

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016964.D
 Acq On : 25 Jun 2020 20:00
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:32:23 PM

Quant Time: Jun 26 08:29:05 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	214324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	360947	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	332195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	169712	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	151460	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
35) Dibromofluoromethane	5.47	113	112057	55.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.70%	
50) Toluene-d8	8.70	98	423612	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.12	95	162202	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	97746	43.138	ug/l	100
3) Chloromethane	1.31	50	132522	53.984	ug/l	100
4) Vinyl Chloride	1.39	62	132855	44.092	ug/l	100
5) Bromomethane	1.62	94	97689	78.250	ug/l	100
6) Chloroethane	1.71	64	86918	47.299	ug/l	100
7) Trichlorofluoromethane	1.92	101	223973	59.517	ug/l	100
8) Diethyl Ether	2.17	74	79264	46.240	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	117203	50.690	ug/l	100
10) Methyl Iodide	2.49	142	147831	58.317	ug/l	100
11) Tert butyl alcohol	3.01	59	148724	231.359	ug/l	100
12) 1,1-Dichloroethene	2.36	96	118805	49.332	ug/l	100
13) Acrolein	2.27	56	113162	271.431	ug/l	100
14) Allyl chloride	2.71	41	220770	51.314	ug/l	100
15) Acrylonitrile	3.12	53	347055	246.637	ug/l	100
16) Acetone	2.42	43	306996	266.732	ug/l	100
17) Carbon Disulfide	2.55	76	359723	48.743	ug/l	100
18) Methyl Acetate	2.75	43	148955	44.436	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	416878	48.459	ug/l	100
20) Methylene Chloride	2.83	84	135050	48.452	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	129439	48.245	ug/l	100
22) Diisopropyl ether	3.82	45	438593	51.610	ug/l	100
23) Vinyl Acetate	3.79	43	1964349	279.649	ug/l	100
24) 1,1-Dichloroethane	3.67	63	238414	49.461	ug/l	100
25) 2-Butanone	4.64	43	482417	260.387	ug/l	100
26) 2,2-Dichloropropane	4.55	77	195279	46.443	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	141267	46.689	ug/l	100
28) Bromochloromethane	4.98	49	103559	48.544	ug/l	100
29) Tetrahydrofuran	5.09	42	323562	263.867	ug/l	100
30) Chloroform	5.18	83	240683	50.377	ug/l	100
31) Cyclohexane	5.55	56	208503	46.706	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	219884	50.961	ug/l	100
36) 1,1-Dichloropropene	5.77	75	180766	52.123	ug/l	100
37) Ethyl Acetate	4.80	43	197069	55.795	ug/l	100
38) Carbon Tetrachloride	5.75	117	194372	59.629	ug/l	100

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	202857	48.905	ug/l	100
40) Benzene	6.12	78	518492	51.390	ug/l	100
41) Methacrylonitrile	5.01	41	105028	52.807	ug/l	100
42) 1,2-Dichloroethane	6.17	62	204480	56.614	ug/l	100
43) Isopropyl Acetate	6.42	43	327341	56.472	ug/l	100
44) Trichloroethene	7.19	130	136283	44.844	ug/l	100
45) 1,2-Dichloropropane	7.49	63	135836	52.414	ug/l	100
46) Dibromomethane	7.64	93	92273	53.122	ug/l	100
47) Bromodichloromethane	7.88	83	195370	54.906	ug/l	100
48) Methyl methacrylate	7.74	41	157049	55.160	ug/l	100
49) 1,4-Dioxane	7.71	88	62113	998.552	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	964269	283.974	ug/l	100
52) Toluene	8.77	92	326900	51.198	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	214354	50.845	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	225060	51.060	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	128797	50.469	ug/l	100
56) Ethyl methacrylate	9.16	69	206051	50.415	ug/l	100
57) 1,3-Dichloropropane	9.35	76	224281	51.377	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	526835	259.178	ug/l	100
59) 2-Hexanone	9.47	43	729512	283.324	ug/l	100
60) Dibromochloromethane	9.57	129	150480	58.049	ug/l	100
61) 1,2-Dibromoethane	9.65	107	140659	53.017	ug/l	100
64) Tetrachloroethene	9.32	164	116839	37.289	ug/l	100
65) Chlorobenzene	10.12	112	344063	52.015	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	132130	55.719	ug/l	100
67) Ethyl Benzene	10.23	91	630880	51.759	ug/l	100
68) m/p-Xylenes	10.34	106	473990	105.861	ug/l	100
69) o-Xylene	10.68	106	224396	51.543	ug/l	100
70) Styrene	10.70	104	391006	52.186	ug/l	100
71) Bromoform	10.84	173	110087	66.351	ug/l #	100
73) Isopropylbenzene	11.00	105	610559	48.899	ug/l	100
74) N-amyl acetate	10.88	43	295999	53.641	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	195384	65.013	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	188542m	51.786	ug/l	
77) Bromobenzene	11.24	156	149334	51.799	ug/l	100
78) n-propylbenzene	11.34	91	720050	48.778	ug/l	100
79) 2-Chlorotoluene	11.40	91	424262	48.786	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	512682	48.382	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	71739	45.492	ug/l	100
82) 4-Chlorotoluene	11.49	91	505699	48.671	ug/l	100
83) tert-Butylbenzene	11.76	119	493871	53.986	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	524783	48.210	ug/l	100
85) sec-Butylbenzene	11.93	105	592185	48.508	ug/l	100
86) p-Isopropyltoluene	12.05	119	537616	48.237	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	272115	51.331	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	276952	50.811	ug/l	100
89) n-Butylbenzene	12.37	91	498274	47.655	ug/l	100
90) Hexachloroethane	12.58	117	106531	58.736	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	254579	50.023	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44032	48.615	ug/l	100

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Quant Title : SW846 8260
QLast Update : Fri Jun 26 08:15:40 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	168842	51.130	ug/l	100
94) Hexachlorobutadiene	13.76	225	60180	51.594	ug/l	100
95) Naphthalene	13.82	128	569544	48.222	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	160416	51.168	ug/l	100

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

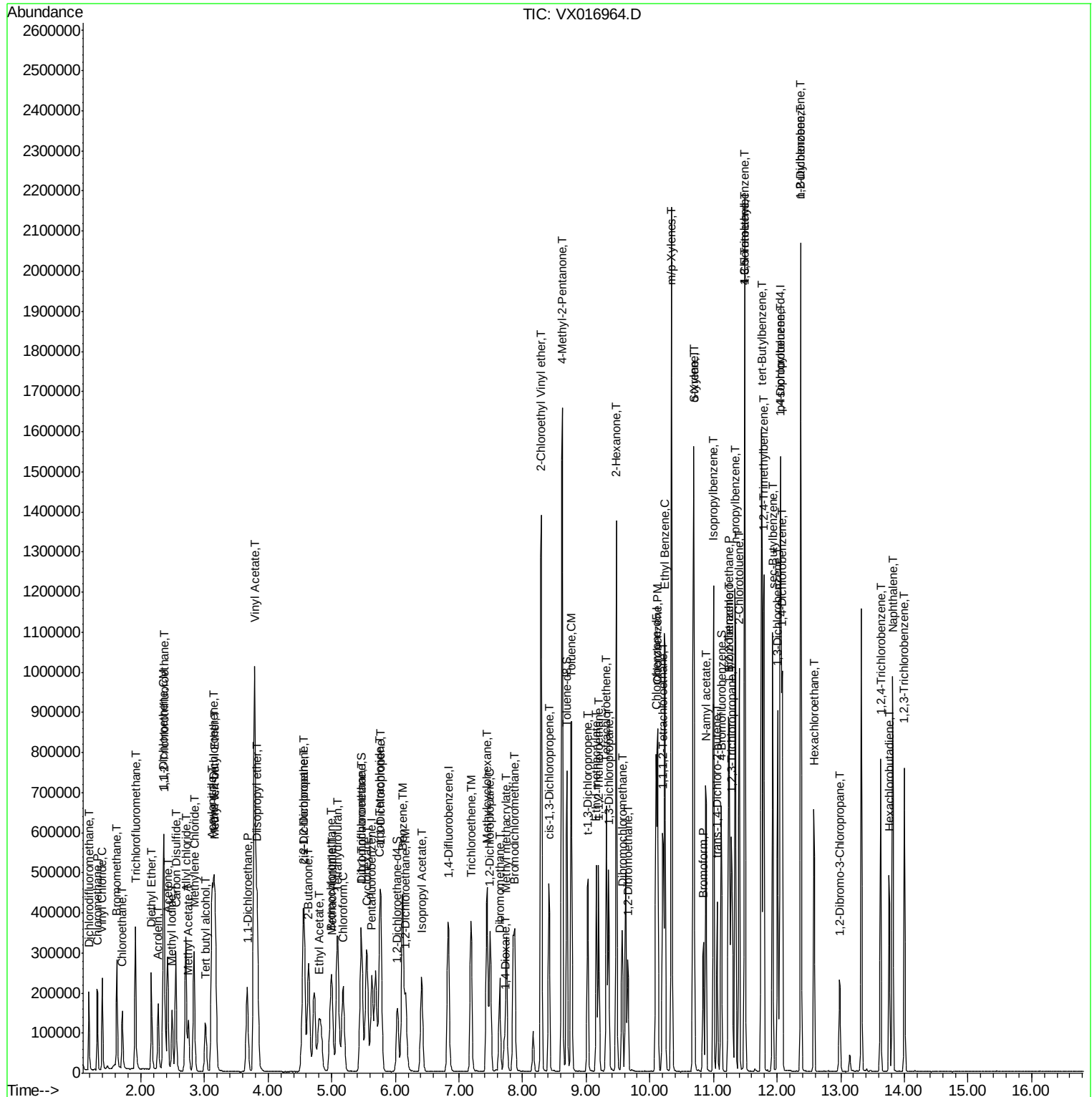
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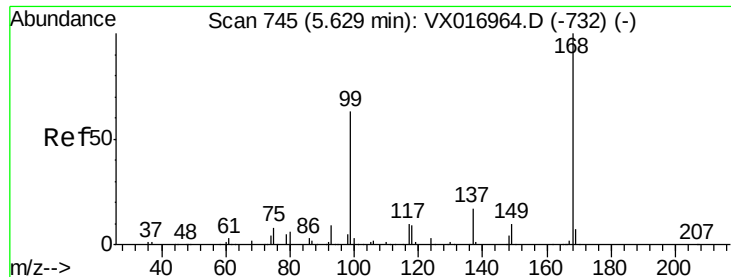
Instrument :
MSVOA_X
ClientSampleID :
VSTDICCC050

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion:168 Resp: 214324

Ion Ratio Lower Upper

168 100

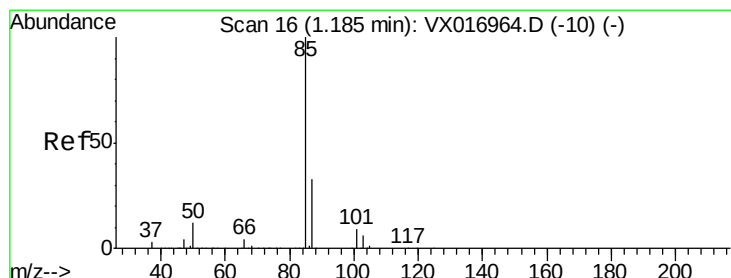
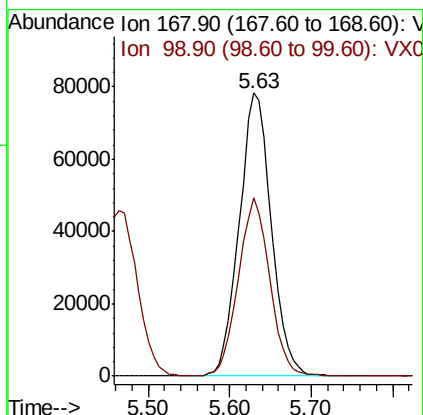
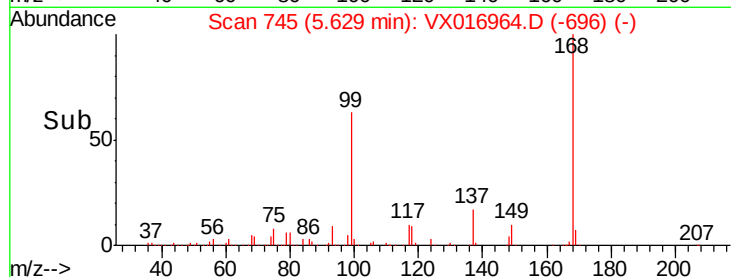
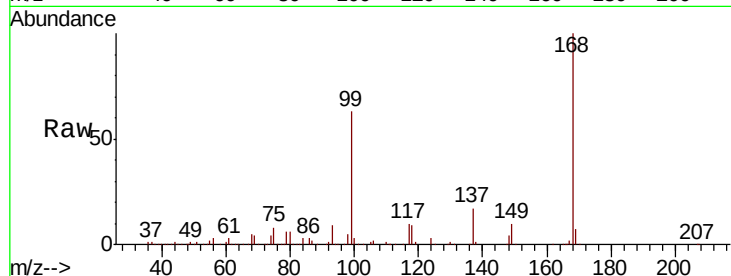
99 62.7 50.2 75.2

Manual Integrations

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6/29/2020 12:32:23 PM



#2

Dichlorodifluoromethane

Concen: 43.138 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016964.D

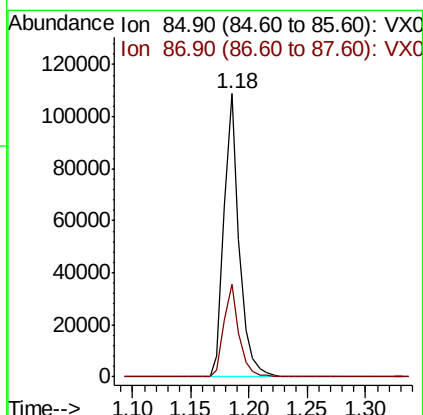
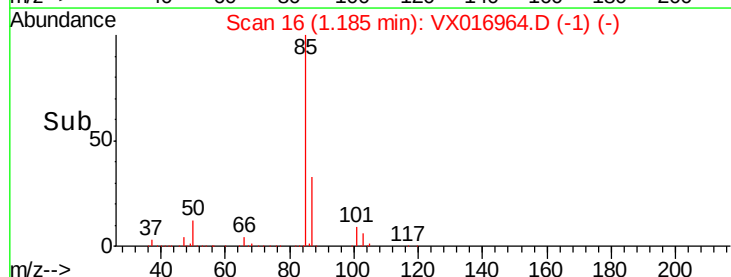
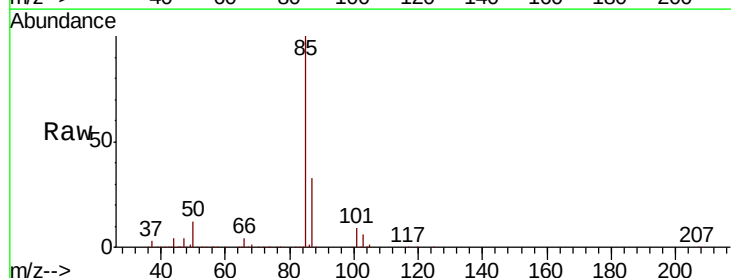
Acq: 25 Jun 2020 20:00

