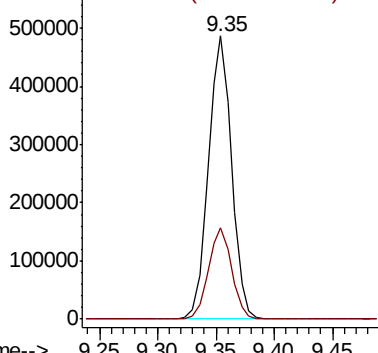
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 837.590 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016966.D

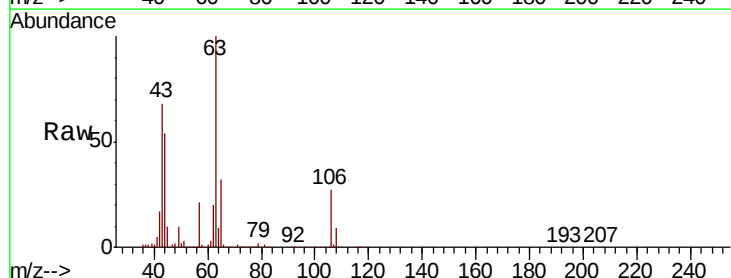
Acq: 25 Jun 2020 20:45

Tgt Ion: 63 Resp: 1655668

Ion Ratio Lower Upper

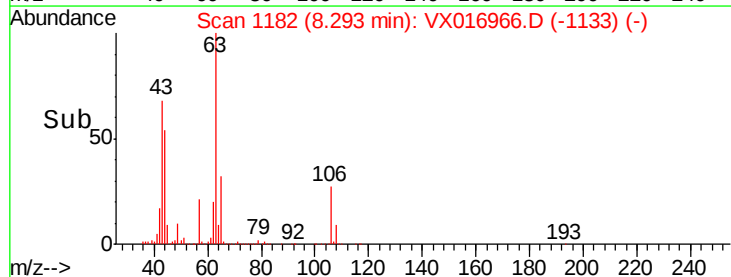
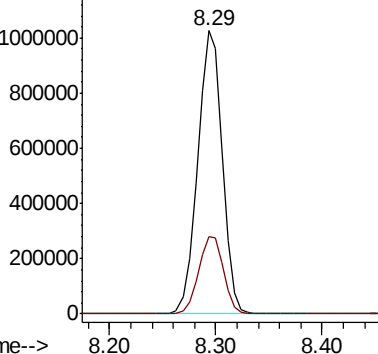
63 100

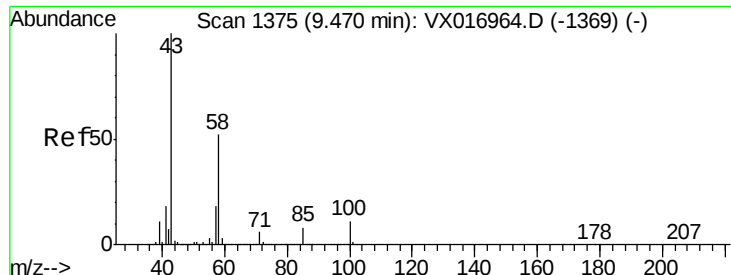
106 27.6 22.1 33.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





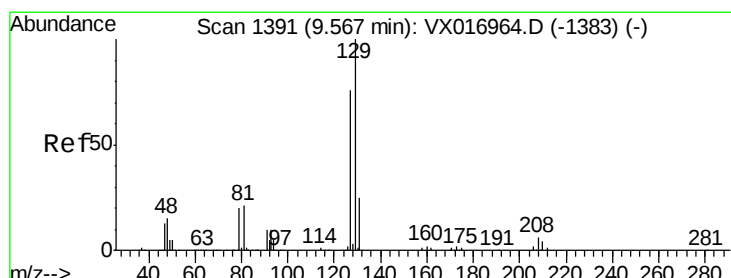
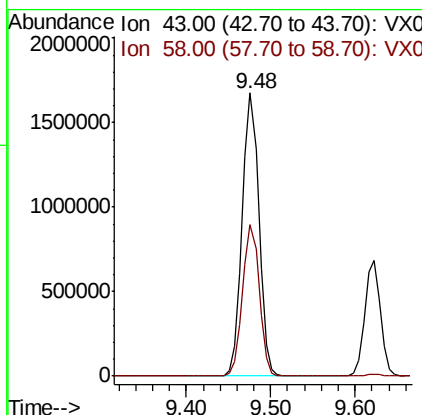
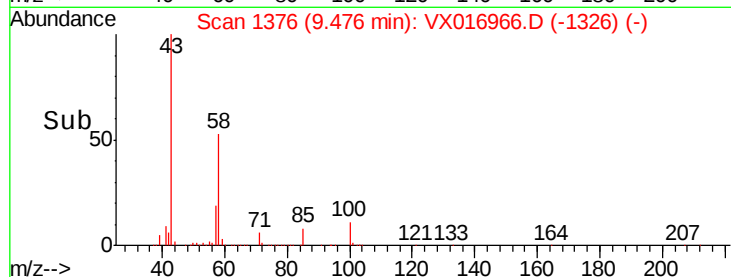
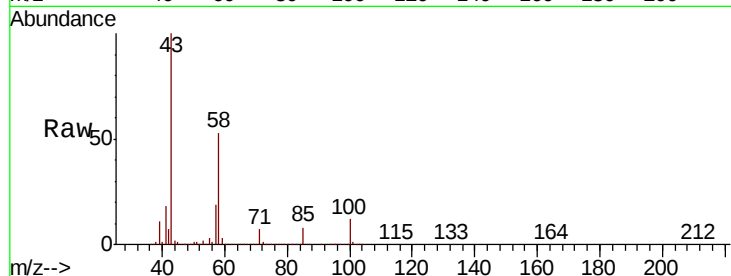
#59
2-Hexanone
Concen: 881.361 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 2206828
Ion Ratio Lower Upper
43 100
58 53.5 26.3 78.9

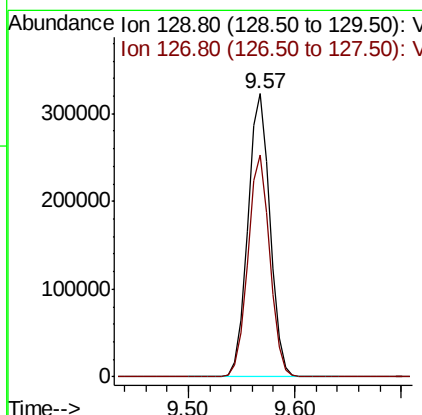
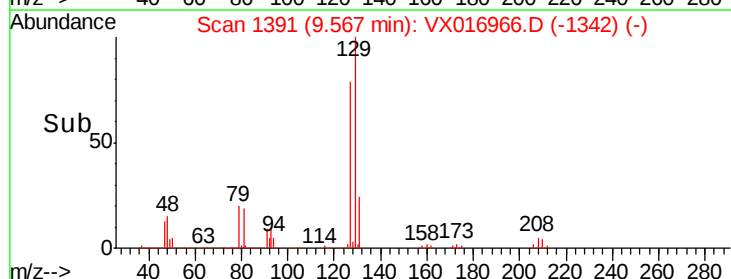
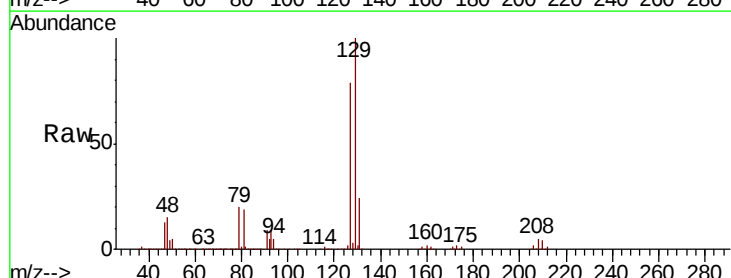
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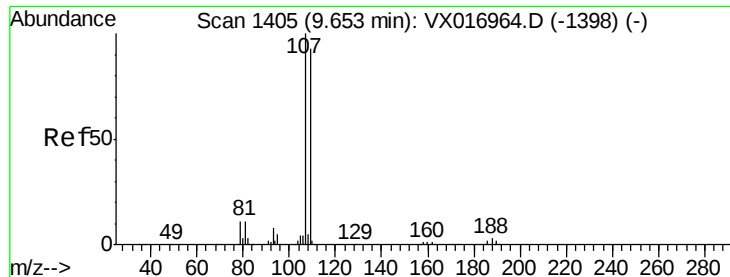
MMDadoda
6/29/2020 12:32:29 PM



#60
Dibromochloromethane
Concen: 186.691 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Tgt Ion: 129 Resp: 470625
Ion Ratio Lower Upper
129 100
127 77.6 38.0 114.0





#61

1,2-Dibromoethane

Concen: 166.619 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:107 Resp: 429877

Ion Ratio Lower Upper

107 100

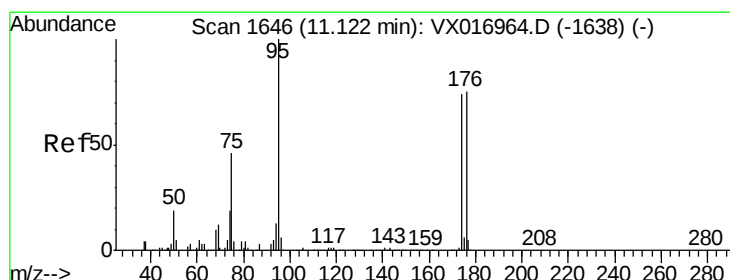
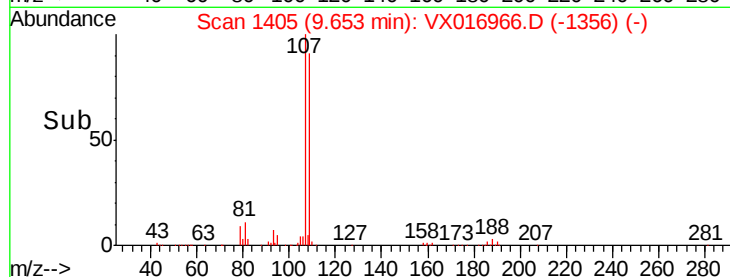
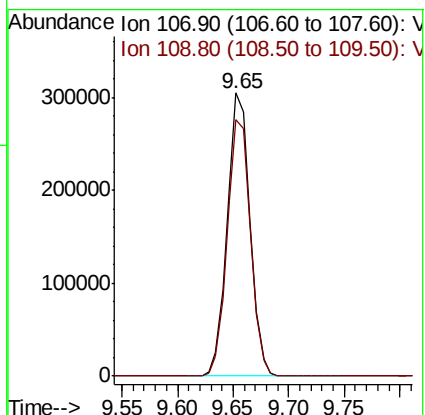
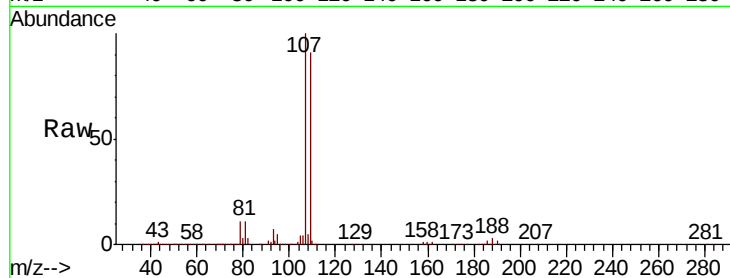
109 93.1 75.0 112.6

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#62

4-Bromofluorobenzene

Concen: 163.210 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

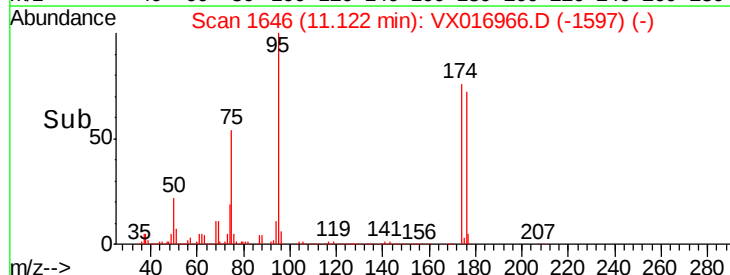
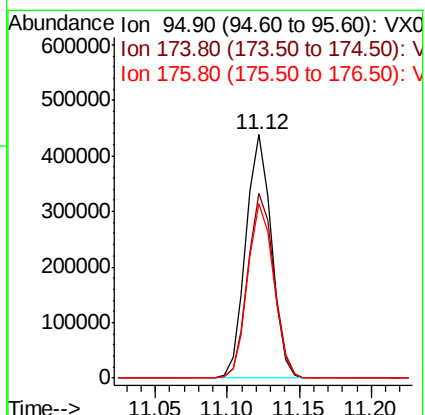
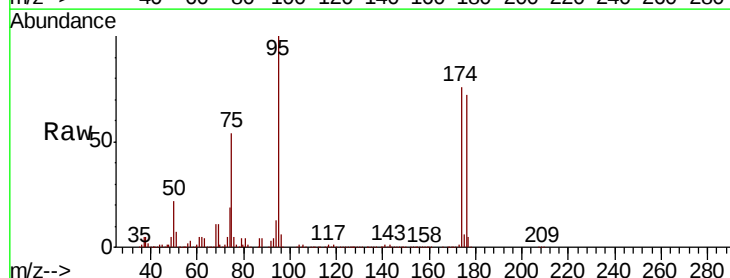
Tgt Ion: 95 Resp: 538770