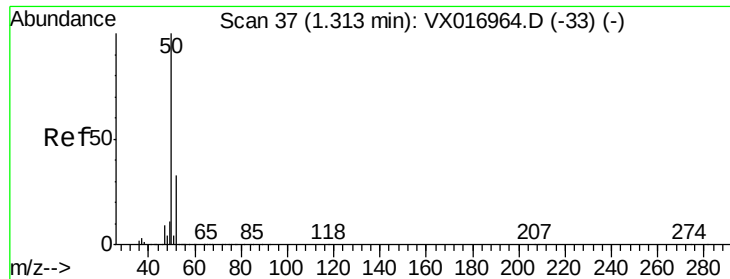
Tgt Ion: 85 Resp: 97746

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.9





#3

Chloromethane

Concen: 53.984 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 50 Resp: 132522

Ion Ratio Lower Upper

50 100

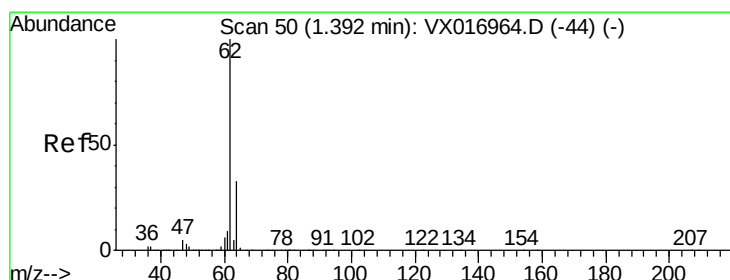
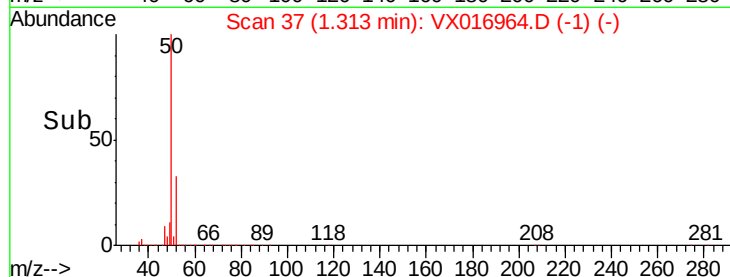
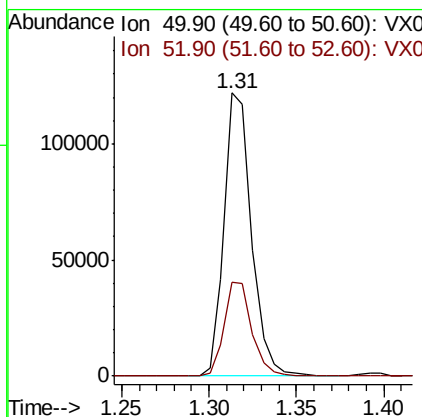
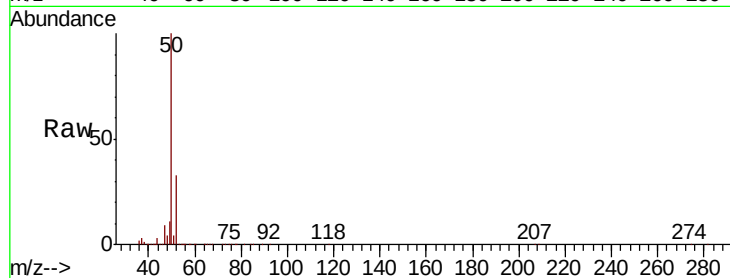
52 33.3 26.6 40.0

Manual Integrations

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6/29/2020 12:32:23 PM



#4

Vinyl Chloride

Concen: 44.092 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016964.D

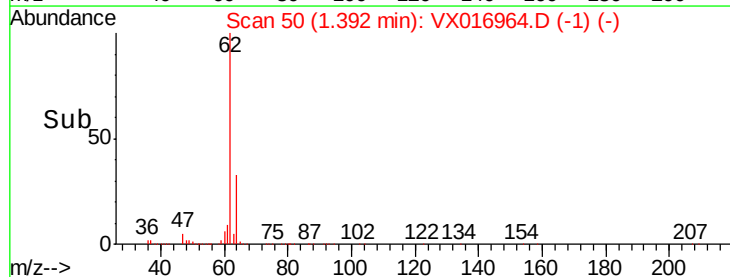
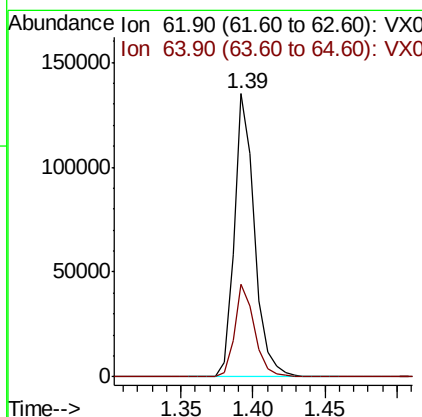
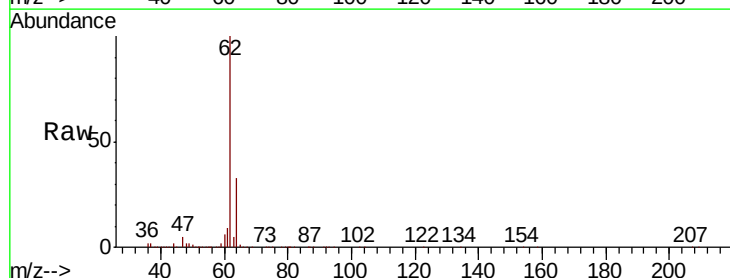
Acq: 25 Jun 2020 20:00

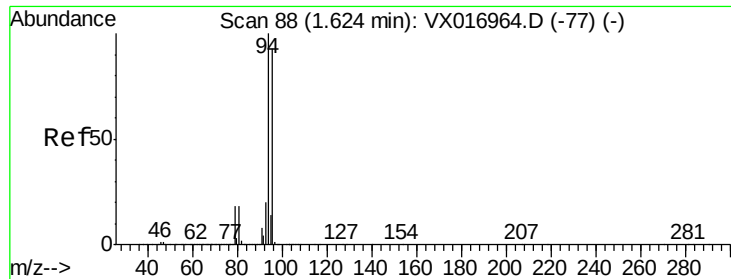
Tgt Ion: 62 Resp: 132855

Ion Ratio Lower Upper

62 100

64 32.9 26.3 39.5





#5

Bromomethane

Concen: 78.250 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 97689

Ion Ratio Lower Upper

94 100

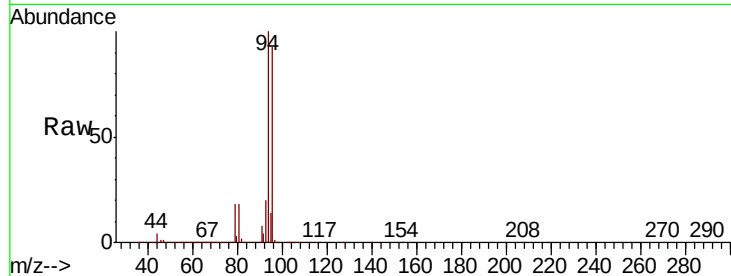
96 92.7 74.2 111.2

Manual Integrations

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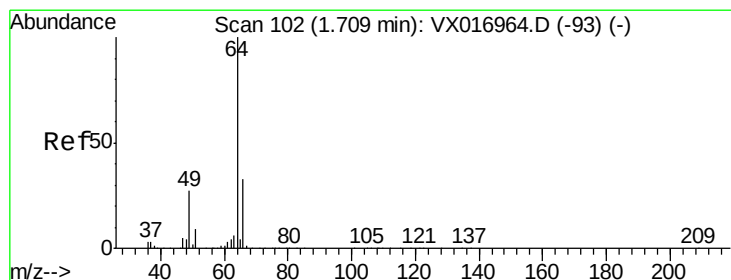
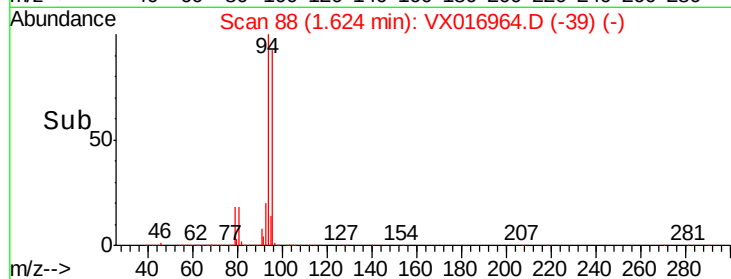
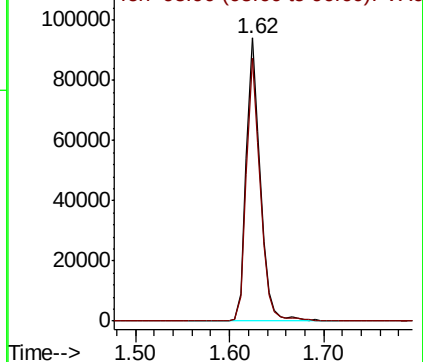
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.299 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX016964.D

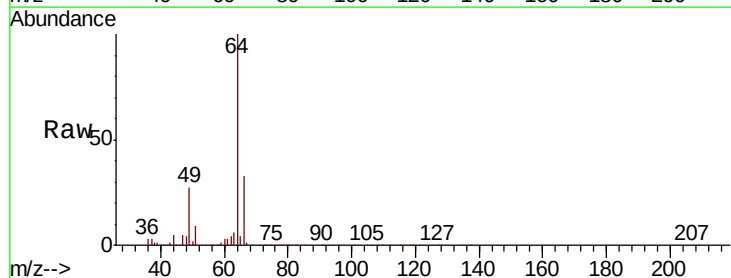
Acq: 25 Jun 2020 20:00

Tgt Ion: 64 Resp: 86918

Ion Ratio Lower Upper

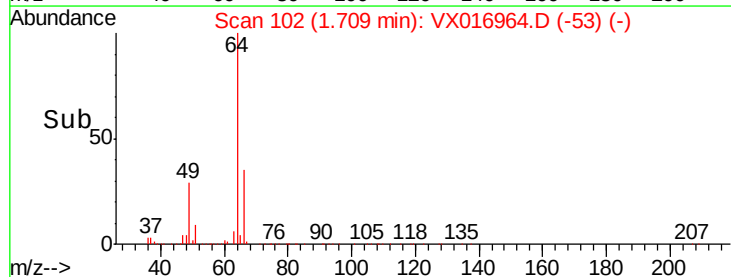
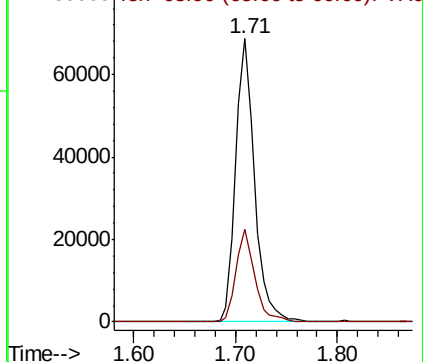
64 100

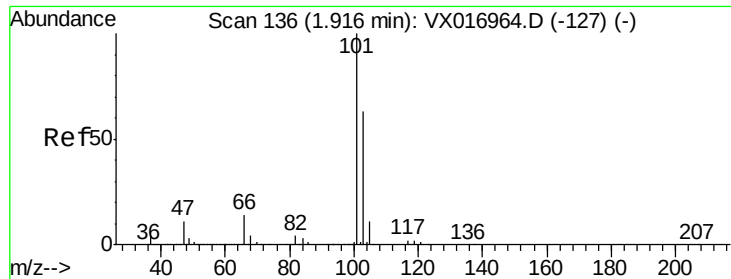
66 32.7 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

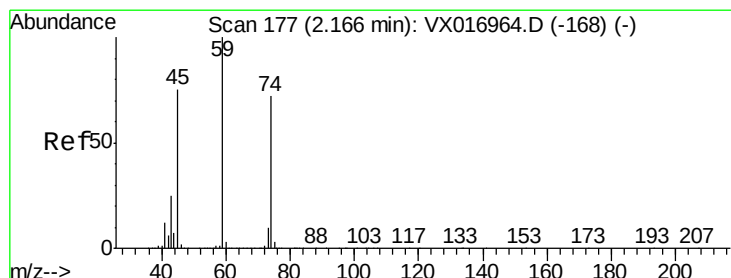
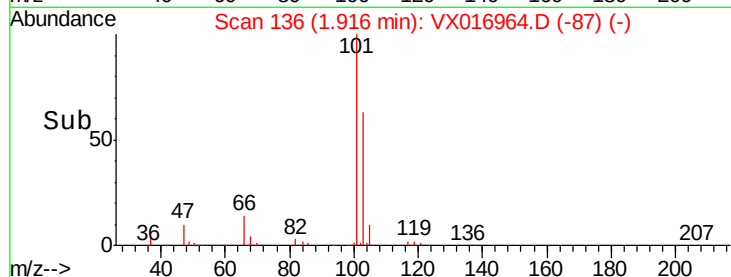
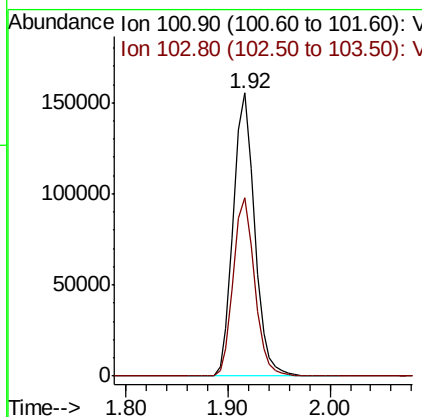
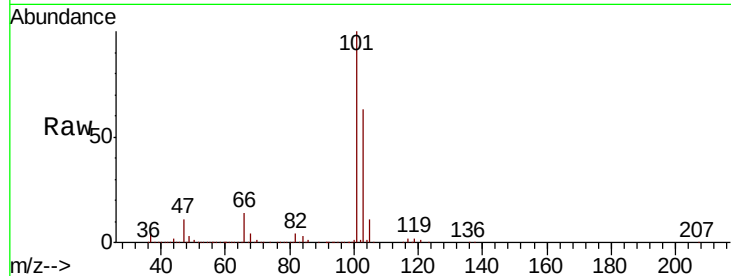
Trichlorofluoromethane
 Concen: 59.517 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.00 min
 Lab File: VX016964.D
 Acq: 25 Jun 2020 20:00