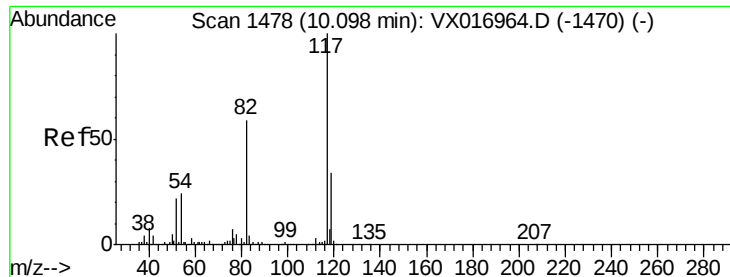
Ion Ratio Lower Upper

95 100

174 77.4 0.0 149.6

176 72.8 0.0 148.2





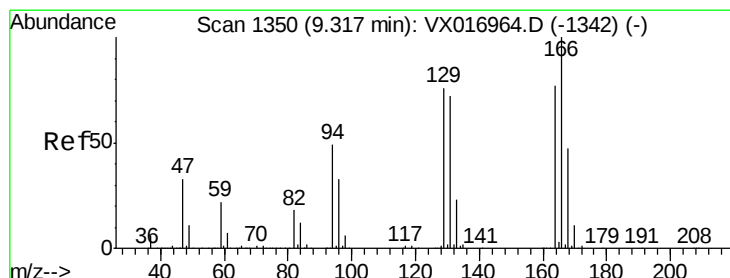
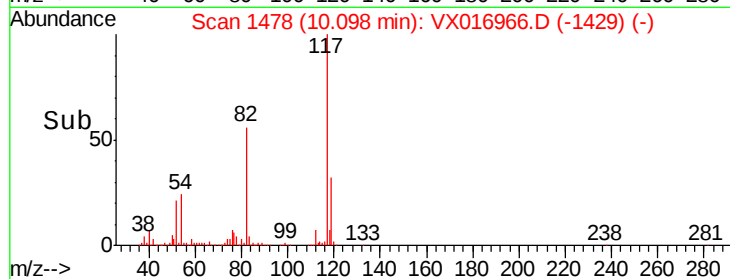
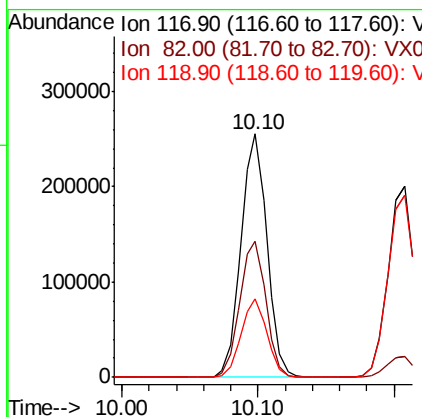
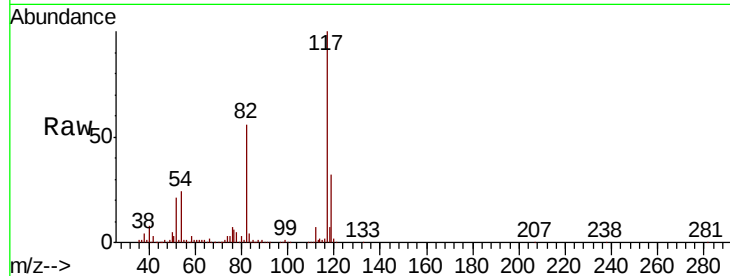
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	46.8	70.2
119	32.2	27.3	40.9

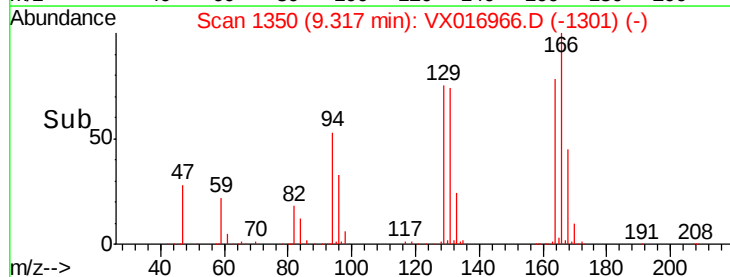
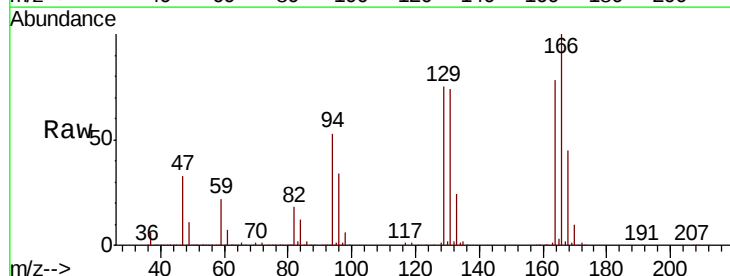
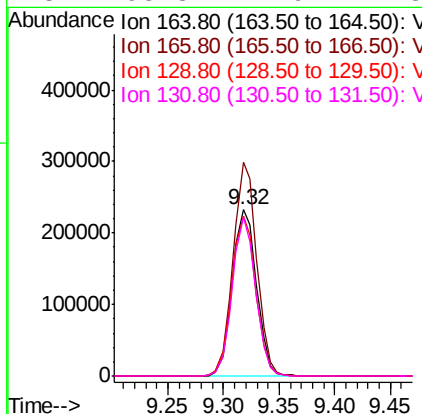
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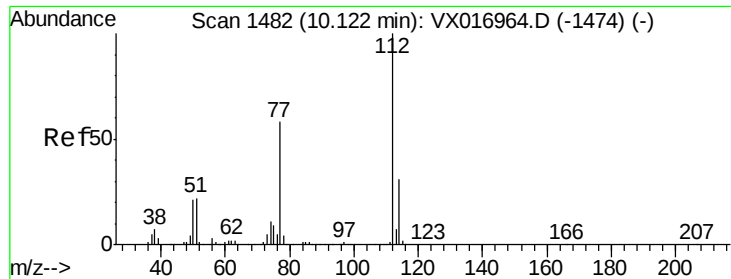
MMDadoda
6/29/2020 12:32:29 PM



#64
Tetrachloroethene
Concen: 109.133 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.5	104.2	156.4
129	96.6	79.3	118.9
131	95.3	74.9	112.3





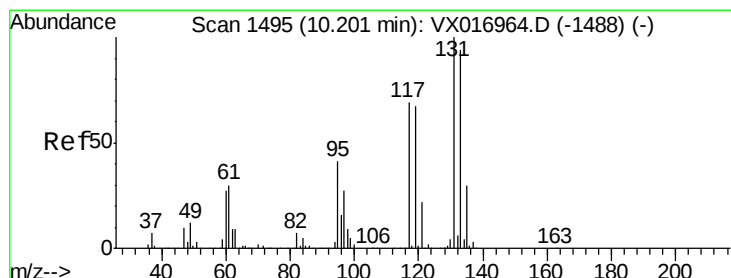
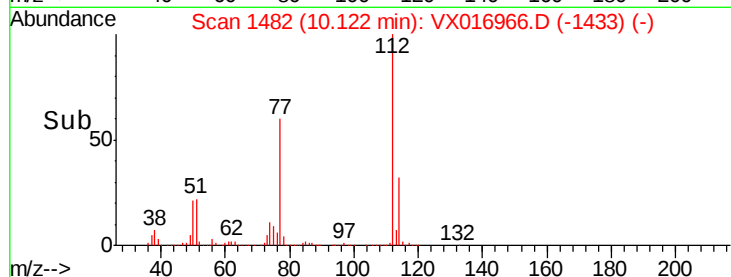
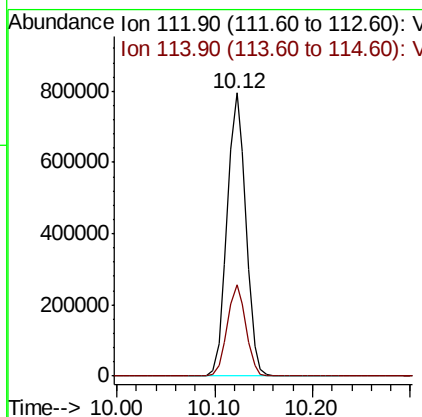
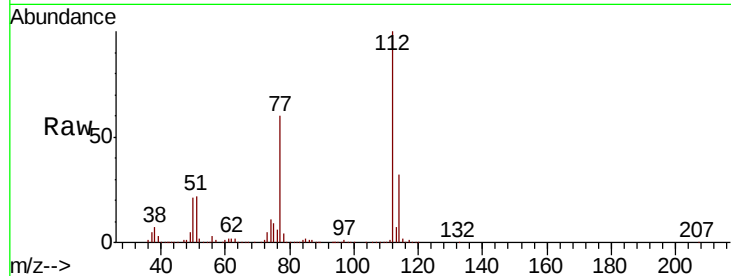
#65
Chlorobenzene
Concen: 157.067 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 1060422
Ion Ratio Lower Upper
112 100
114 32.4 24.8 37.2

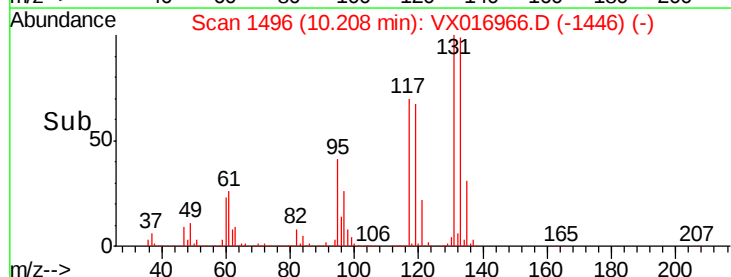
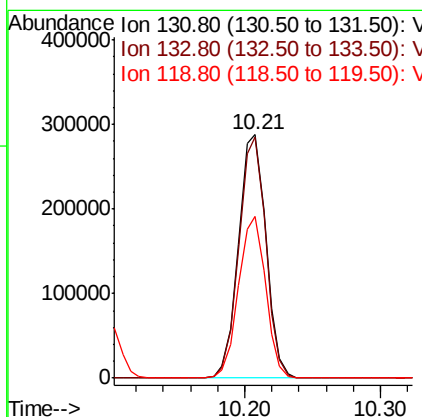
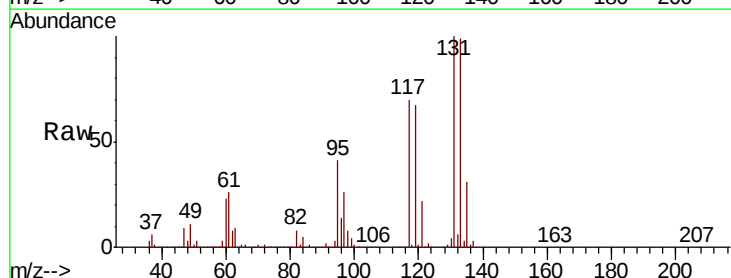
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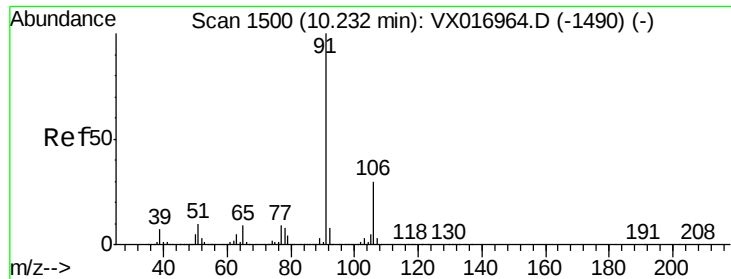
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 167.476 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Tgt Ion:131 Resp: 405353
Ion Ratio Lower Upper
131 100
133 96.6 48.0 144.0
119 65.4 32.8 98.4