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	50.2	75.4

Manual Integrations
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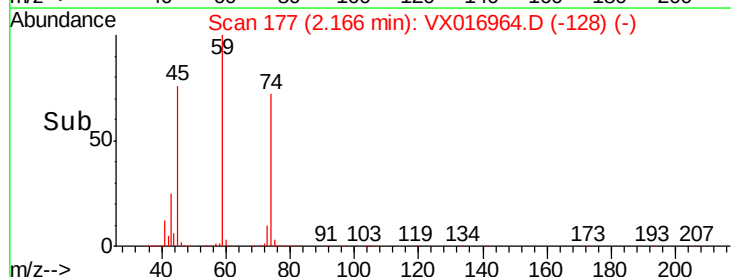
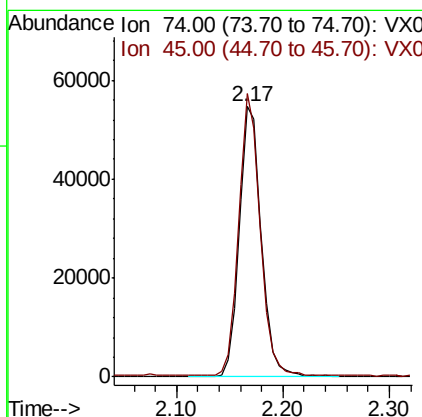
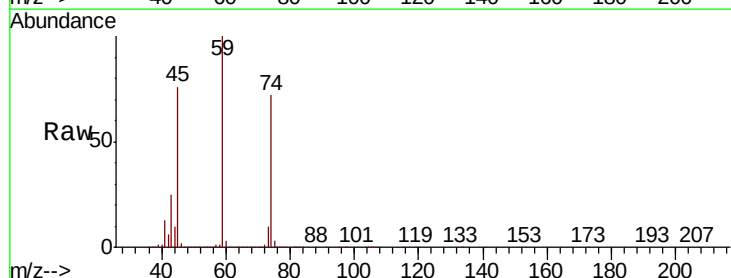
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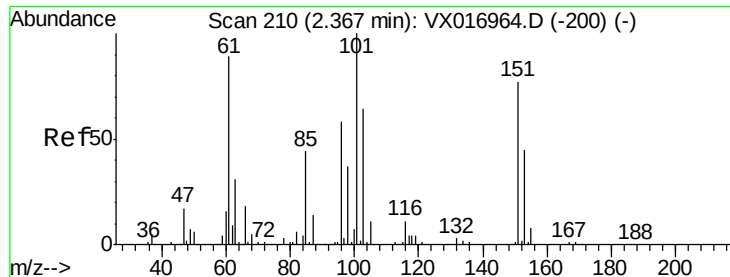


#8

Diethyl Ether
 Concen: 46.240 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX016964.D
 Acq: 25 Jun 2020 20:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.0	50.5	151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.690 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Instrument :

MSVOA_X

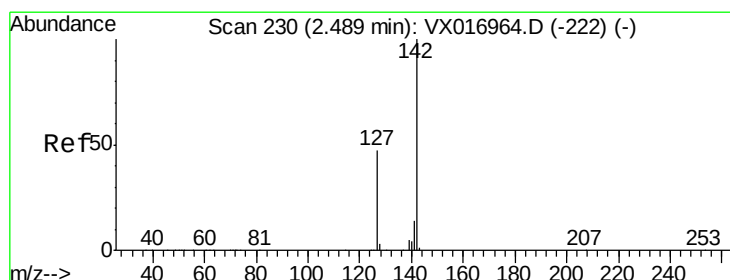
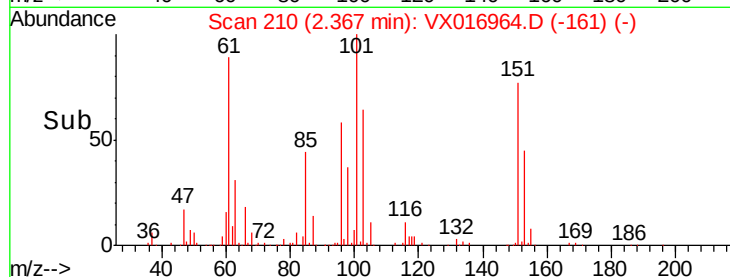
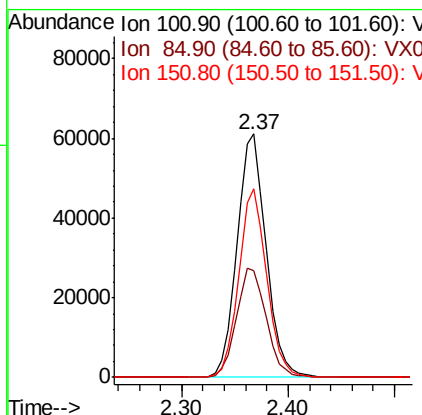
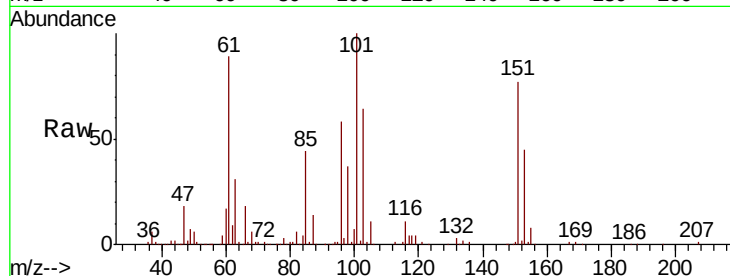
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	117203
Ion Ratio	Lower	Upper	
101	100		
85	46.0	36.8	55.2
151	74.7	59.8	89.6

Manual Integrations
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#10

Methyl Iodide

Concen: 58.317 ug/l

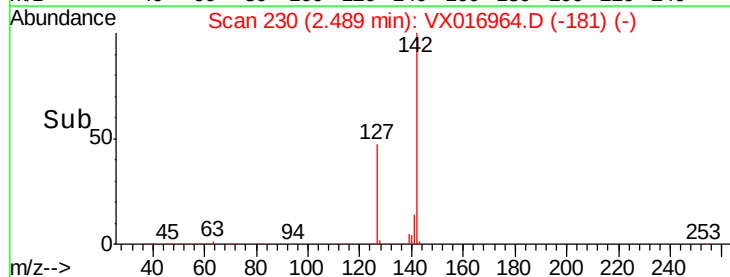
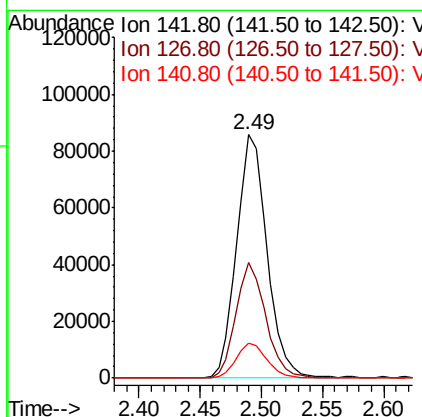
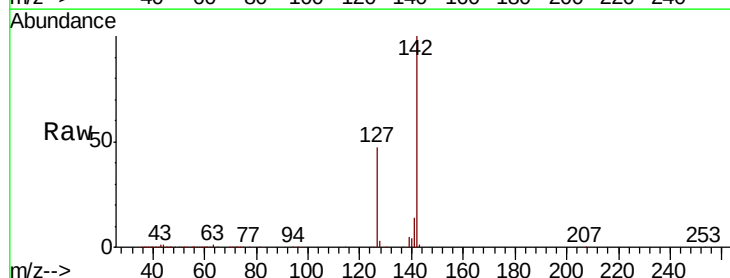
RT: 2.49 min Scan# 230

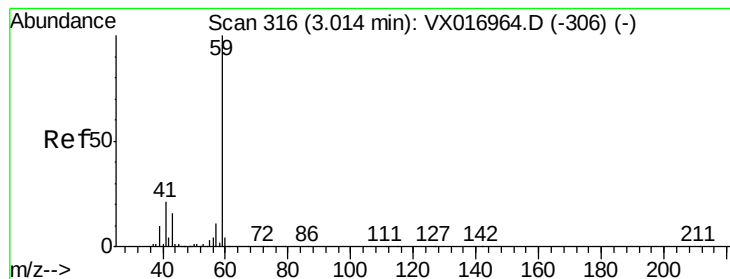
Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Tgt Ion:	142	Resp:	147831
Ion Ratio	Lower	Upper	
142	100		
127	46.7	37.4	56.0
141	14.6	11.7	17.5





#11

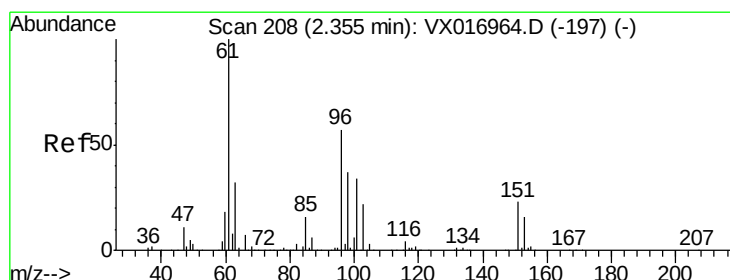
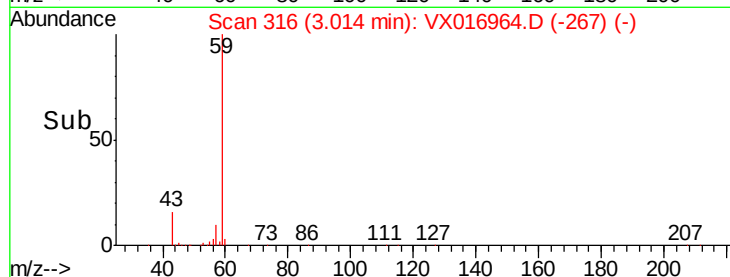
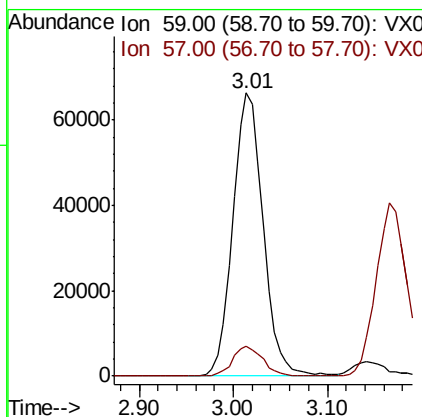
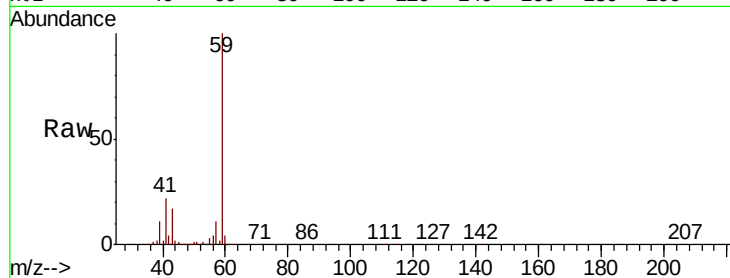
Tert butyl alcohol
Concen: 231.359 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.5	12.7

Manual Integrations
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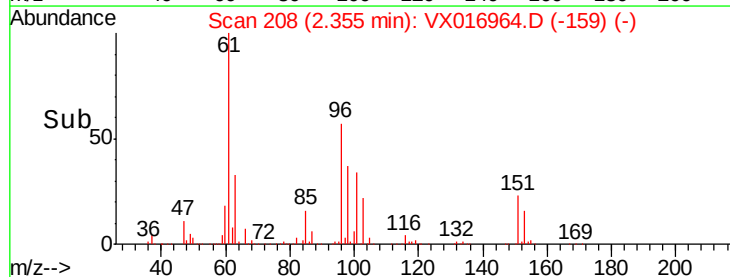
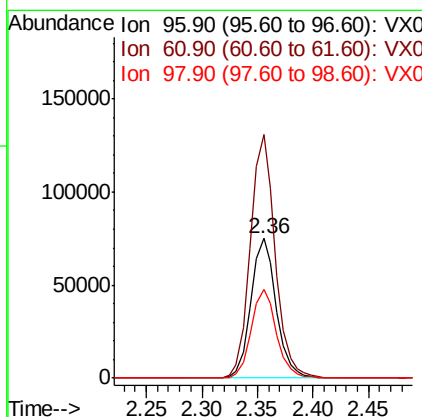
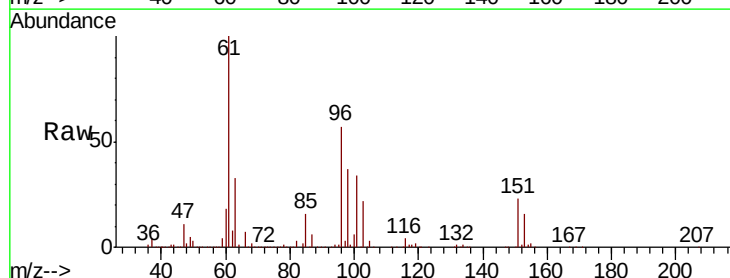
MMDadoda
6/29/2020 12:32:23 PM

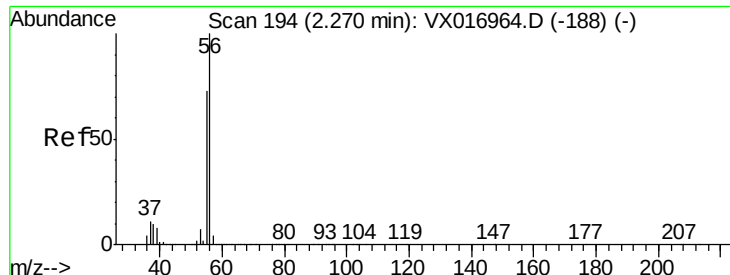


#12

1,1-Dichloroethene
Concen: 49.332 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	174.6	139.7	209.5
98	63.8	51.0	76.6





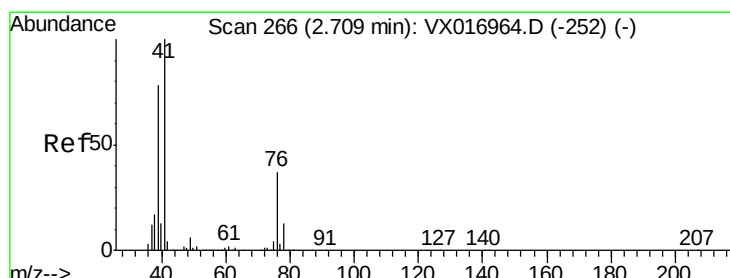
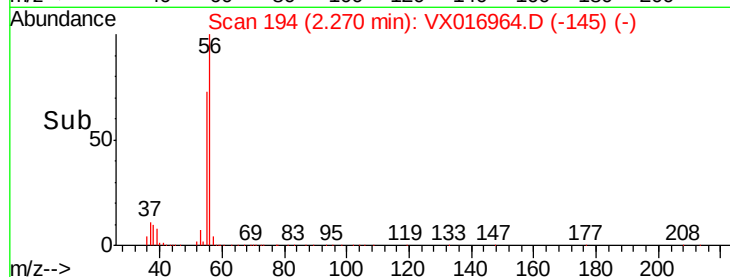
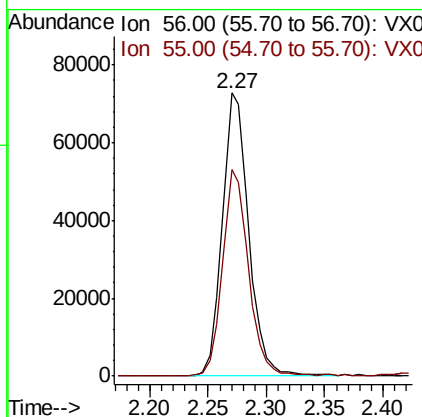
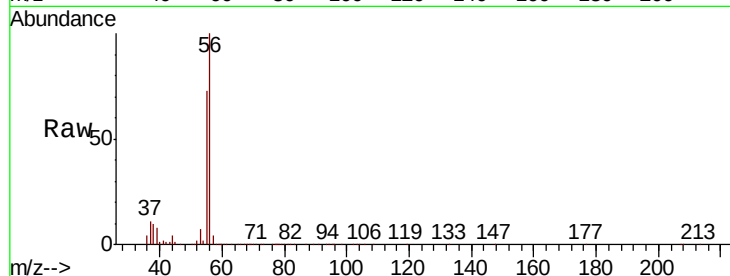
#13
Acrolein
Concen: 271.431 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.9	57.5	86.3