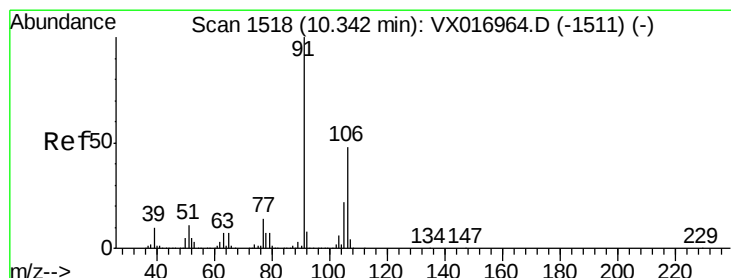
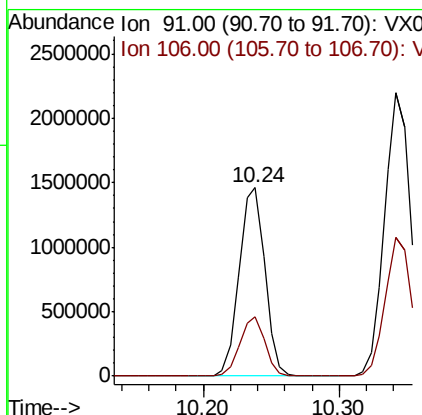
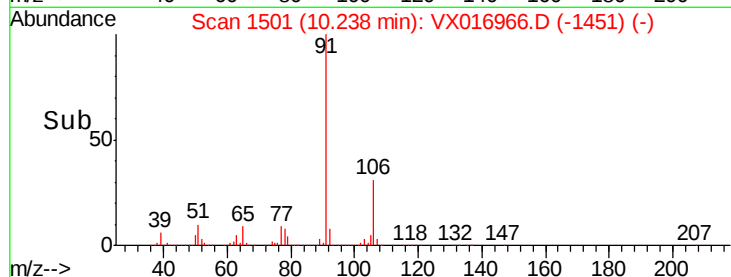
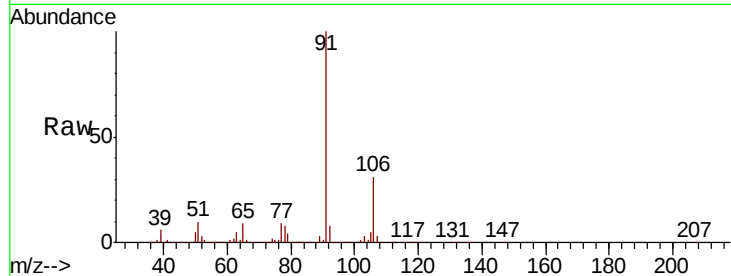
#67
Ethyl Benzene
Concen: 154.340 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1920090
Ion Ratio Lower Upper
91 100
106 31.4 24.1 36.1

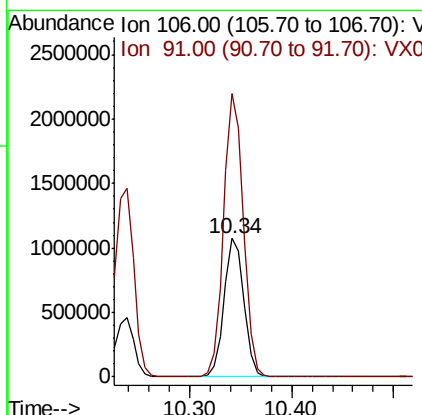
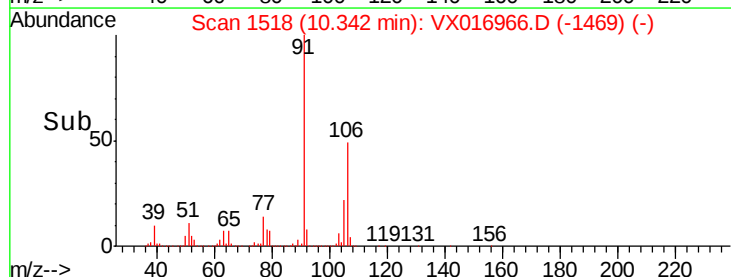
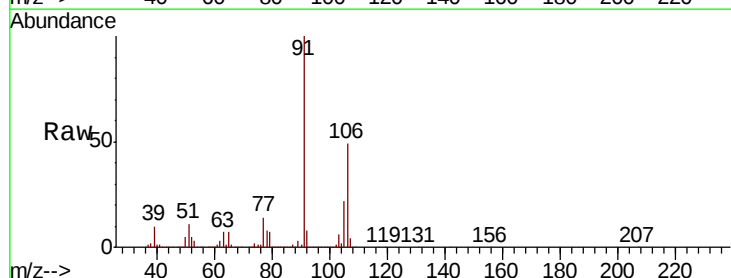
Manual Integrations
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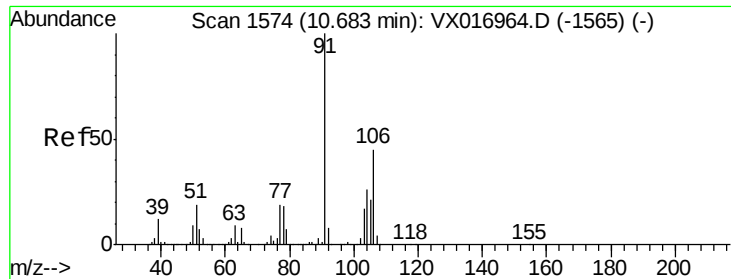
MMDadoda
6/29/2020 12:32:29 PM



#68
m/p-Xylenes
Concen: 316.400 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Tgt Ion: 106 Resp: 1445955
Ion Ratio Lower Upper
106 100
91 204.1 164.1 246.1





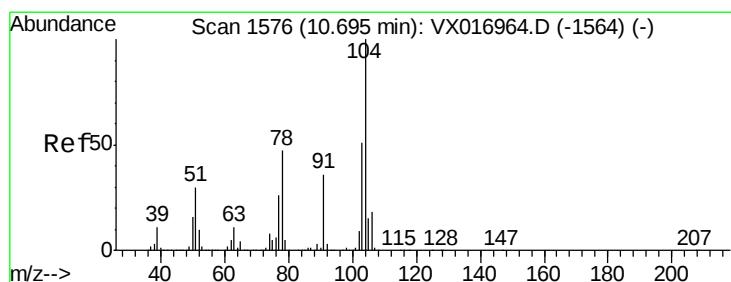
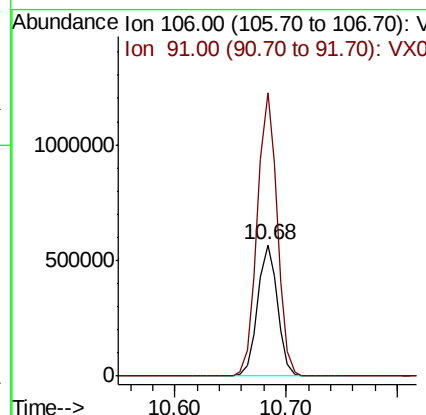
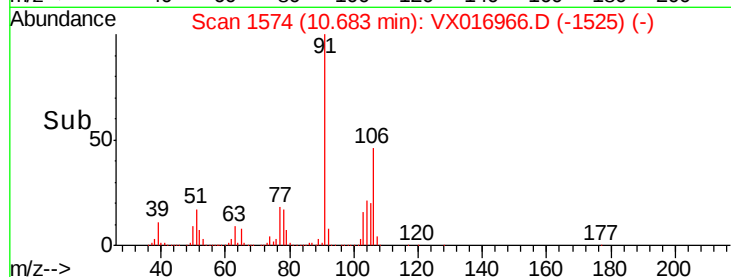
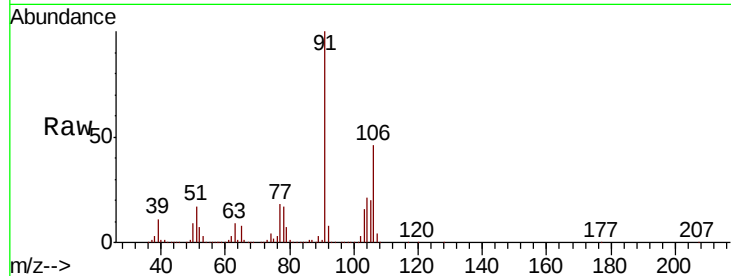
#69
o-Xylene
Concen: 158.590 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	216.7	109.1	327.2	

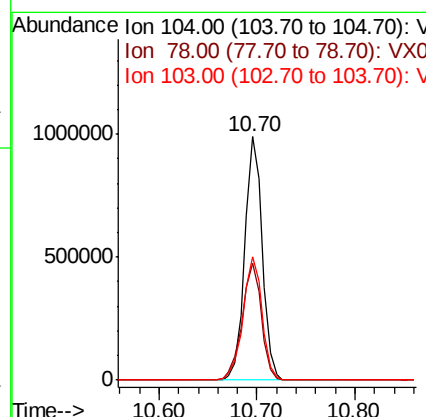
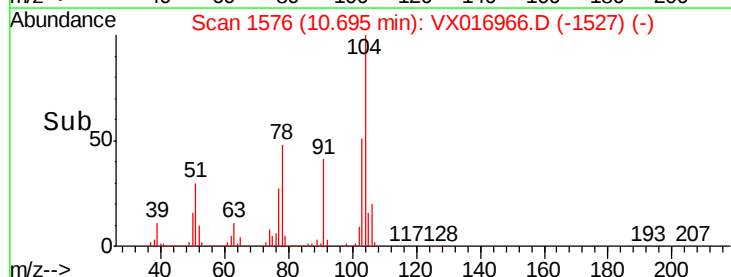
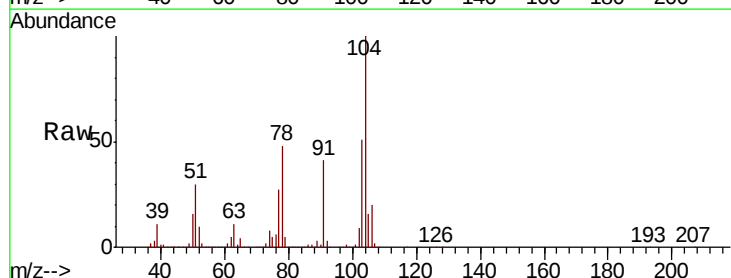
Manual Integrations
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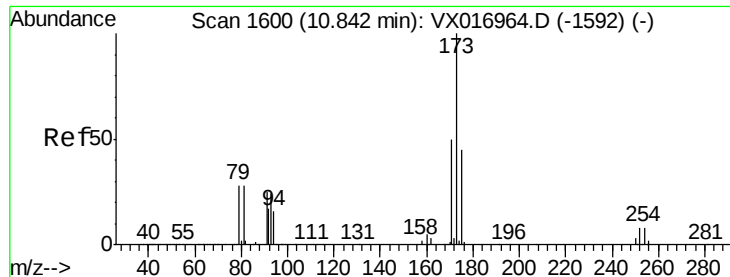
MMDadoda
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#70
Styrene
Concen: 159.968 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	53.2	41.9	62.9	
103	55.2	43.9	65.9	





#71

Bromoform

Concen: 195.800 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:173 Resp: 331576

Ion Ratio Lower Upper

173 100

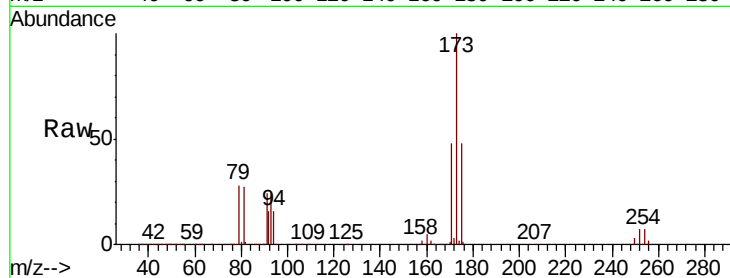
175 48.9 23.4 70.2

254 0.2 0.0 0.0#

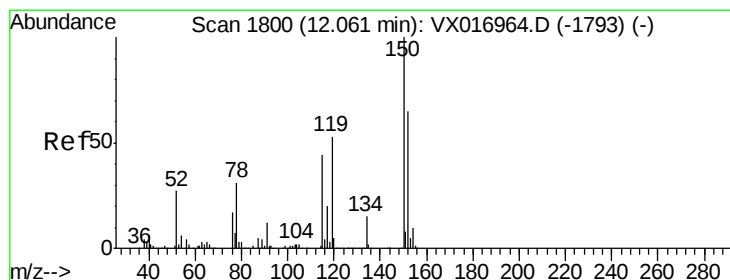
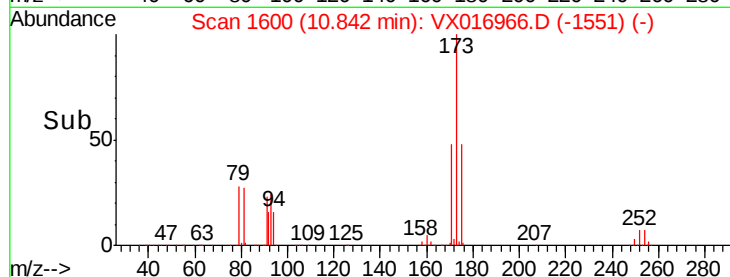
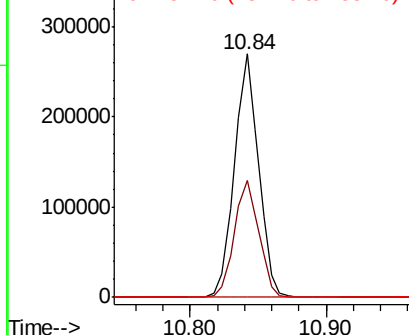
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