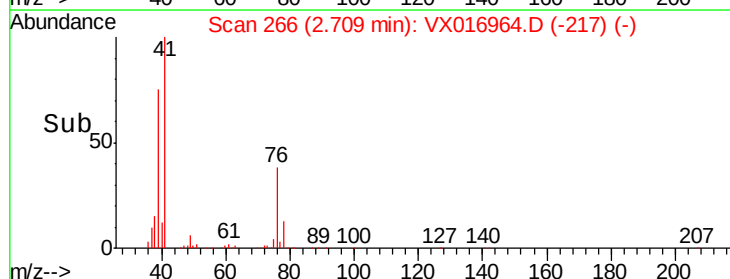
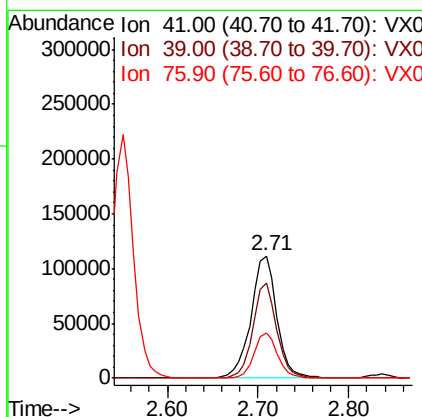
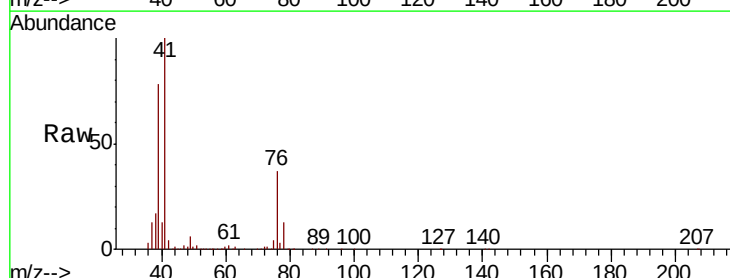
Manual Integrations
APPROVED

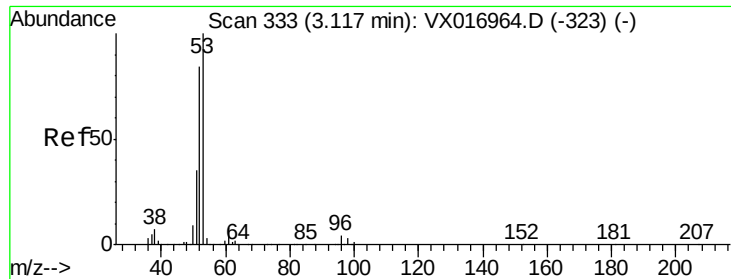
MMDadoda
6/29/2020 12:32:23 PM



#14
Allyl chloride
Concen: 51.314 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion	Ratio	Lower	Upper
41	100		
39	70.5	56.4	84.6
76	33.1	26.5	39.7





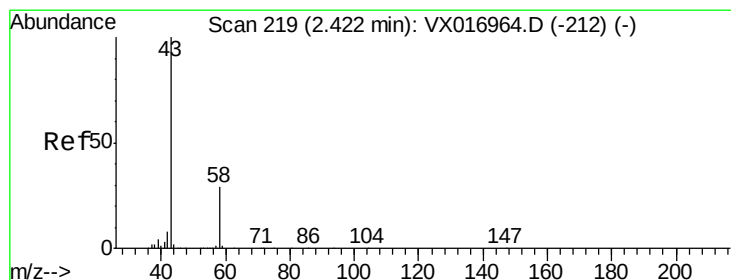
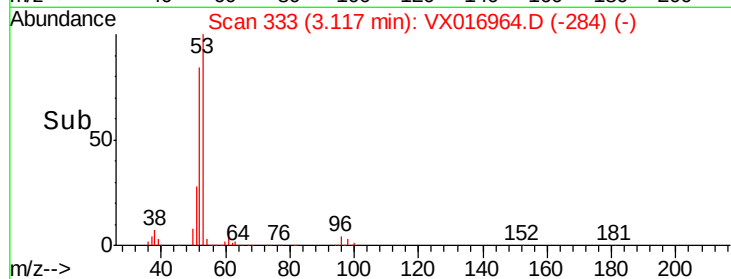
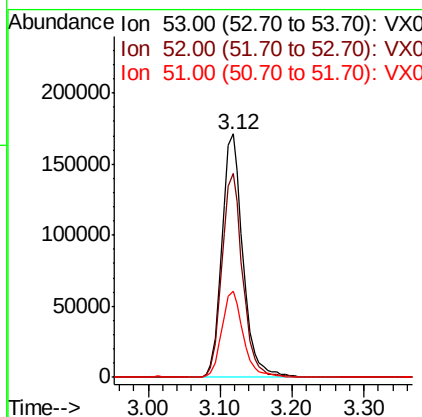
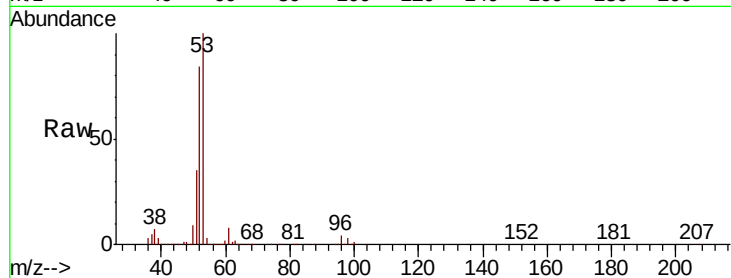
#15
 Acrylonitrile
 Concen: 246.637 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX016964.D
 Acq: 25 Jun 2020 20:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion:	53	Resp:	347055
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.3	99.5
51	36.3	29.0	43.6

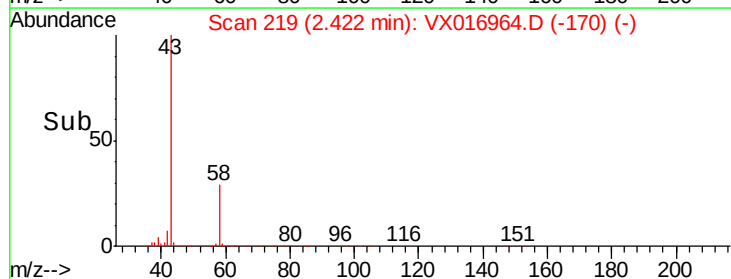
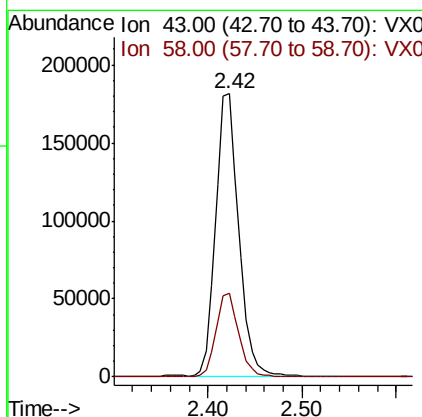
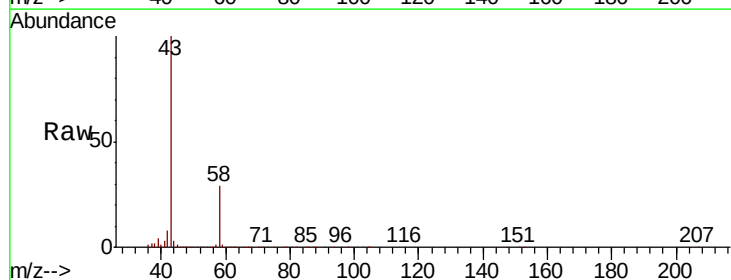
Manual Integrations
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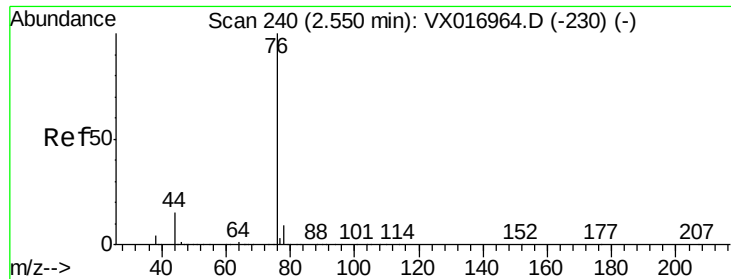
MMDadoda
 6/29/2020 12:32:23 PM



#16
 Acetone
 Concen: 266.732 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX016964.D
 Acq: 25 Jun 2020 20:00

Tgt Ion:	43	Resp:	306996
Ion	Ratio	Lower	Upper
43	100		
58	29.4	23.5	35.3





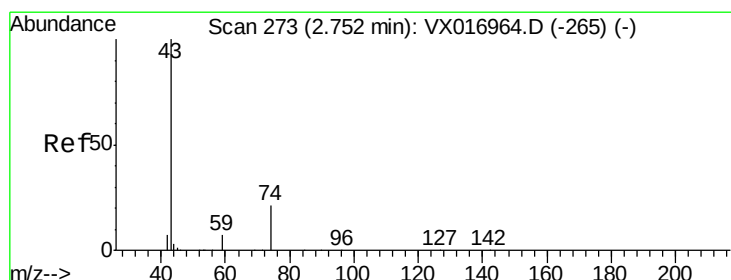
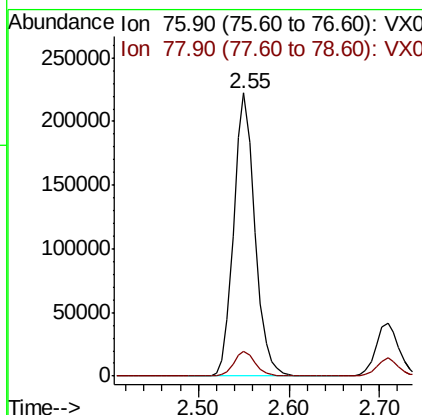
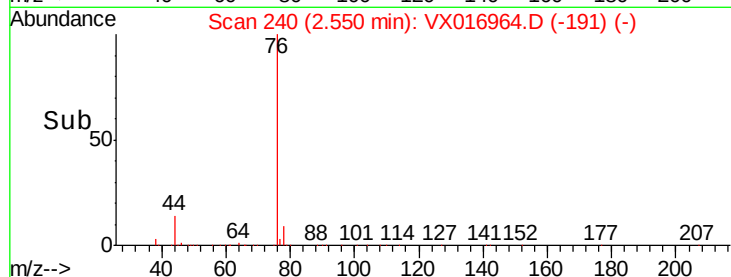
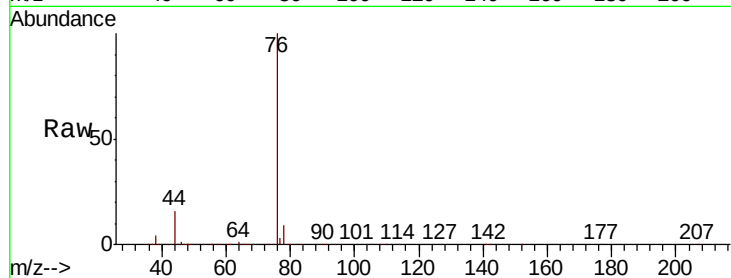
#17
Carbon Disulfide
Concen: 48.743 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.0	10.4

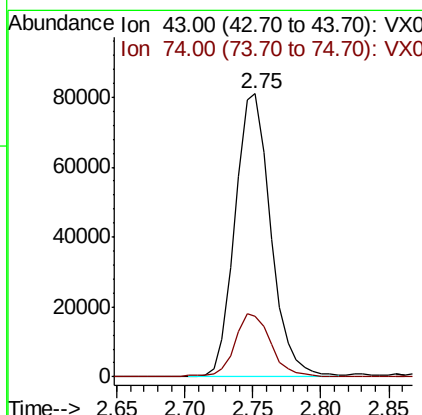
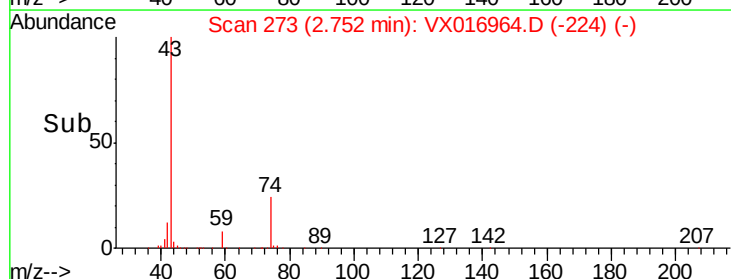
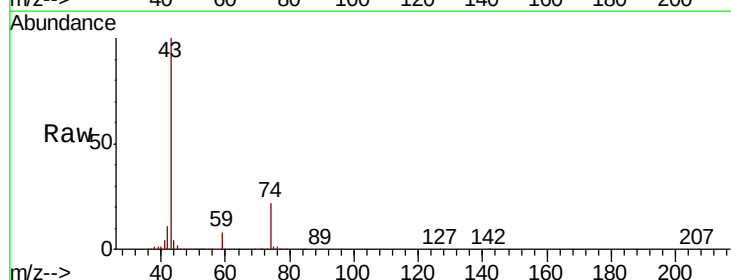
Manual Integrations
APPROVED

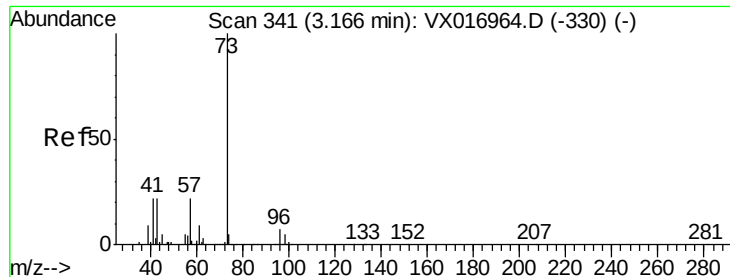
MMDadoda
6/29/2020 12:32:23 PM



#18
Methyl Acetate
Concen: 44.436 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.9	18.3	27.5