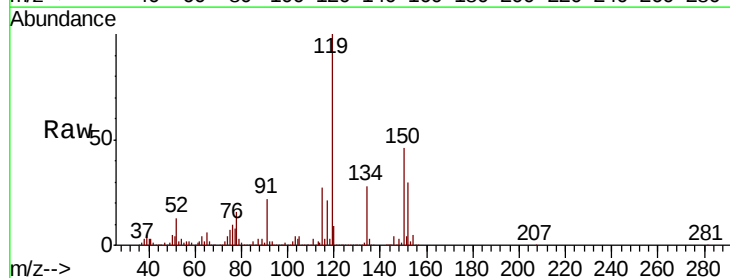
Tgt Ion:152 Resp: 169698

Ion Ratio Lower Upper

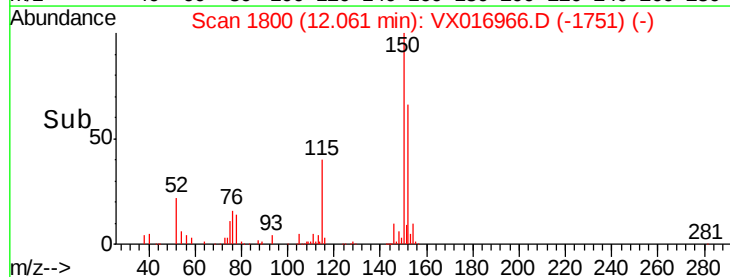
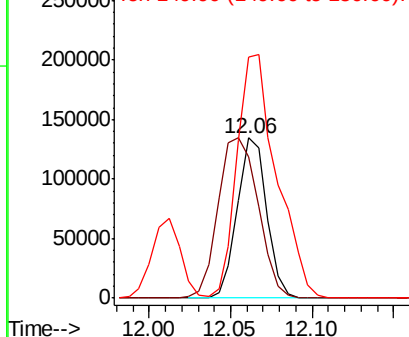
152 100

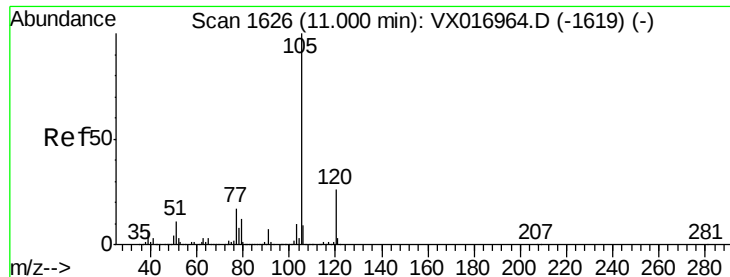
115 135.9 42.8 128.4#

150 204.3 0.0 347.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 152.694 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 1906410

Ion Ratio Lower Upper

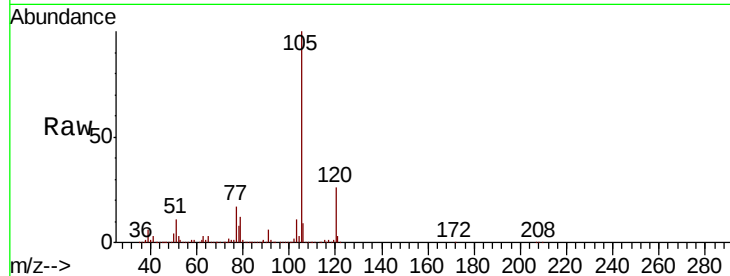
105 100

120 26.7 13.1 39.1

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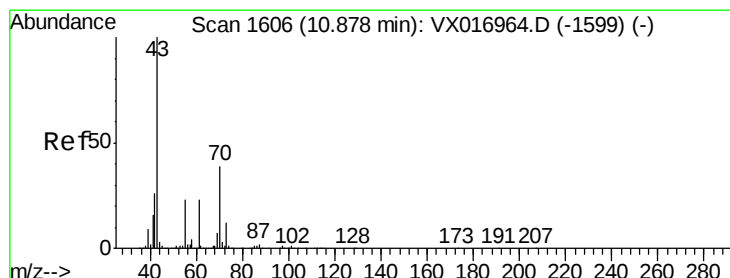
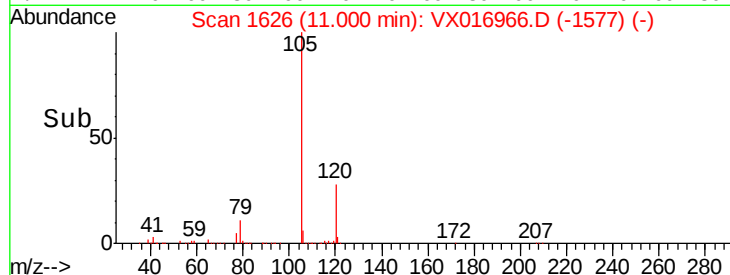
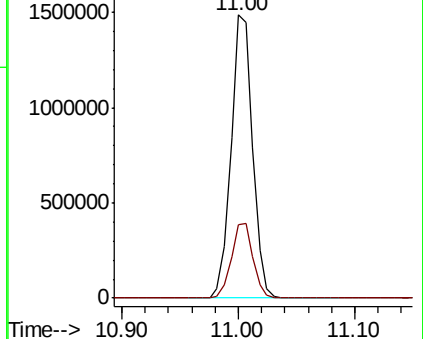
MMDadoda

6/29/2020 12:32:29 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 165.273 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Tgt Ion: 43 Resp: 911930

Ion Ratio Lower Upper

43 100

70 40.9 32.1 48.1

55 22.4 18.6 28.0

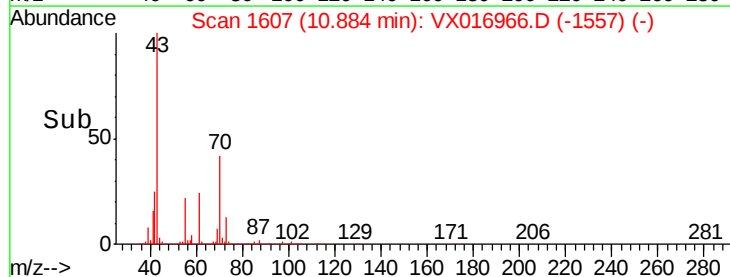
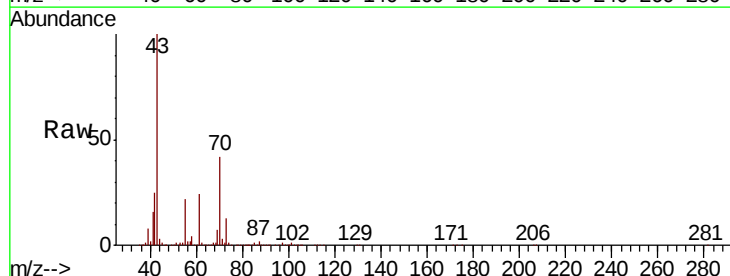
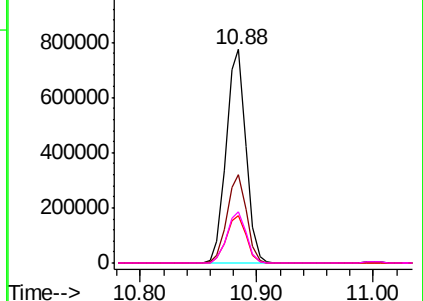
61 23.6 18.8 28.2

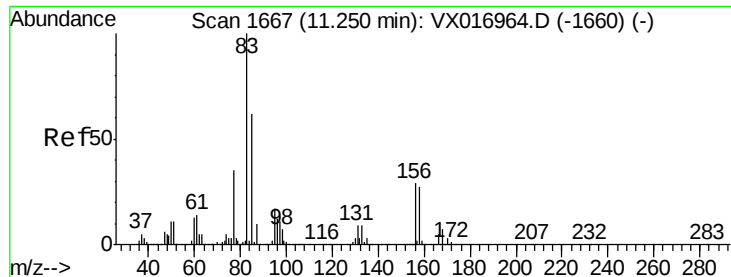
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 195.209 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

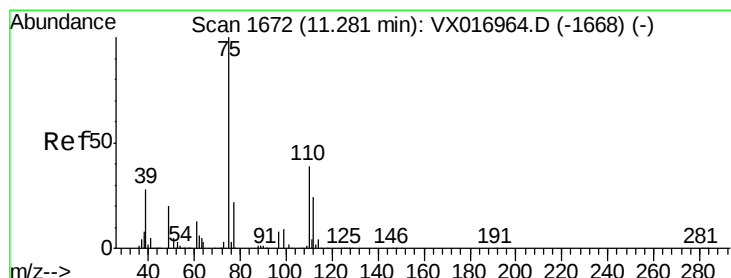
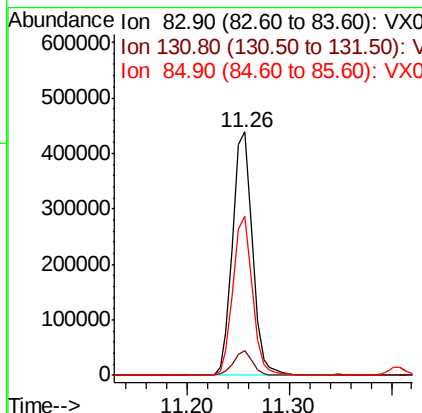
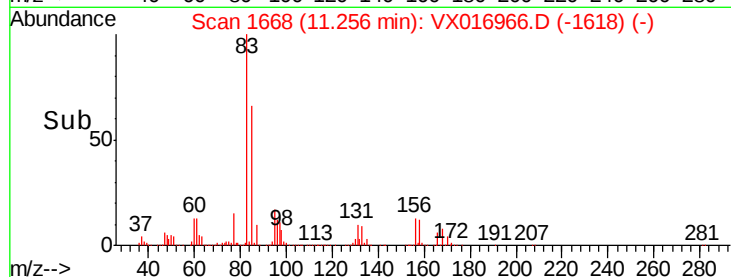
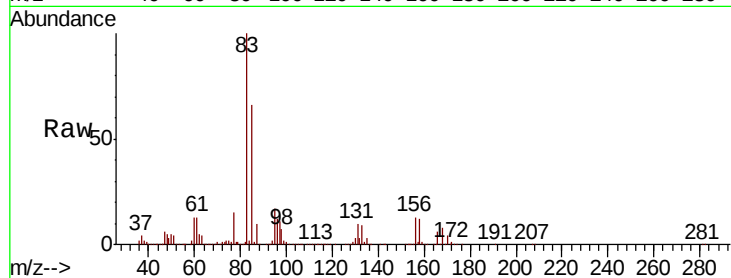
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	586611
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.9	14.7
85	64.2	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 143.810 ug/l m

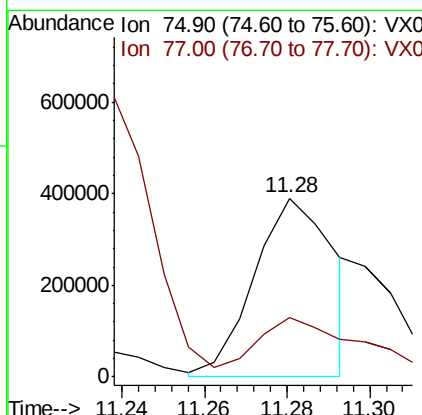
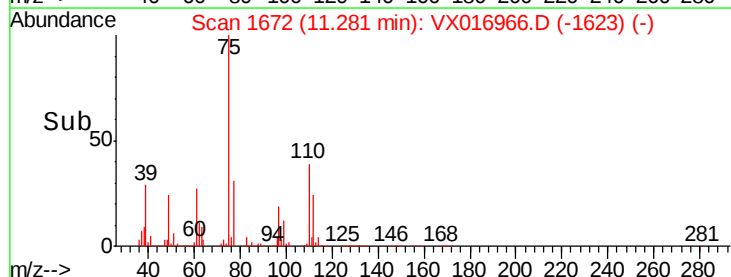
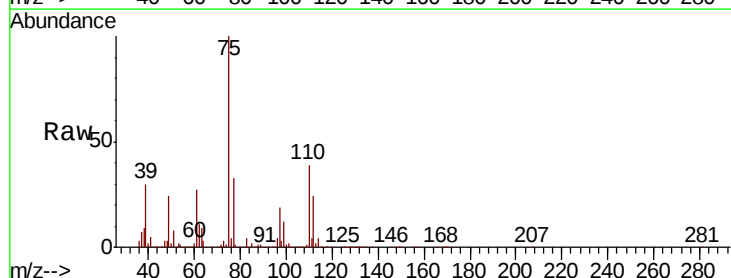
RT: 11.28 min Scan# 1672

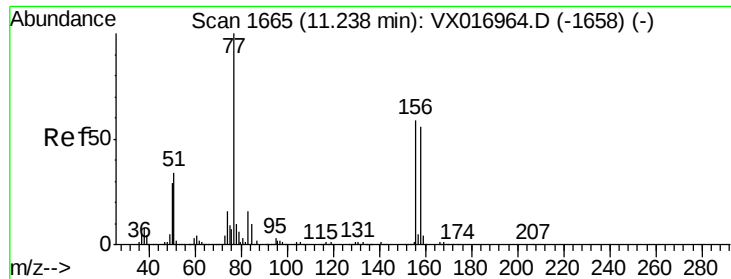
Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Tgt Ion:	75	Resp:	523538
Ion Ratio	Lower	Upper	
75	100		
77	43.8	20.3	61.0





#77

Bromobenzene

Concen: 160.568 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

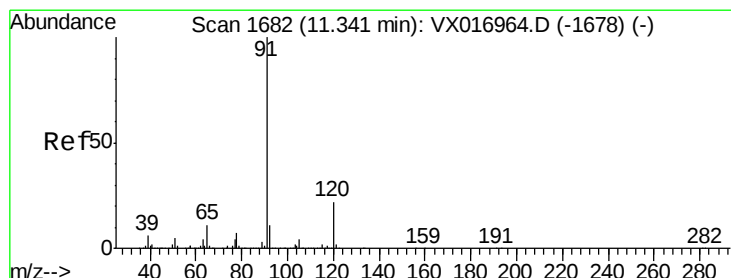
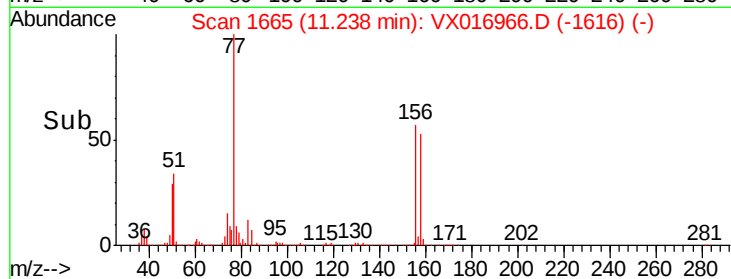
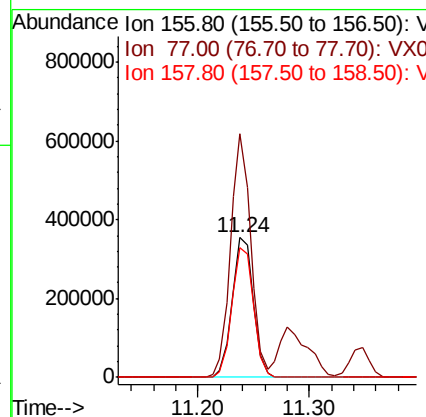
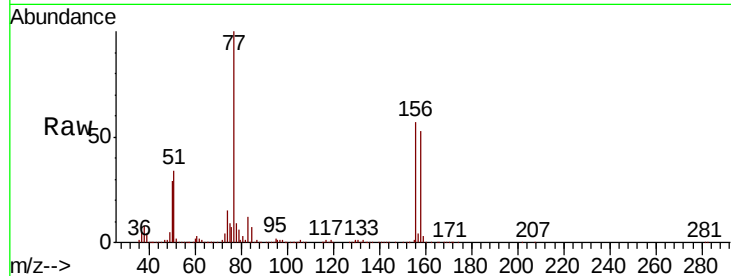
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
156	100		
77	167.0	85.2	255.6
158	94.7	48.3	144.9

Manual Integrations
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#78

n-propylbenzene

Concen: 150.570 ug/l

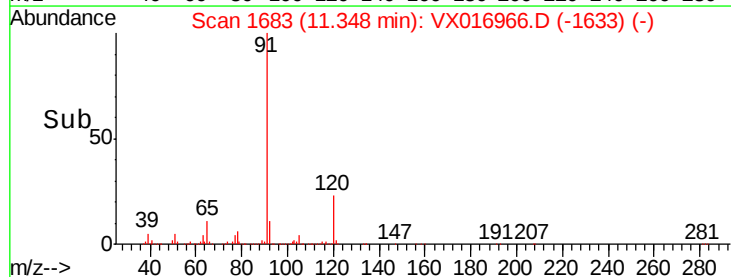
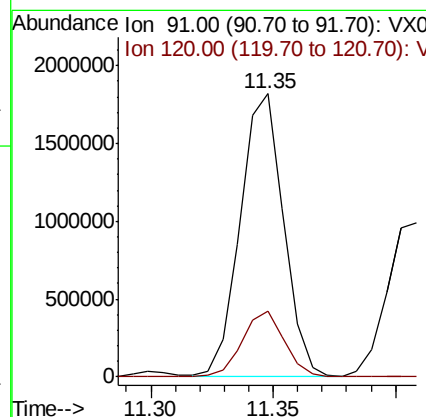
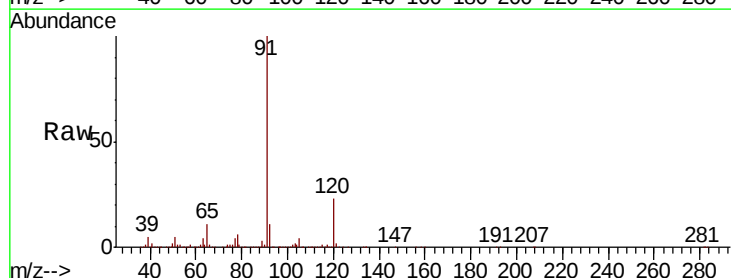
RT: 11.35 min Scan# 1683

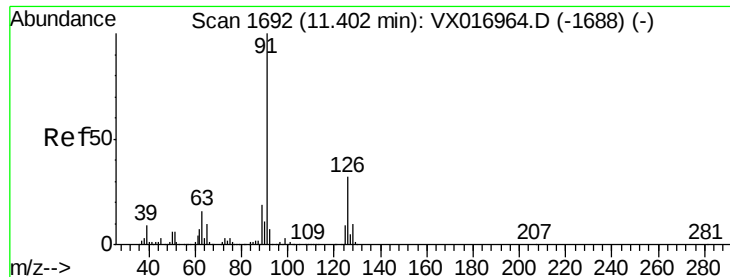
Delta R.T. 0.01 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.3	33.8





#79

2-Chlorotoluene

Concen: 146.698 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1275634

Ion Ratio Lower Upper

91 100

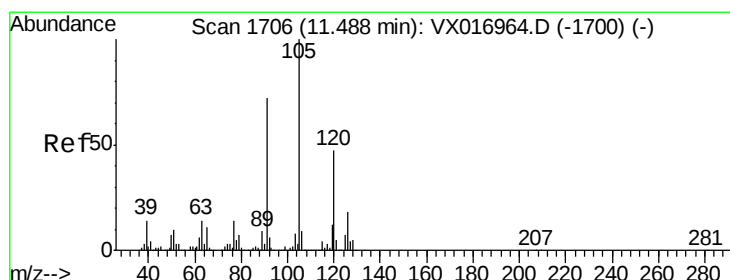
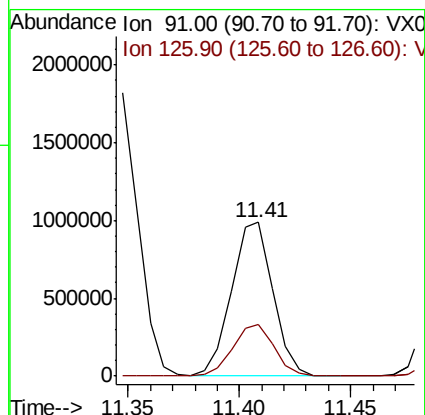
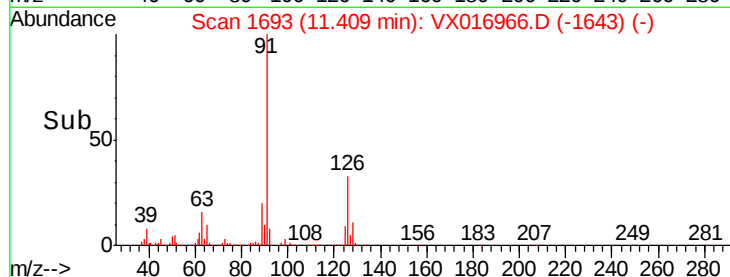
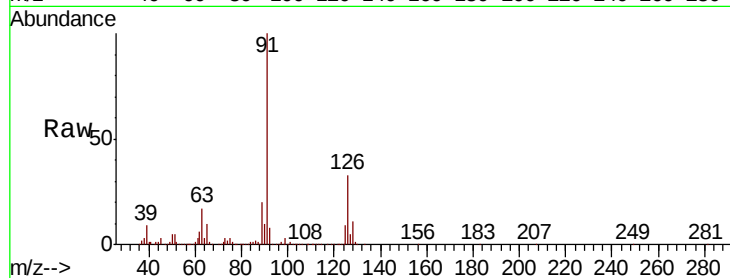
126 33.4 16.6 49.8

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 150.514 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016966.D

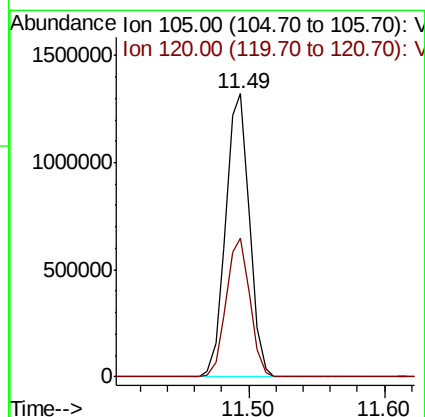
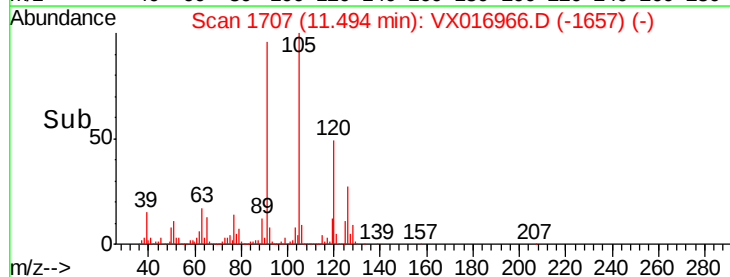
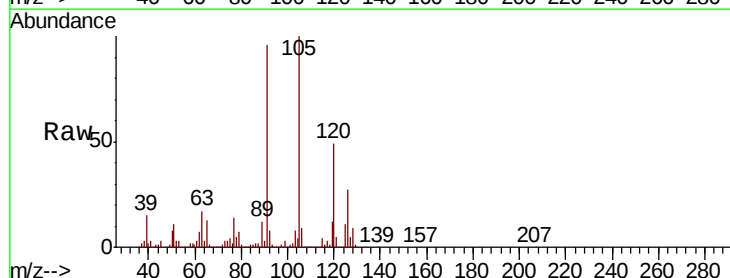
Acq: 25 Jun 2020 20:45

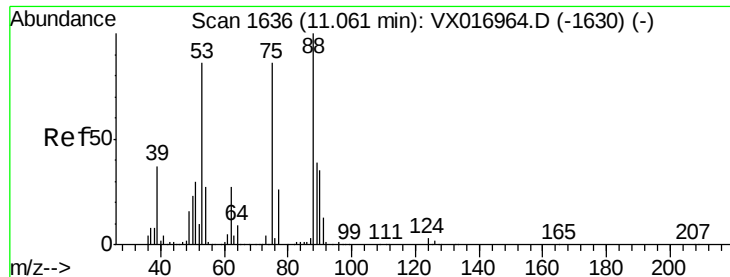
Tgt Ion: 105 Resp: 1594816

Ion Ratio Lower Upper

105 100

120 48.8 24.2 72.6





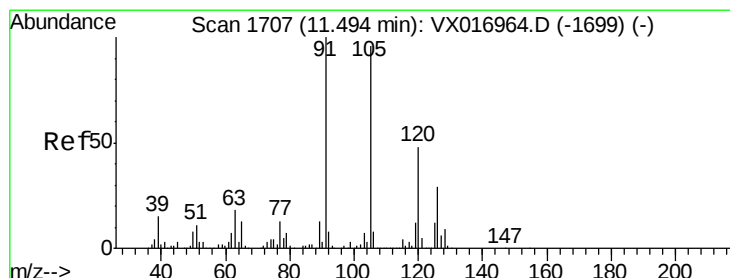
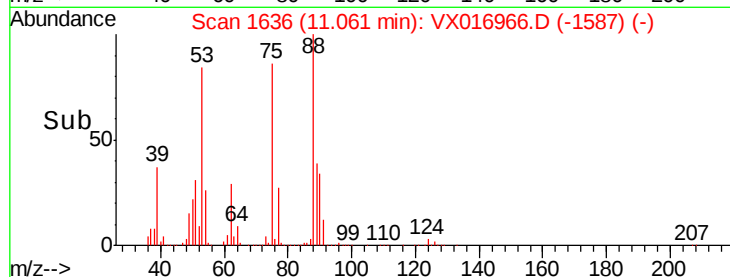
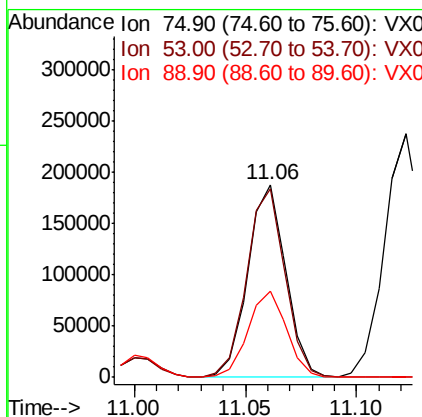
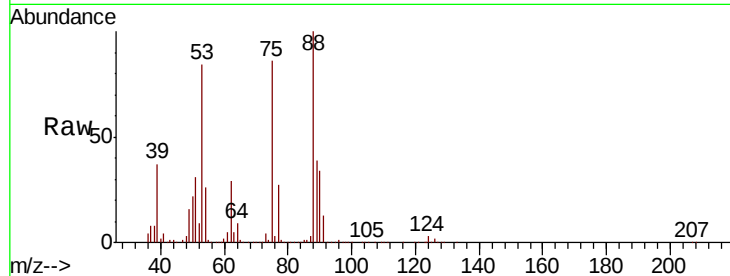
#81
trans-1,4-Dichloro-2-butene
Concen: 141.141 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.9	81.9	122.9
89	45.6	35.5	53.3