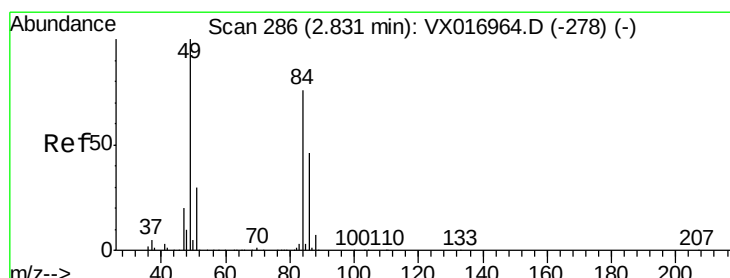
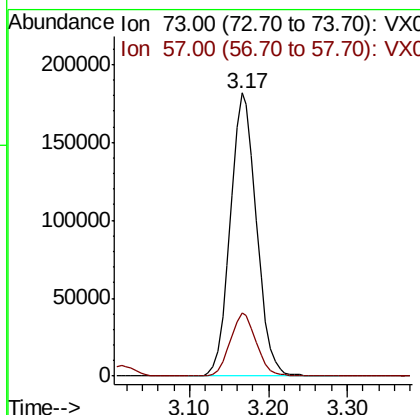
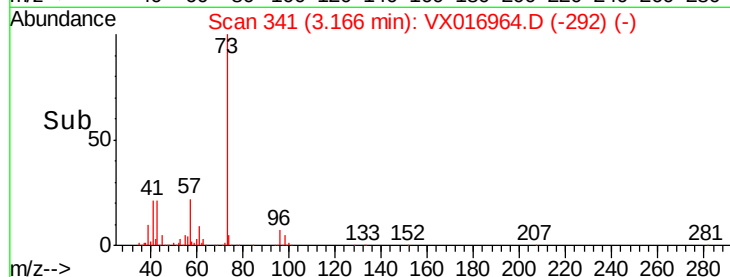
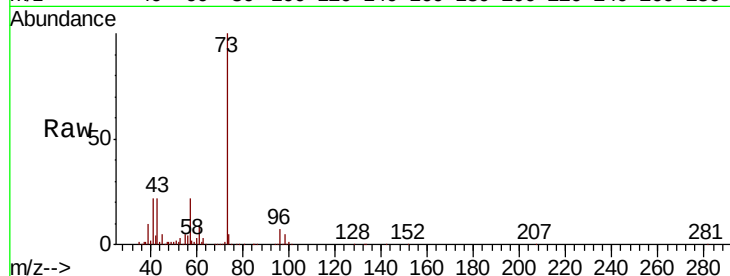
#19
Methyl tert-butyl Ether
Concen: 48.459 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.8	26.8

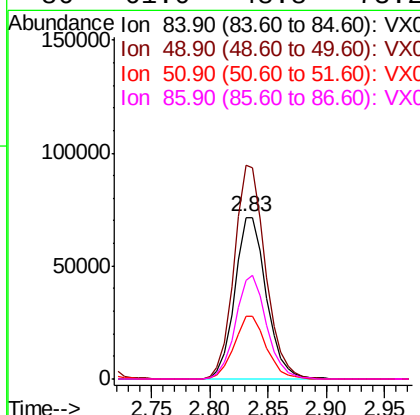
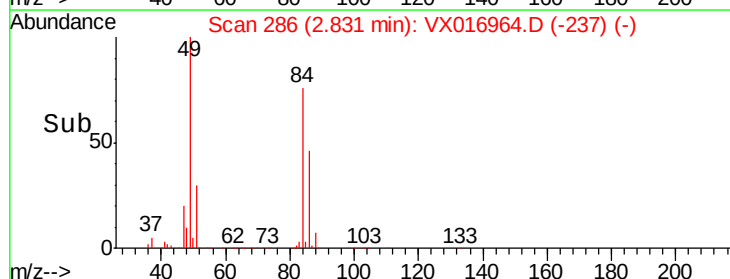
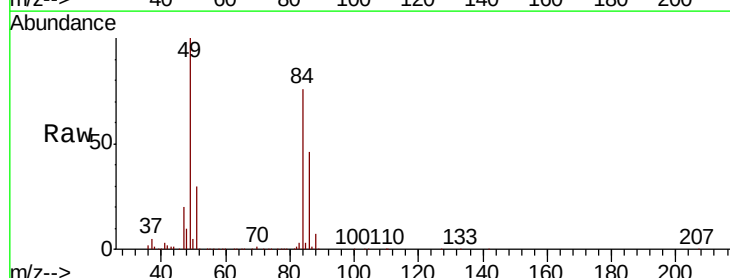
Manual Integrations
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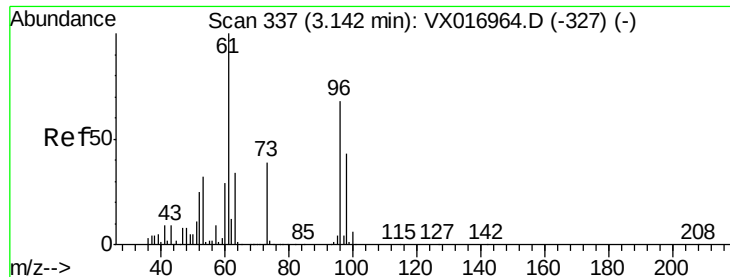
MMDadoda
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#20
Methylene Chloride
Concen: 48.452 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion	Ratio	Lower	Upper
84	100		
49	132.0	105.6	158.4
51	39.0	31.2	46.8
86	61.0	48.8	73.2





#21

trans-1,2-Dichloroethene

Concen: 48.245 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Instrument :

MSVOA_X

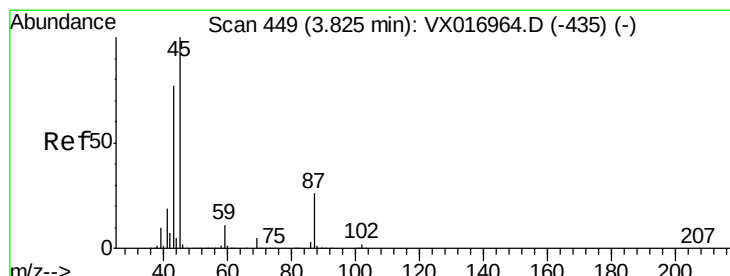
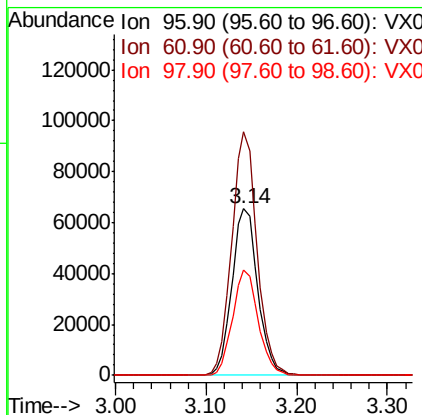
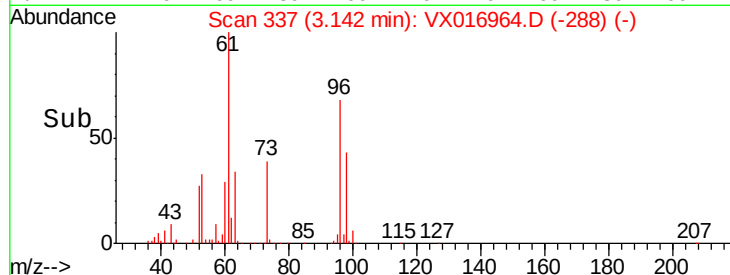
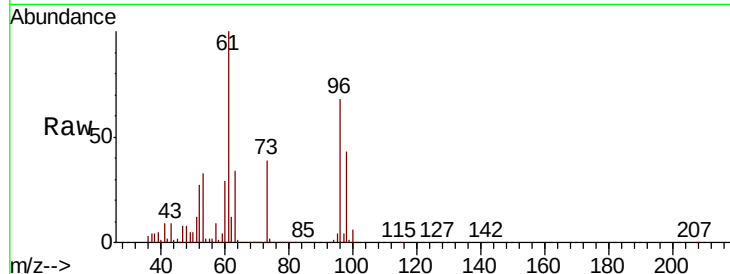
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	129439
Ion	Ratio	Lower	Upper
96	100		
61	145.9	116.7	175.1
98	63.4	50.7	76.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.610 ug/l

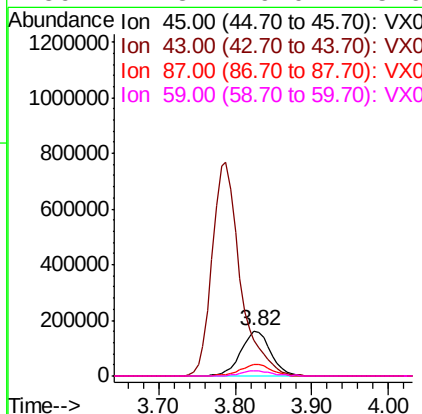
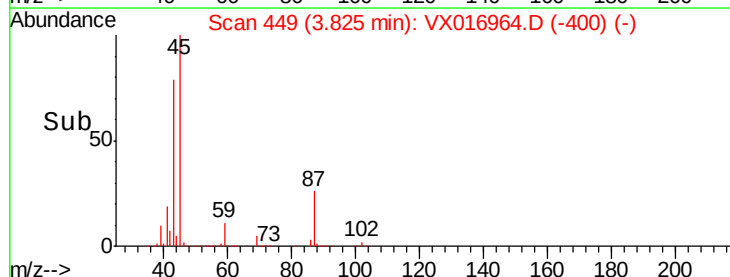
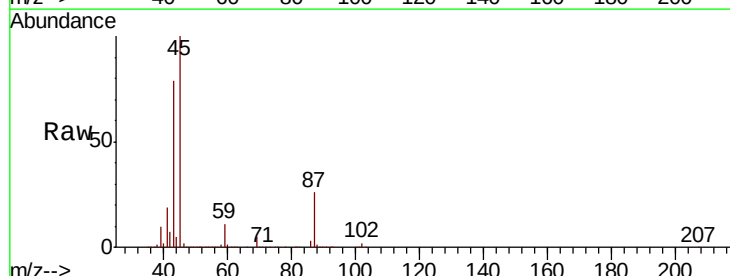
RT: 3.82 min Scan# 449

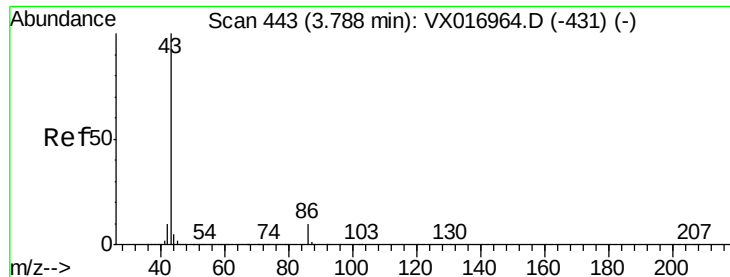
Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Tgt Ion:	45	Resp:	438593
Ion	Ratio	Lower	Upper
45	100		
43	78.4	62.7	94.1
87	26.2	21.0	31.4
59	11.3	9.0	13.6





#23

Vinyl Acetate

Concen: 279.649 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 1964349

Ion Ratio Lower Upper

43 100

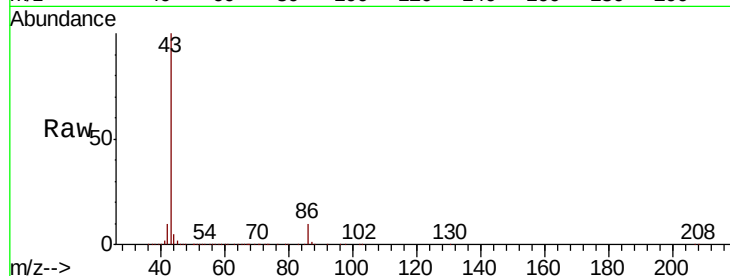
86 10.2 8.2 12.2

Manual Integrations

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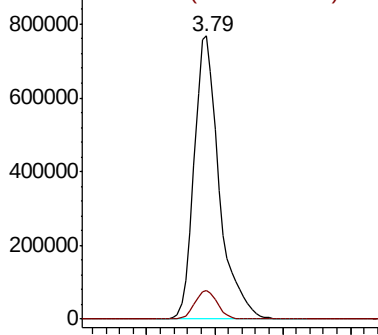
MMDadoda

6/29/2020 12:32:23 PM

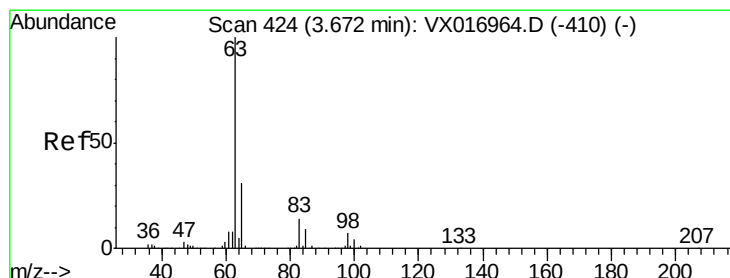
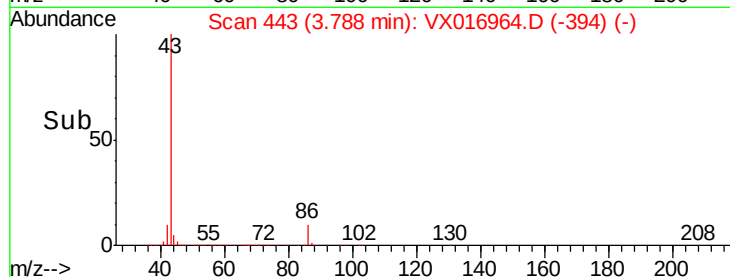


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 49.461 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

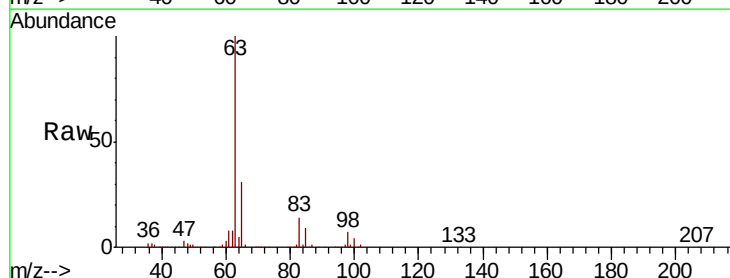
Tgt Ion: 63 Resp: 238414

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

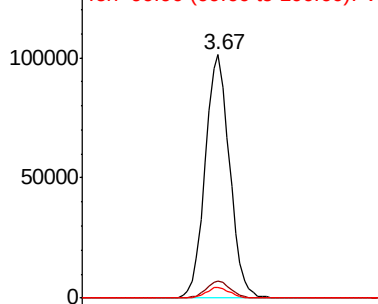
100 4.2 2.1 6.3



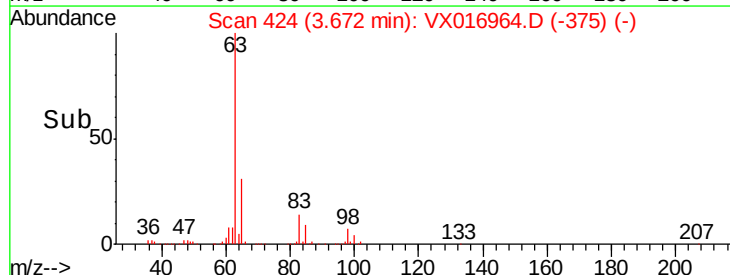
Abundance Ion 62.90 (62.60 to 63.60): VX0