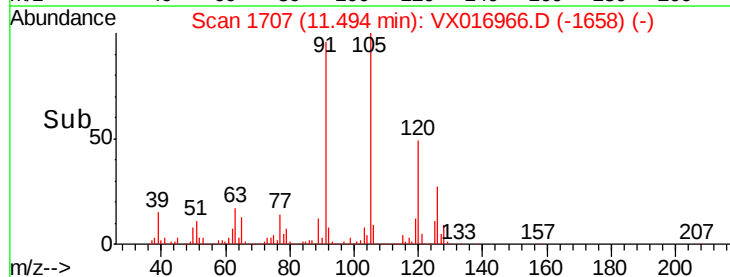
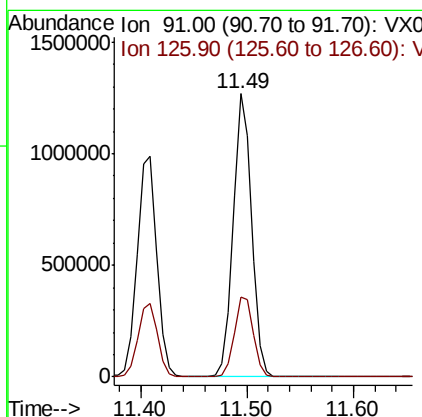
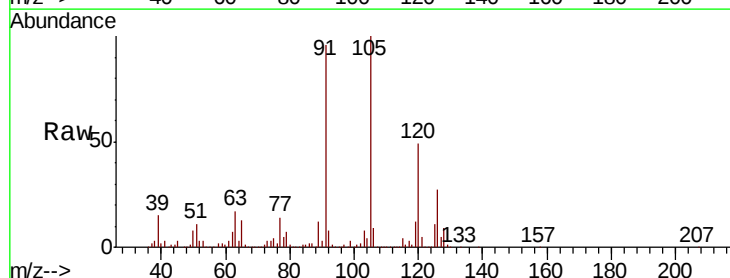
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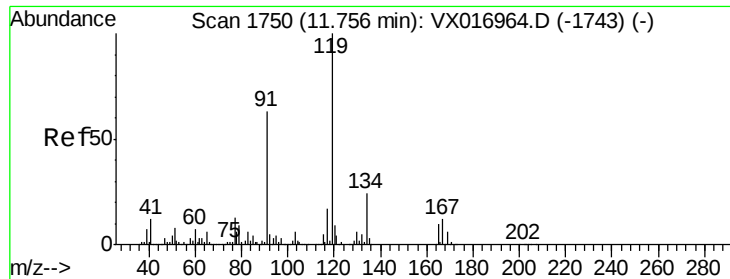
MMDadoda
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#82
4-Chlorotoluene
Concen: 148.086 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.6	44.0





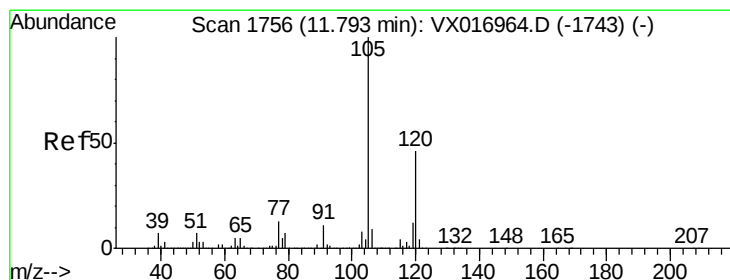
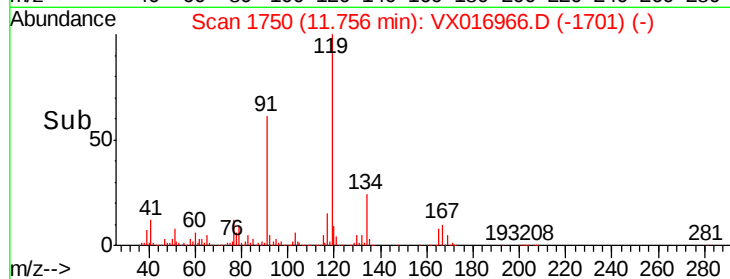
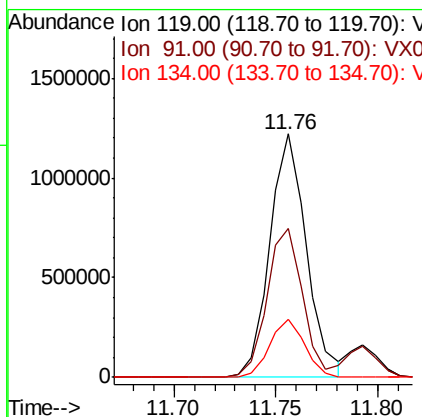
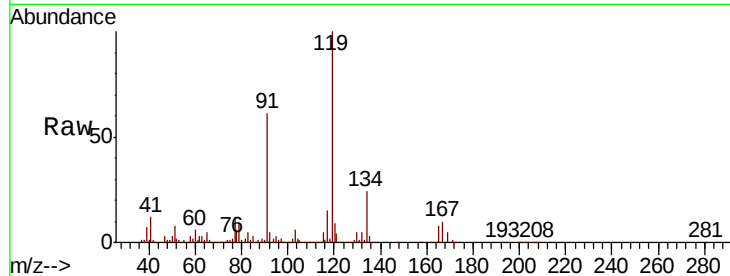
#83
tert-Butylbenzene
Concen: 166.865 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.2	30.0	90.0
134	23.1	11.8	35.3

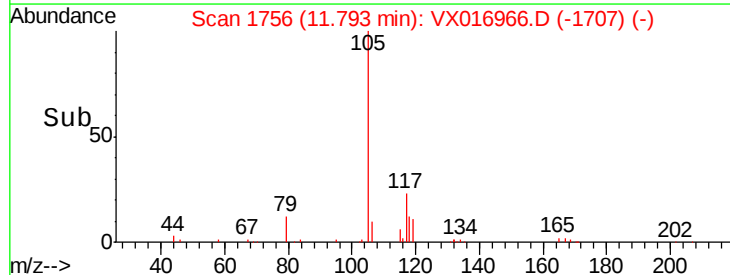
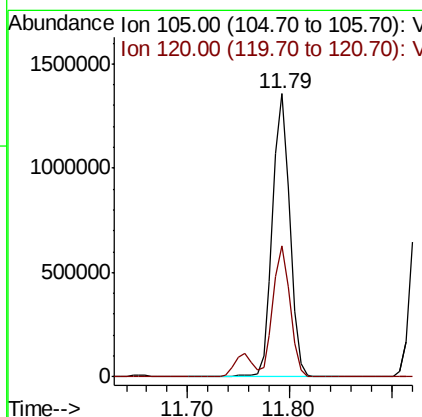
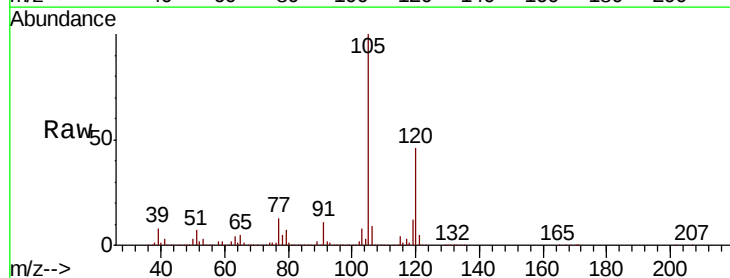
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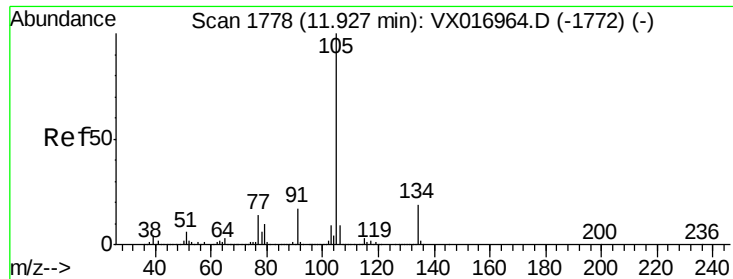
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 145.585 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.4	67.3





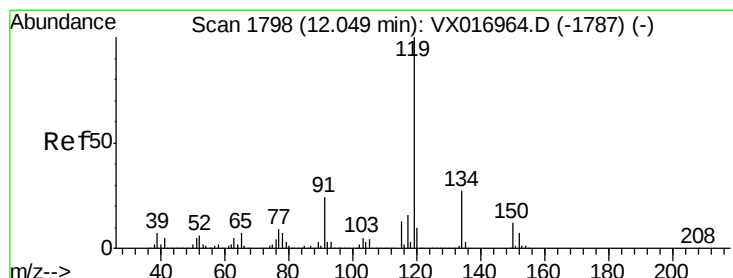
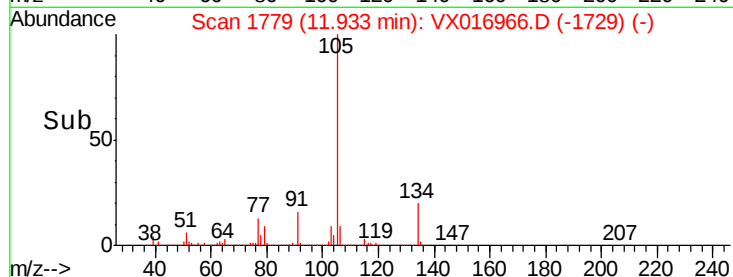
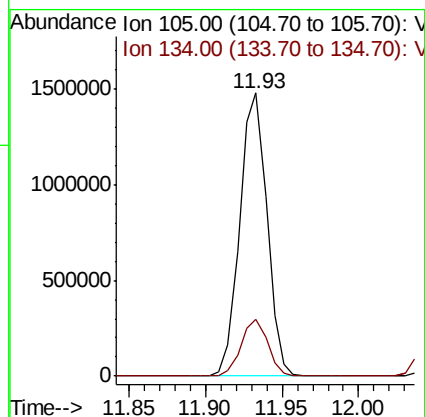
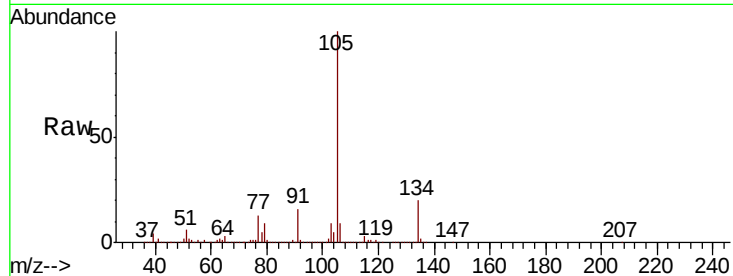
#85
 sec-Butylbenzene
 Concen: 148.983 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX016966.D
 Acq: 25 Jun 2020 20:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 1818644
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.1 30.1

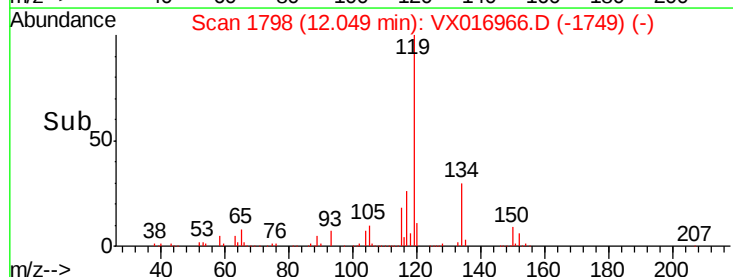
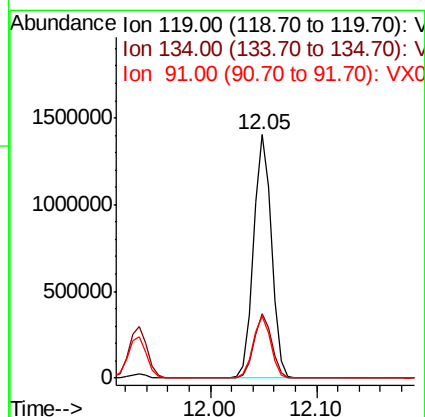
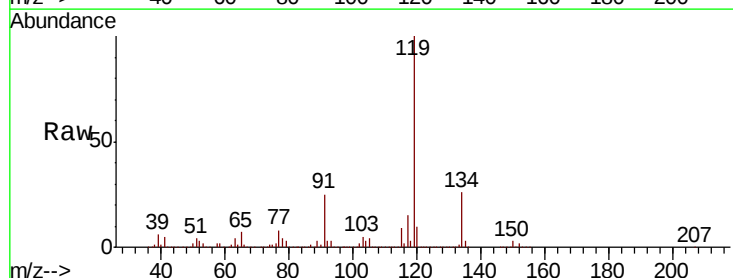
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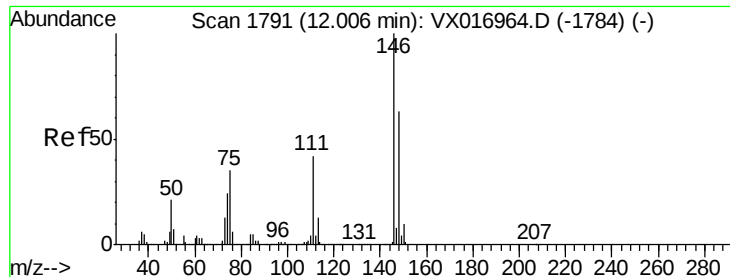
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#86
 p-Isopropyltoluene
 Concen: 148.381 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016966.D
 Acq: 25 Jun 2020 20:45