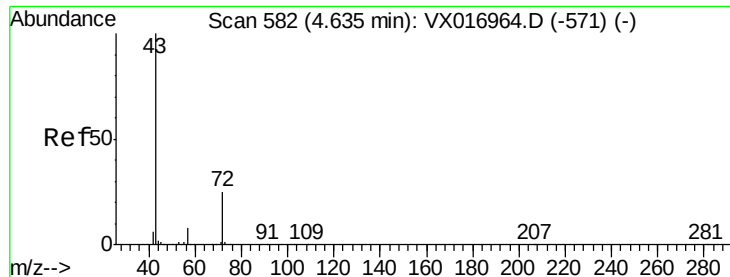
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 260.387 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 482417

Ion Ratio Lower Upper

43 100

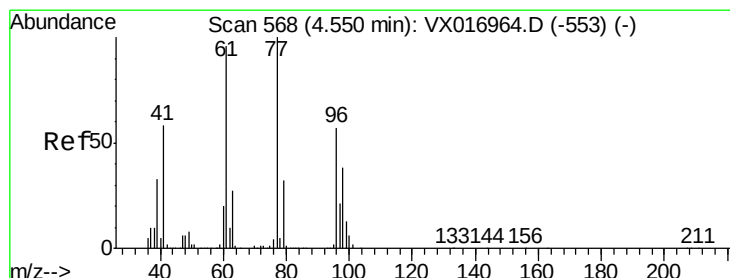
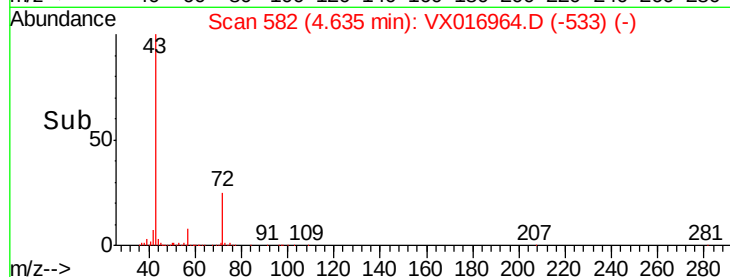
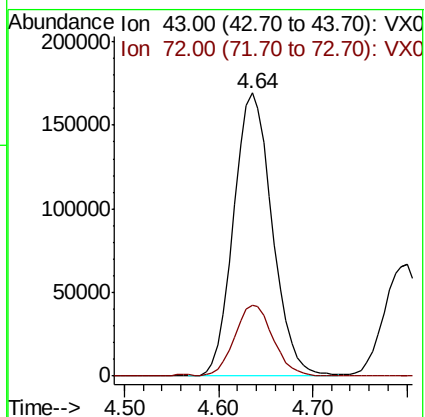
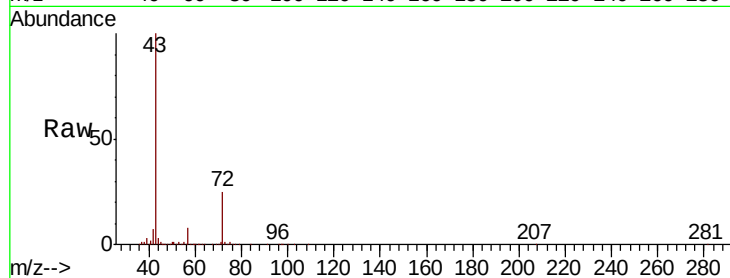
72 25.0 20.0 30.0

Manual Integrations

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MMDadoda

6/29/2020 12:32:23 PM



#26

2,2-Dichloropropane

Concen: 46.443 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016964.D

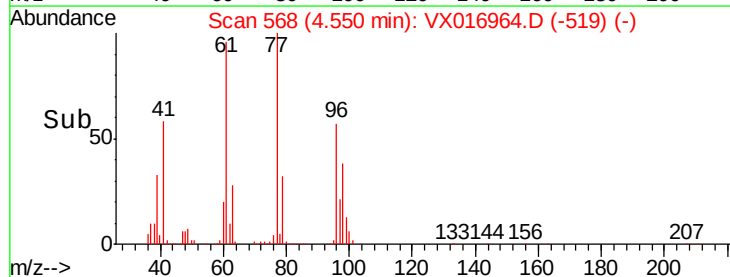
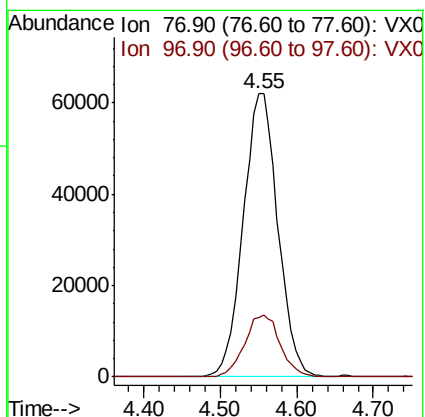
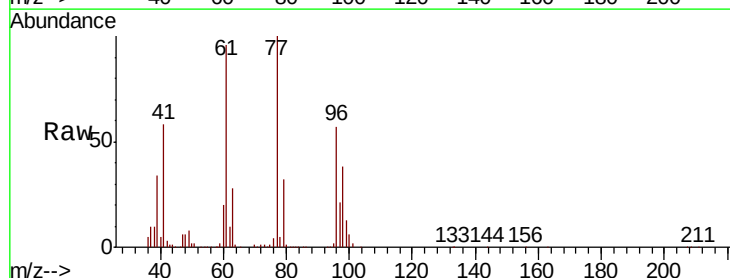
Acq: 25 Jun 2020 20:00

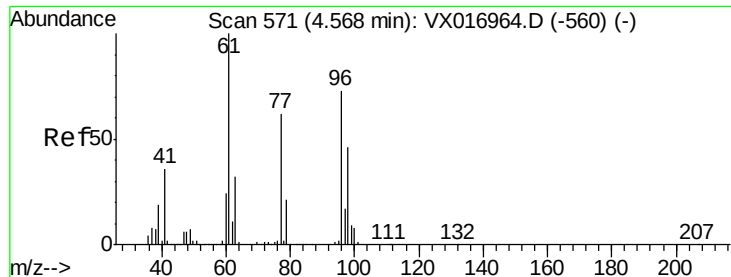
Tgt Ion: 77 Resp: 195279

Ion Ratio Lower Upper

77 100

97 22.3 11.2 33.5





#27

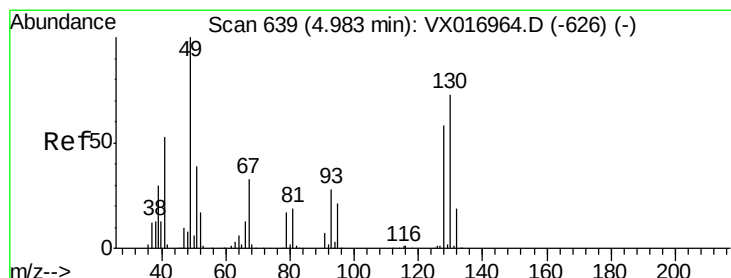
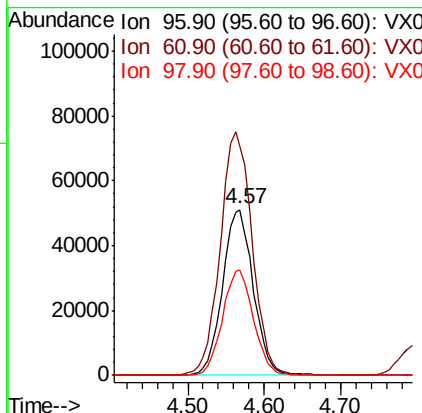
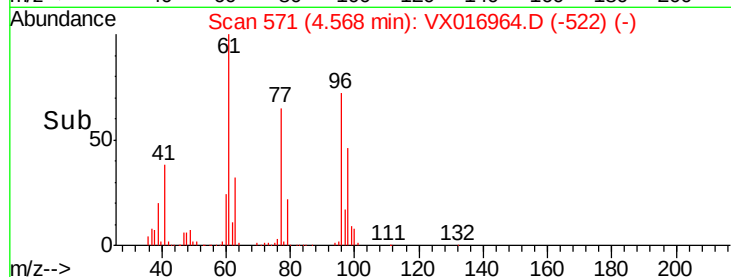
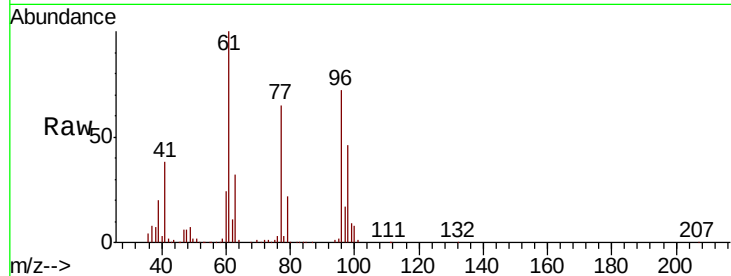
cis-1,2-Dichloroethene
Concen: 46.689 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	153.6	0.0	307.2	
98	64.2	0.0	128.4	

Manual Integrations
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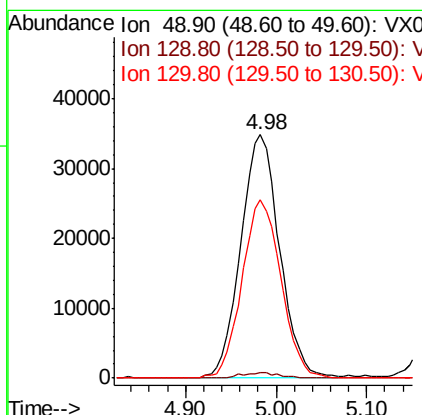
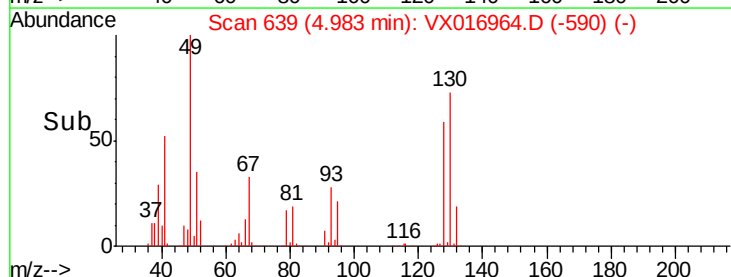
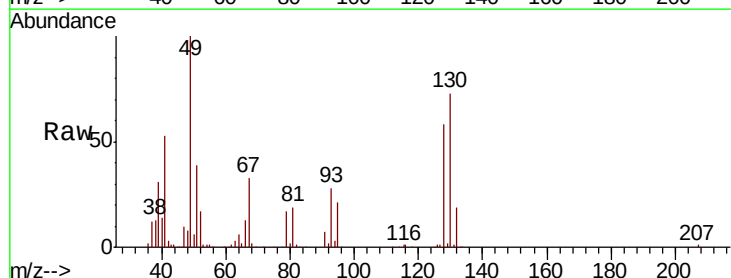
MMDadoda
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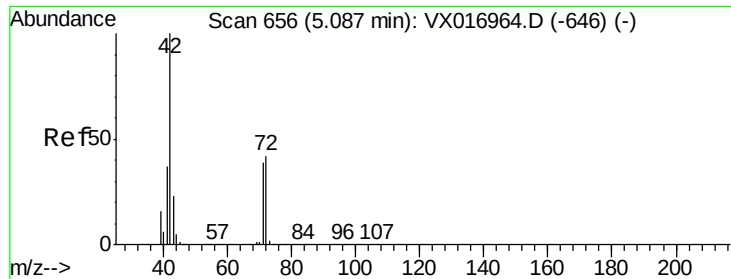


#28

Bromochloromethane
Concen: 48.544 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.2	0.0	4.4	
130	73.4	58.7	88.1	





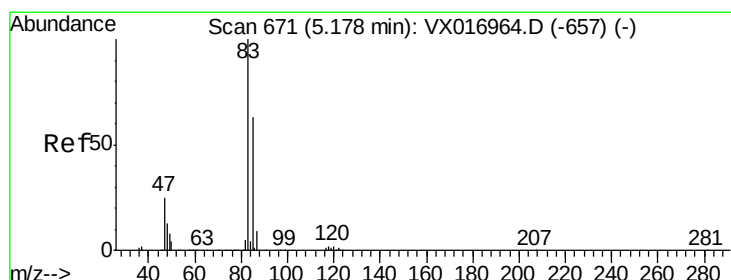
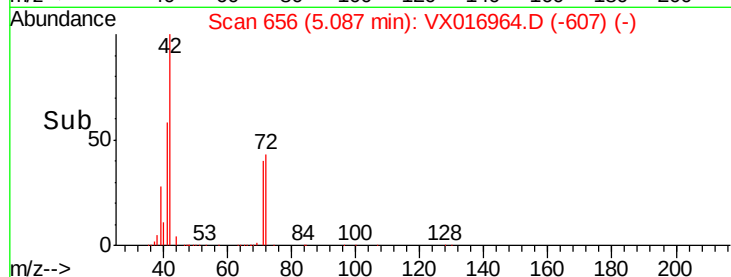
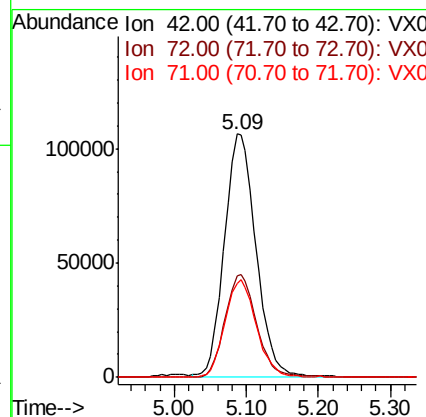
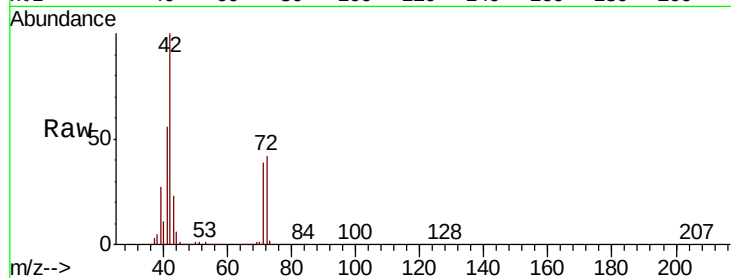
#29
Tetrahydrofuran
Concen: 263.867 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.6	34.1	51.1
71	40.1	32.1	48.1