Tgt Ion:119 Resp: 1653622
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.3
 91 24.9 12.4 37.4





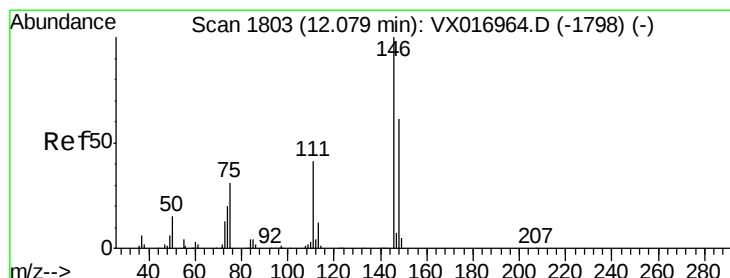
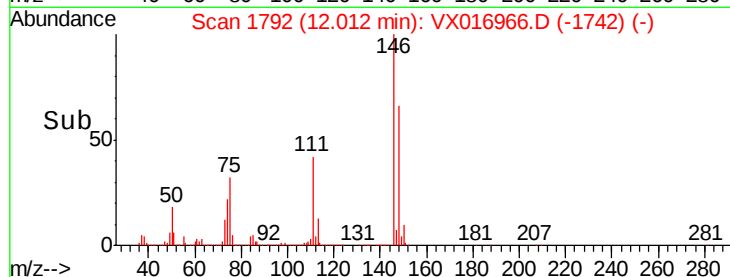
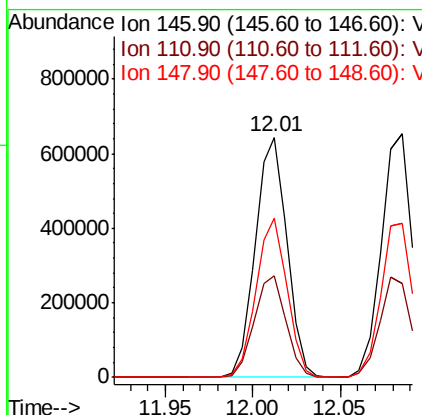
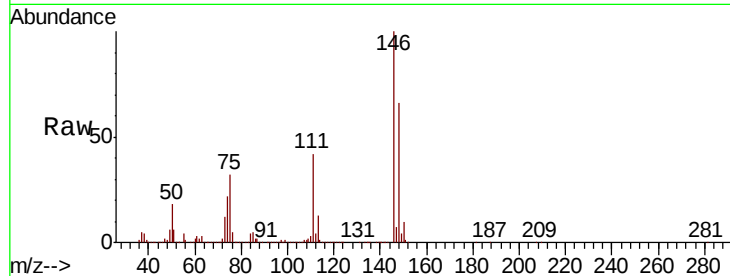
#87
 1,3-Dichlorobenzene
 Concen: 152.724 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX016966.D
 Acq: 25 Jun 2020 20:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.3	60.9
148	64.9	32.1	96.3

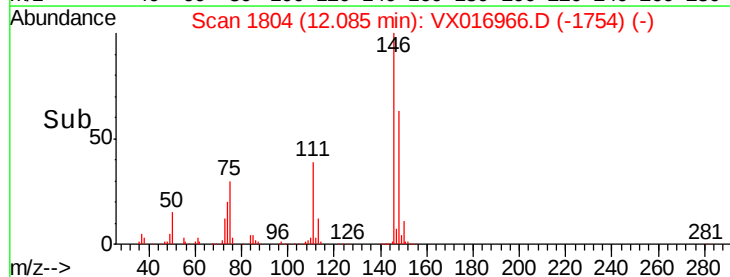
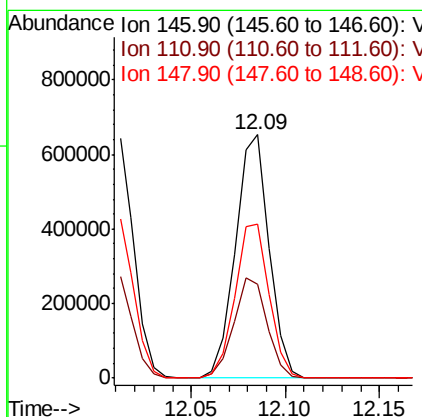
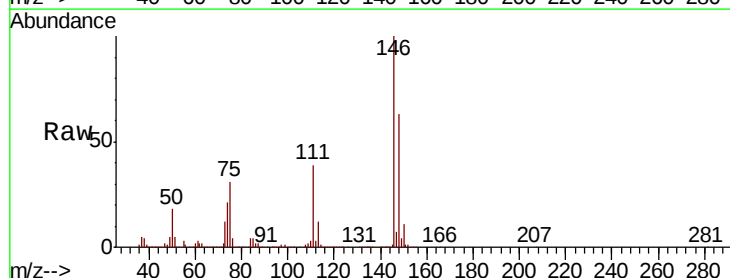
Manual Integrations
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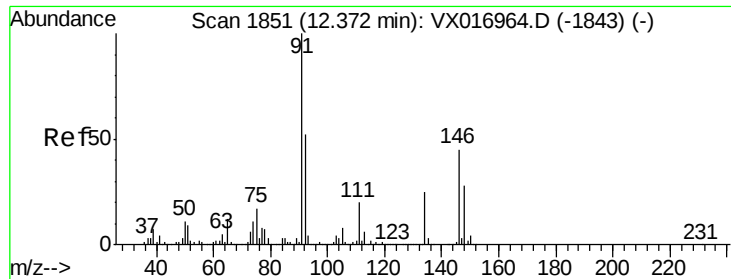
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#88
 1,4-Dichlorobenzene
 Concen: 148.020 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX016966.D
 Acq: 25 Jun 2020 20:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	19.9	59.7
148	64.5	31.3	93.9





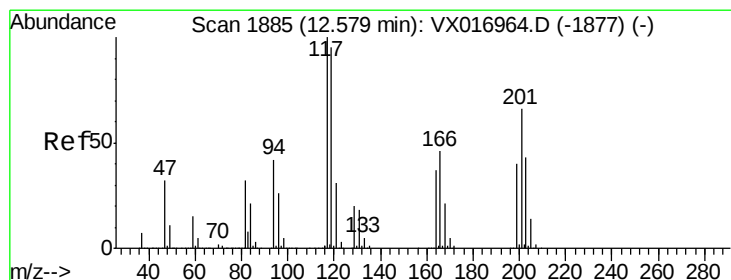
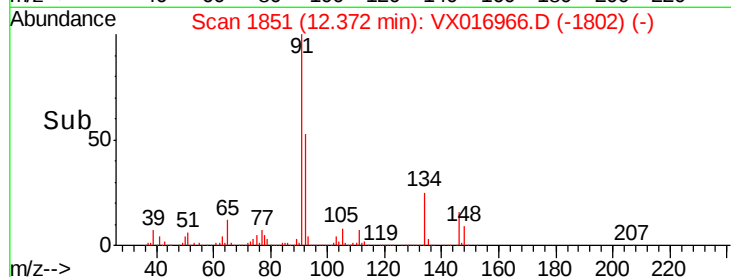
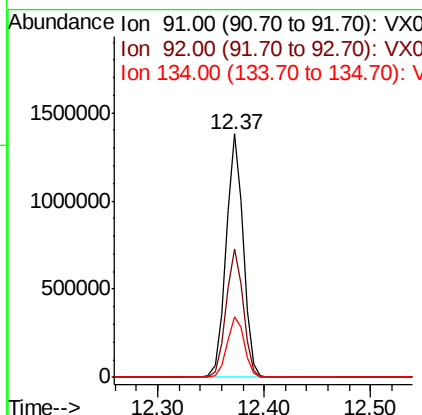
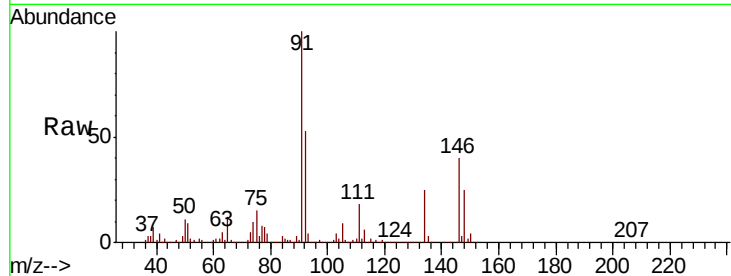
#89
n-Butylbenzene
Concen: 147.907 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1546380
Ion Ratio Lower Upper
91 100
92 53.3 26.6 79.7
134 25.3 12.6 37.8

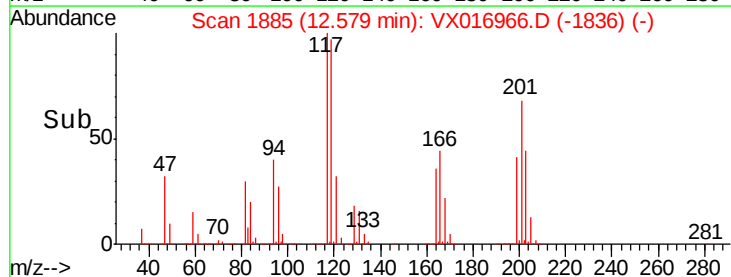
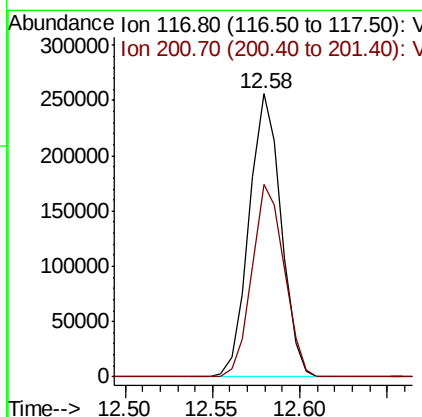
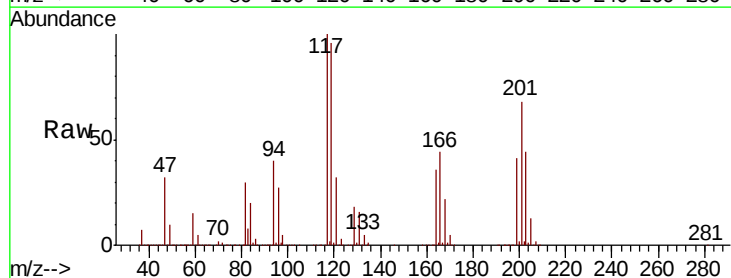
Manual Integrations
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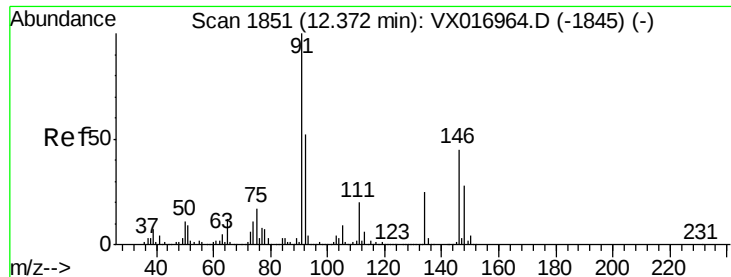
MMDadoda
6/29/2020 12:32:29 PM



#90
Hexachloroethane
Concen: 179.468 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Tgt Ion: 117 Resp: 325481
Ion Ratio Lower Upper
117 100
201 68.8 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 154.051 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Instrument :

MSVOA_X

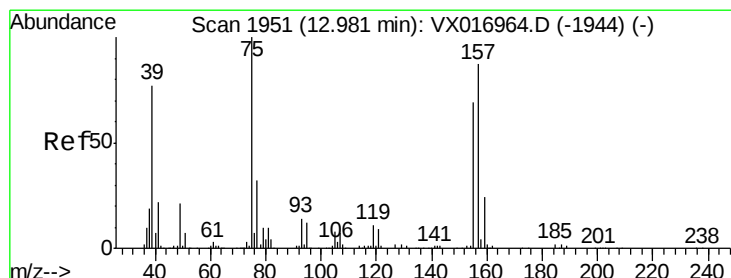
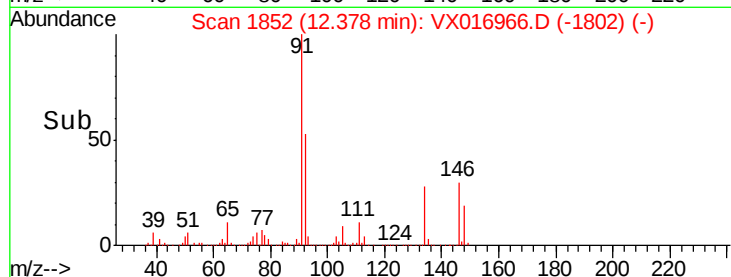
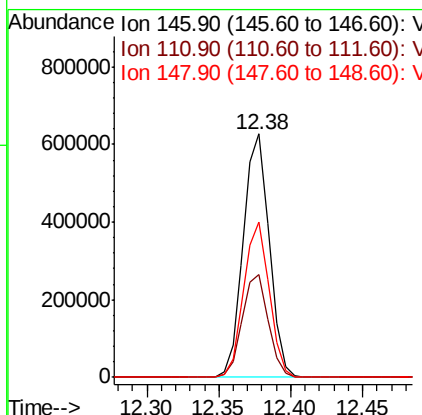
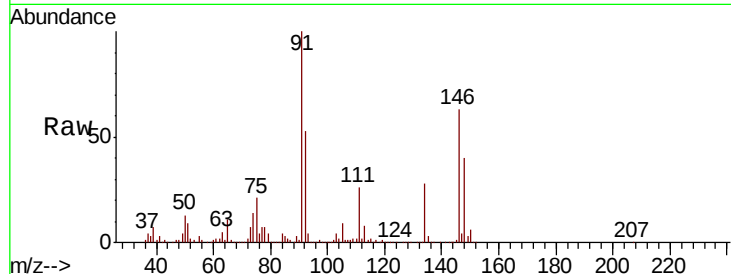
ClientSampleId :

VSTDICC150

Tot Ion:	146	Resp:	783944
Ion Ratio	Lower	Upper	
146	100		
111	42.5	21.6	64.6
148	62.6	31.9	95.7

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#92

1,2-Dibromo-3-Chloropropane

Concen: 153.483 ug/l

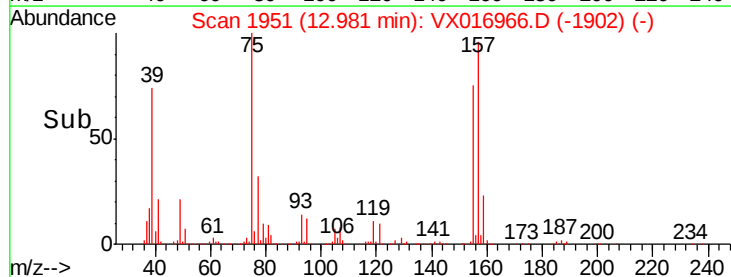
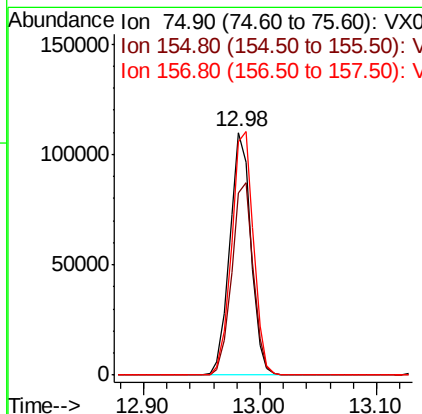
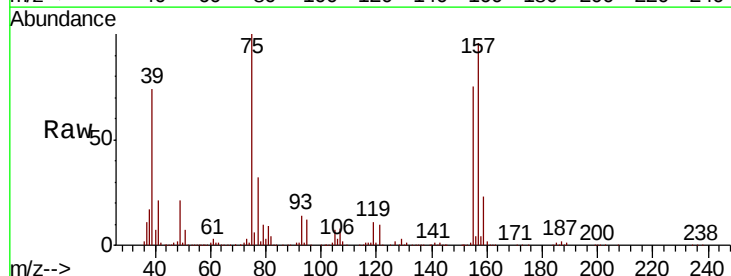
RT: 12.98 min Scan# 1951

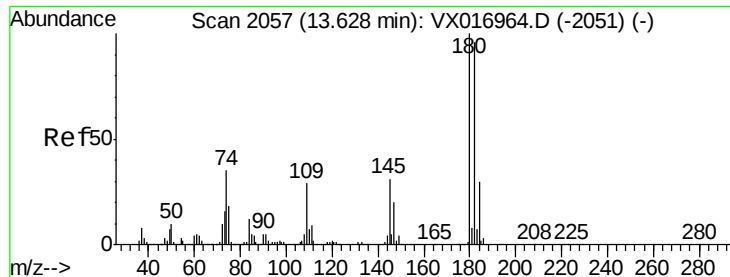
Delta R.T. 0.00 min

Lab File: VX016966.D

Acq: 25 Jun 2020 20:45

Tgt Ion:	75	Resp:	139002
Ion Ratio	Lower	Upper	
75	100		
155	80.6	39.0	117.0
157	103.8	50.0	150.1





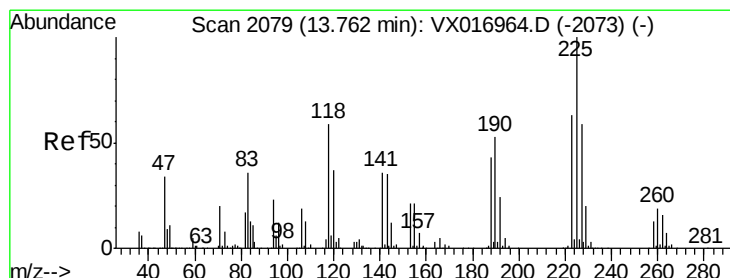
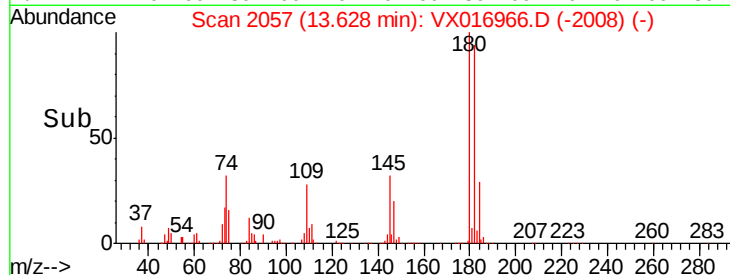
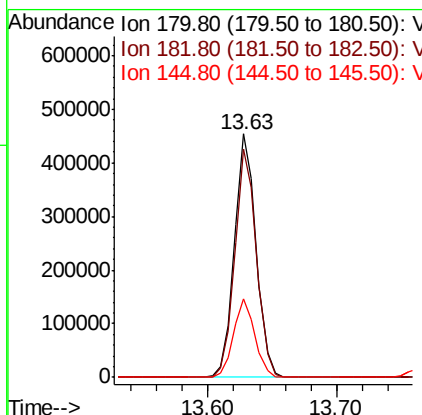
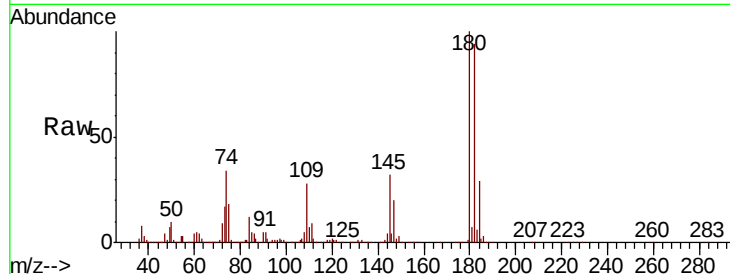
#93
 1,2,4-Trichlorobenzene
 Concen: 160.888 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016966.D
 Acq: 25 Jun 2020 20:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	531244		
182	93.7	46.4	139.1	
145	31.8	15.5	46.5	

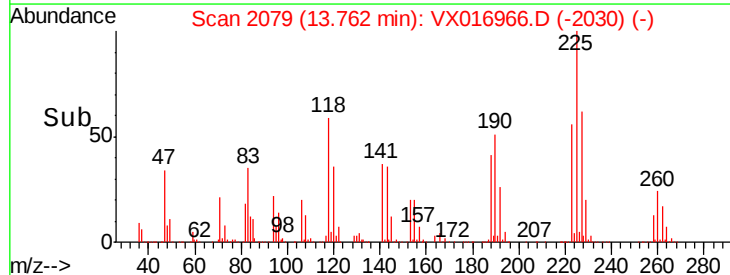
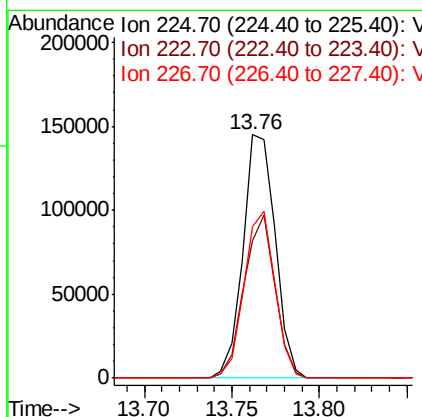
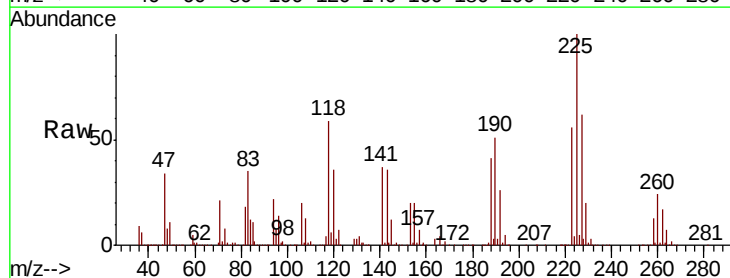
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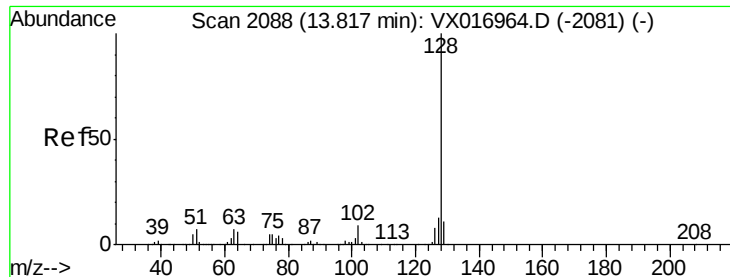
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#94
 Hexachlorobutadiene
 Concen: 159.281 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX016966.D
 Acq: 25 Jun 2020 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	185772		
223	64.5	31.1	93.2	
227	65.6	30.3	90.9	





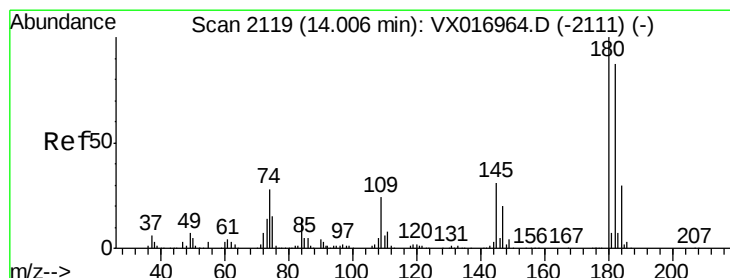
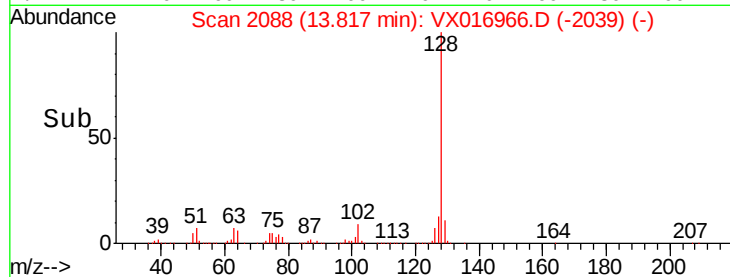
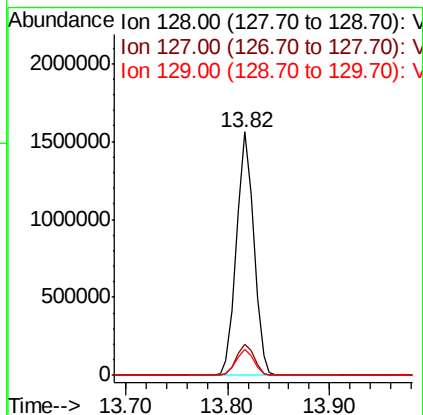
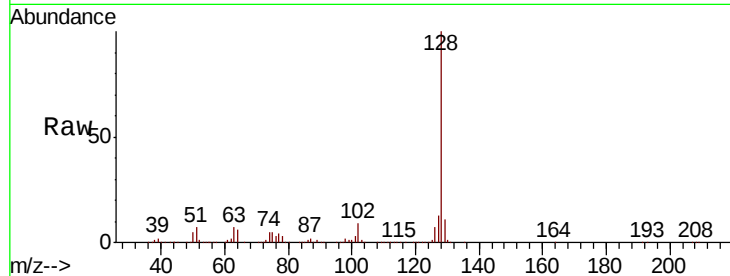
#95
Naphthalene
Concen: 153.174 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.0	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 165.154 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VX016966.D
Acq: 25 Jun 2020 20:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.8	143.3
145	34.1	16.9	50.6