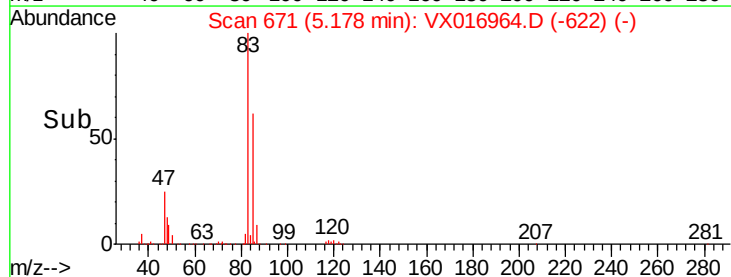
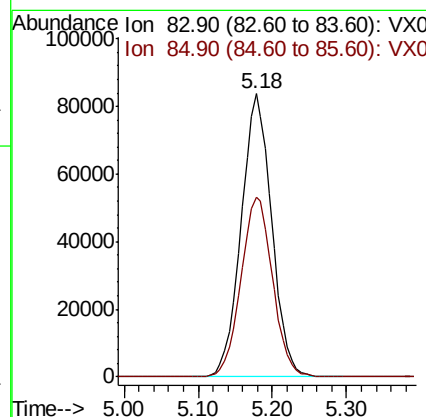
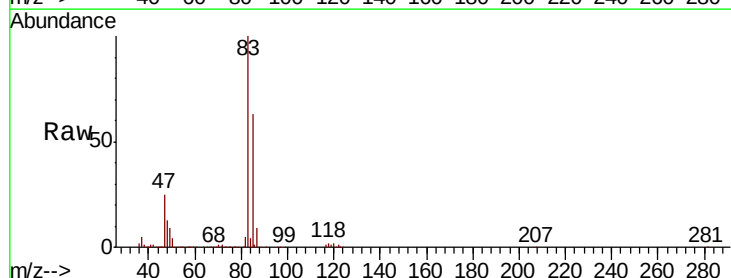
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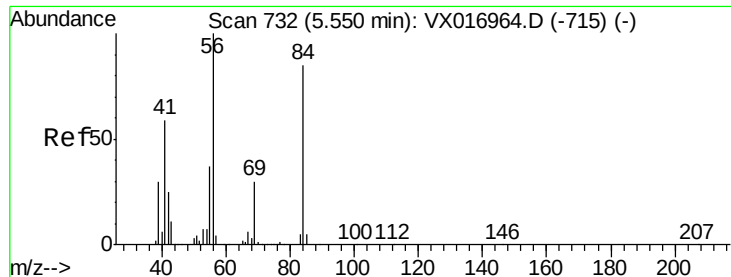
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#30
Chloroform
Concen: 50.377 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.7	76.1





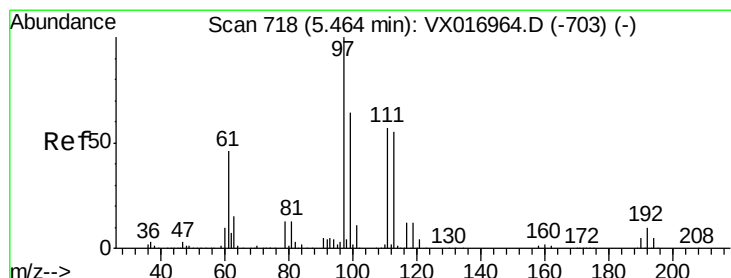
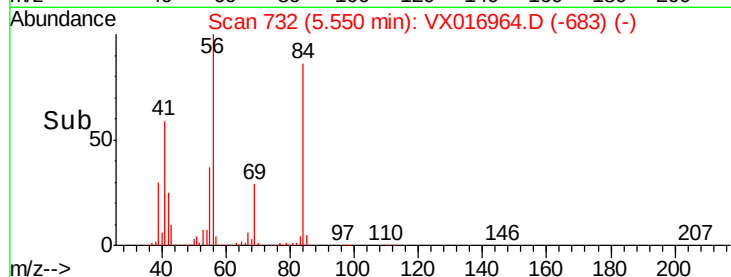
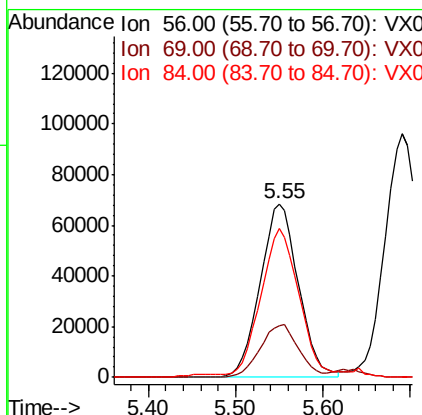
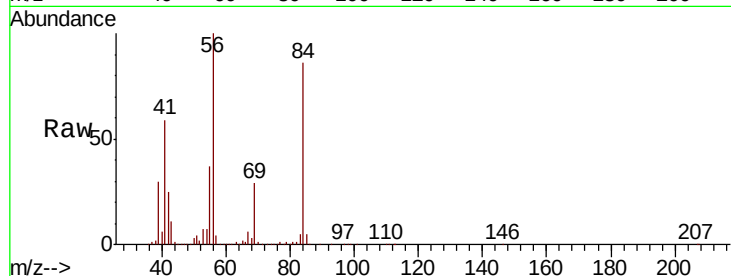
#31
Cyclohexane
Concen: 46.706 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.5	23.6	35.4
84	84.8	67.8	101.8

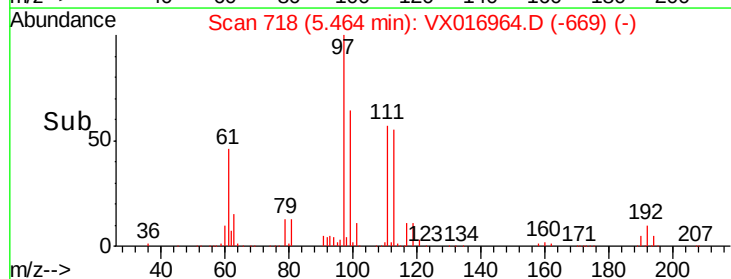
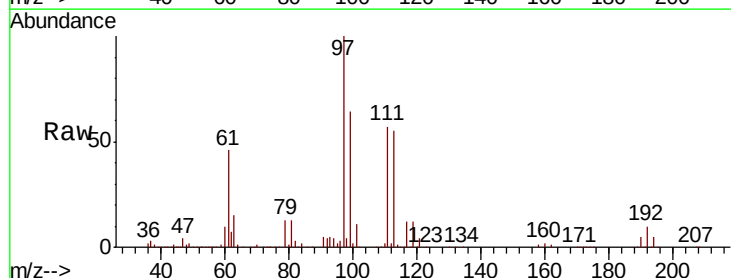
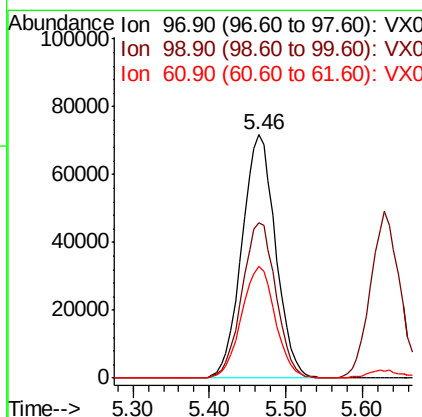
Manual Integrations
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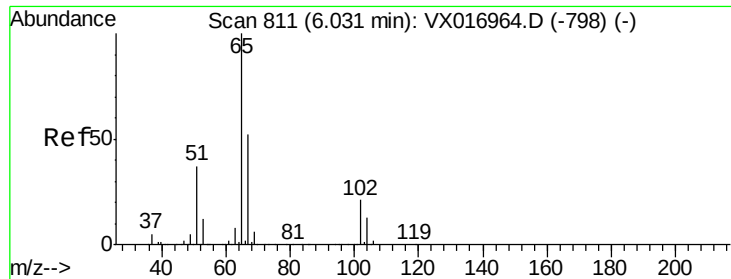
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#32
1,1,1-Trichloroethane
Concen: 50.961 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.2
61	46.2	37.0	55.4





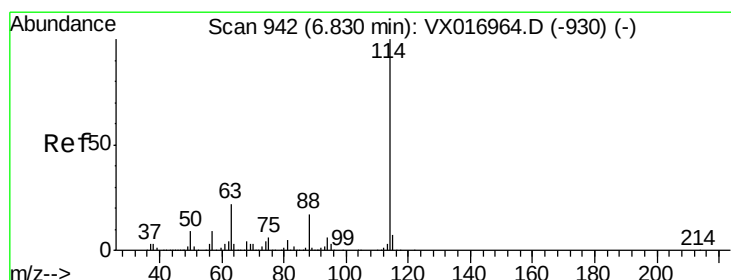
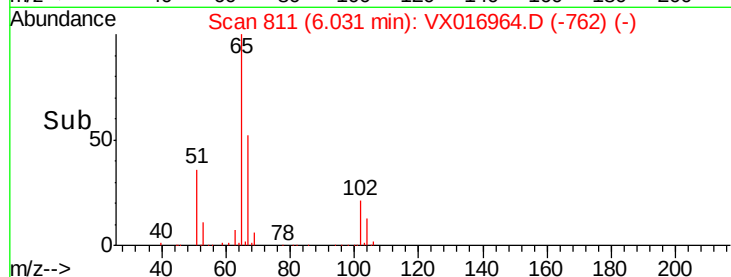
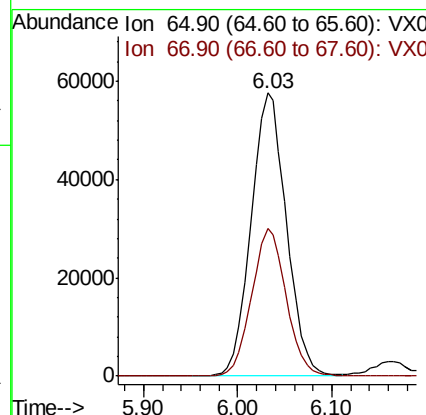
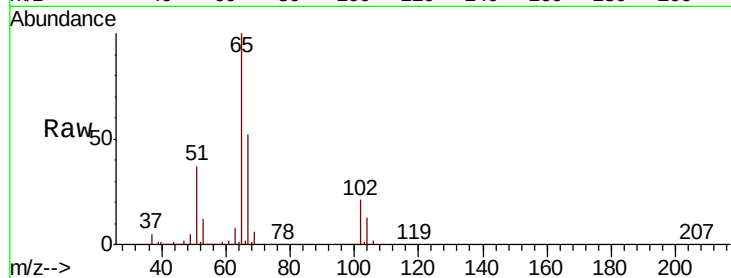
#33
 1,2-Dichloroethane-d4
 Concen: 49.499 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016964.D
 Acq: 25 Jun 2020 20:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	102.8

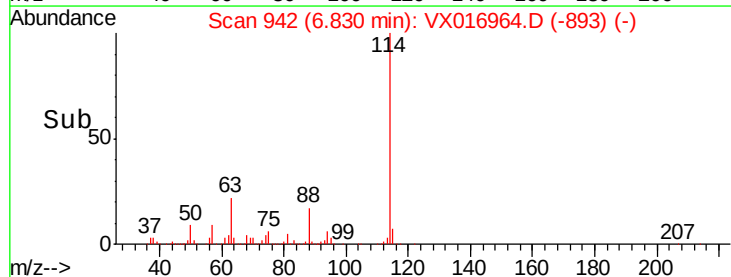
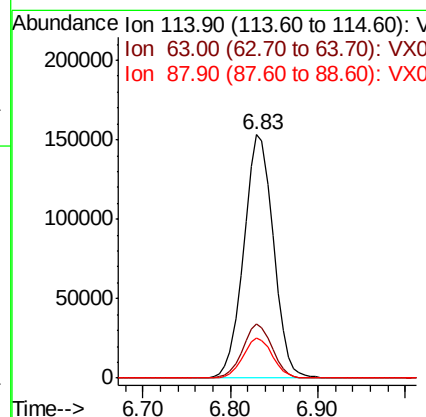
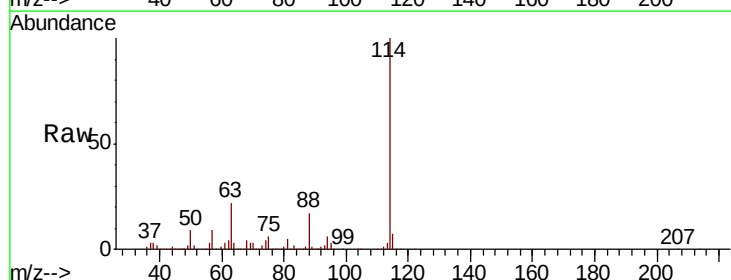
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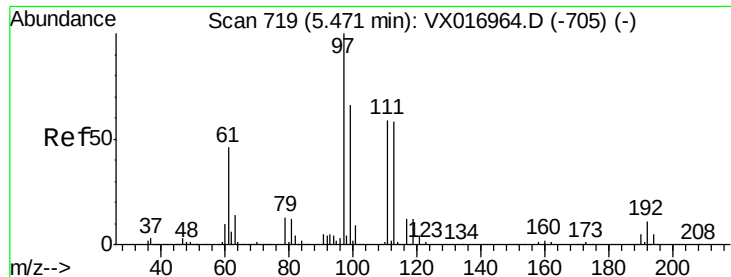
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016964.D
 Acq: 25 Jun 2020 20:00

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	44.4
88	16.6	0.0	33.2





#35

Dibromofluoromethane

Concen: 55.354 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Instrument :

MSVOA_X

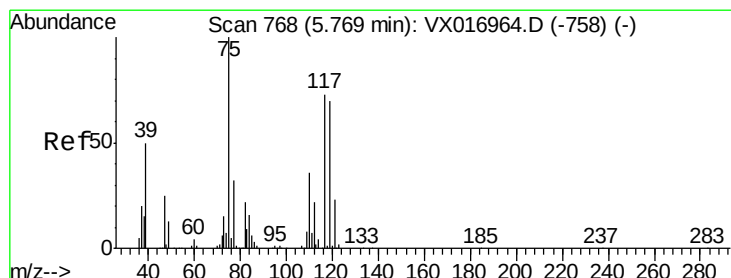
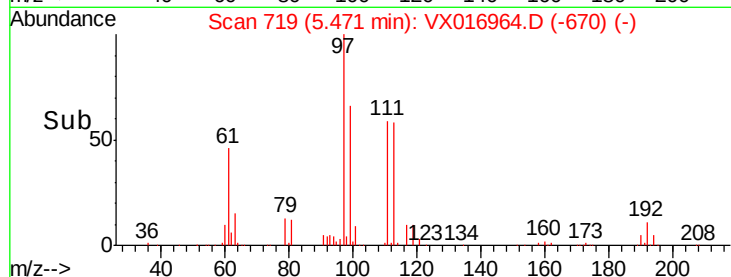
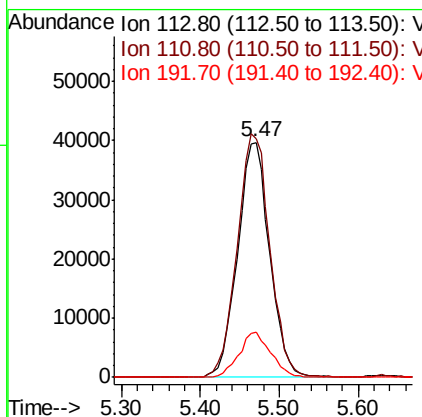
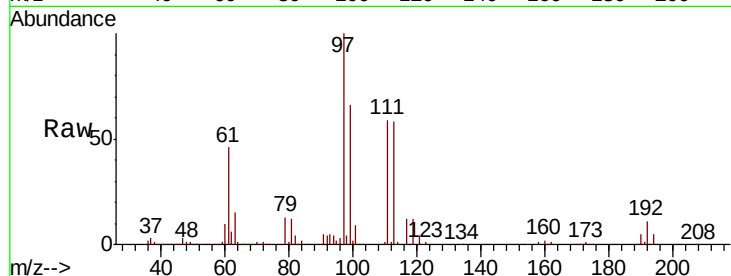
ClientSampleId :

VSTDICCC050

Tot Ion:	113	Resp:	112057
Ion Ratio	Lower	Upper	
113	100		
111	105.4	84.3	126.5
192	19.0	15.2	22.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 52.123 ug/l

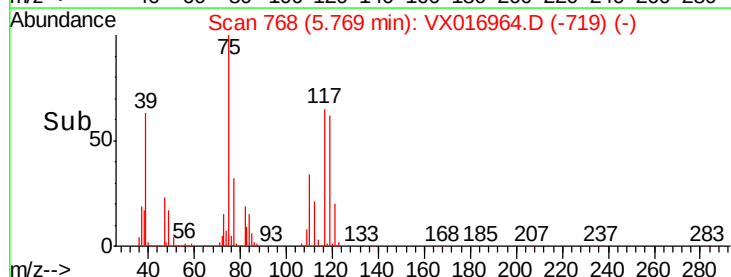
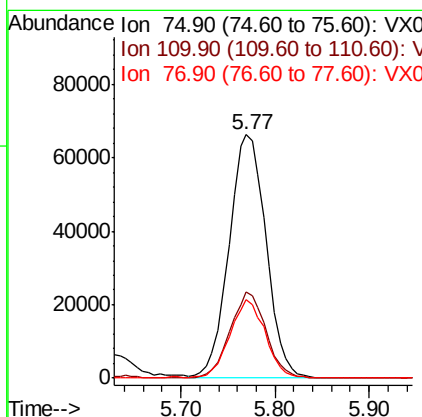
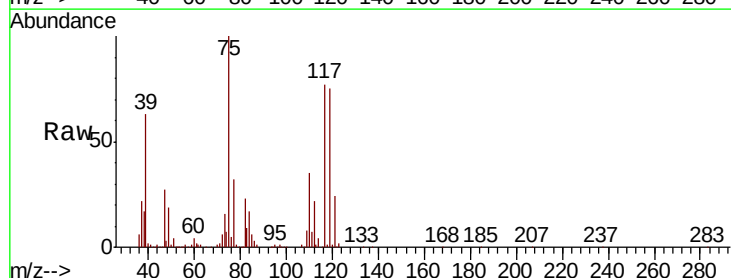
RT: 5.77 min Scan# 768

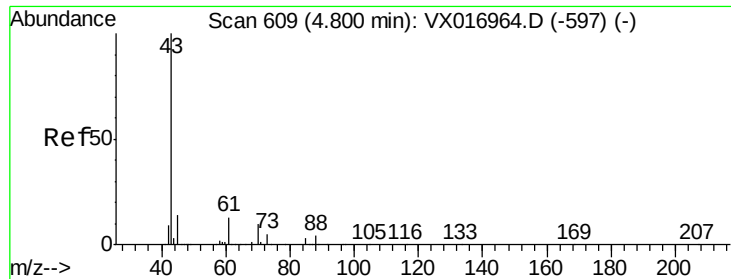
Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Tgt Ion:	75	Resp:	180766
Ion Ratio	Lower	Upper	
75	100		
110	34.4	17.2	51.6
77	30.9	24.7	37.1





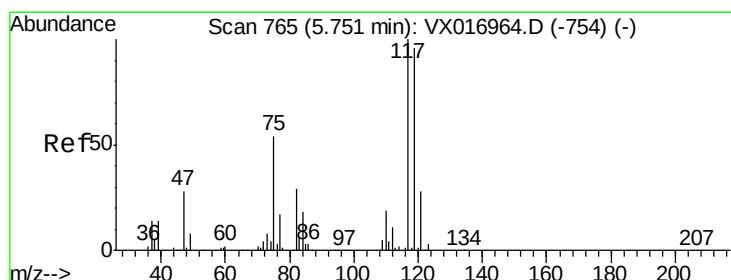
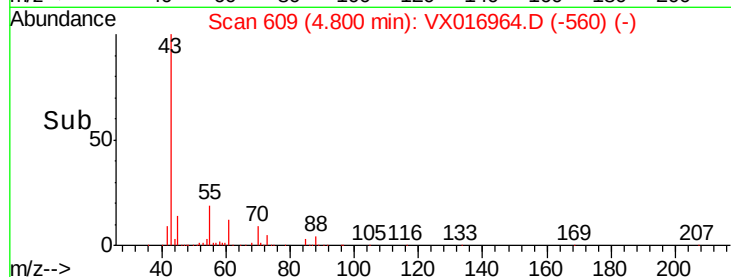
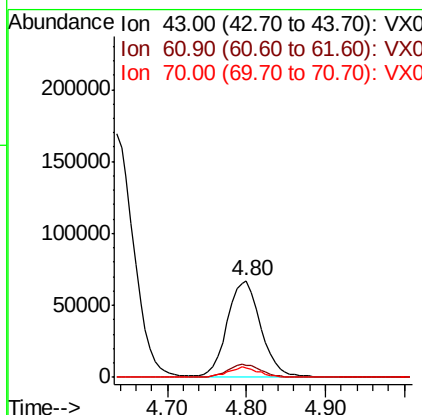
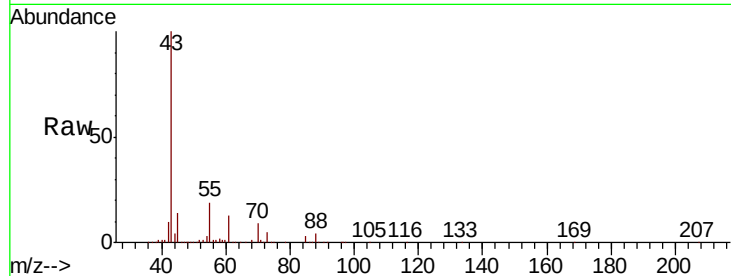
#37
Ethyl Acetate
Concen: 55.795 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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

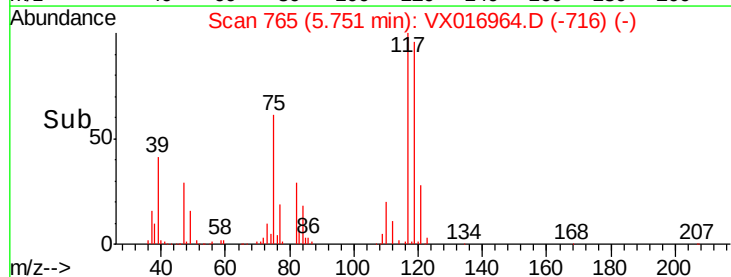
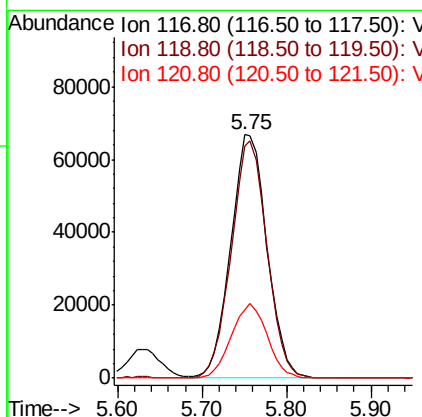
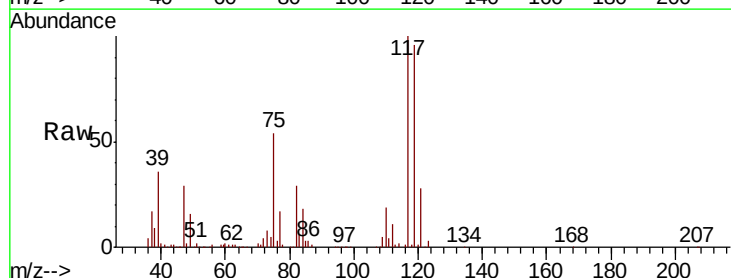
Manual Integrations
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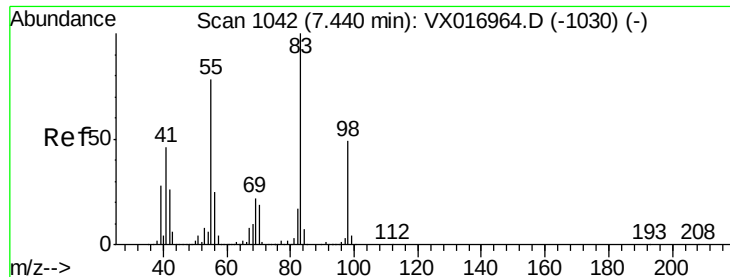
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6/29/2020 12:32:23 PM



#38
Carbon Tetrachloride
Concen: 59.629 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.6	114.8
121	28.1	22.5	33.7





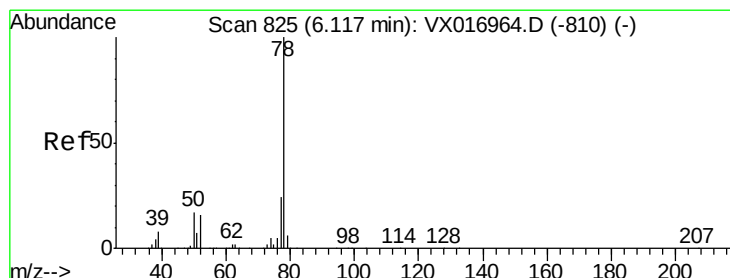
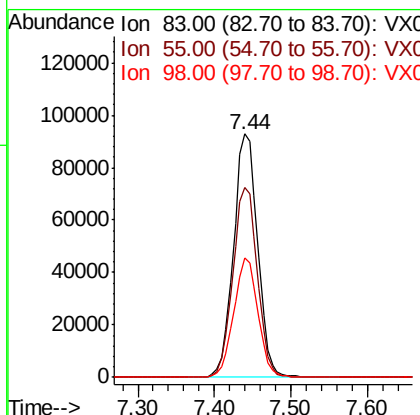
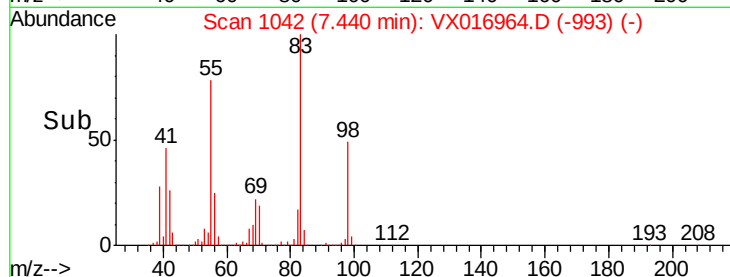
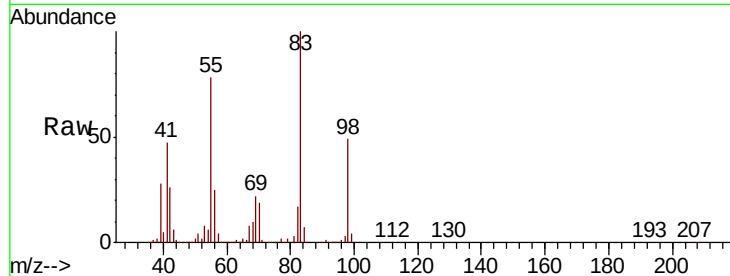
#39
Methylvlcyclohexane
Concen: 48.905 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.0	62.4	93.6
98	49.2	39.4	59.0

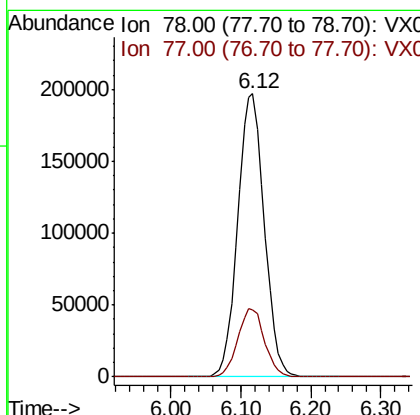
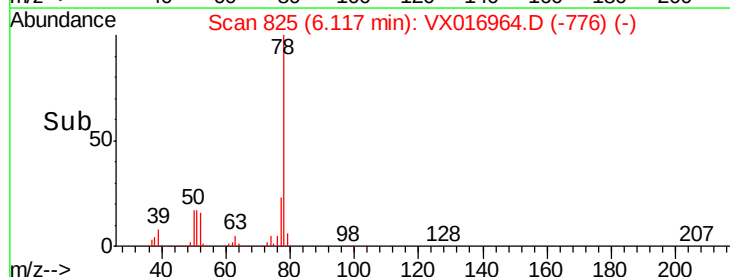
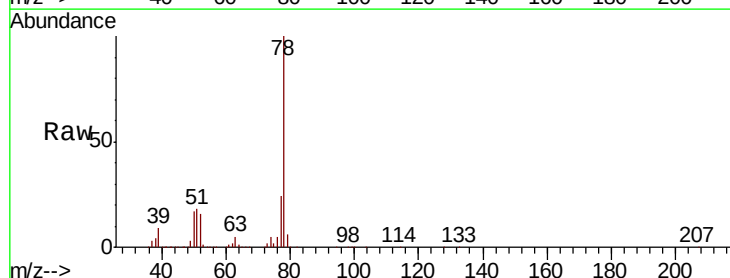
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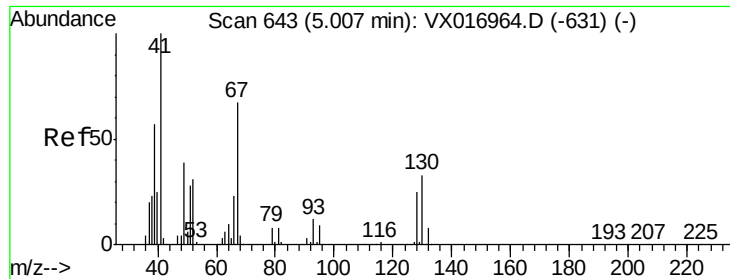
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6/29/2020 12:32:23 PM



#40
Benzene
Concen: 51.390 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.9	28.3





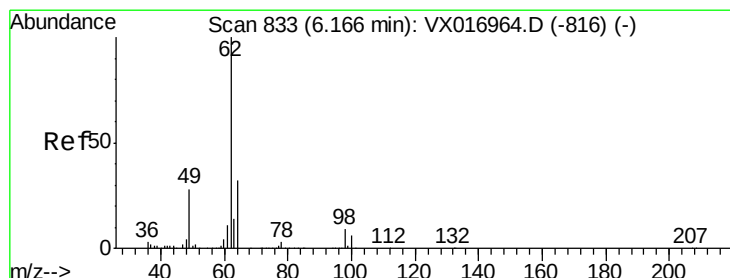
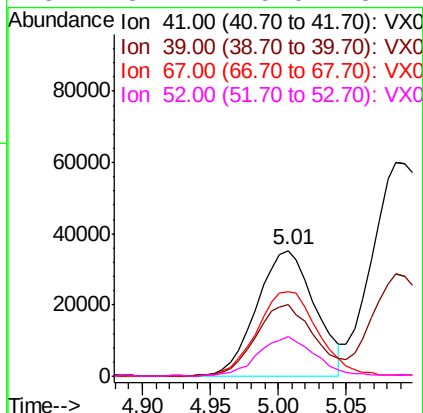
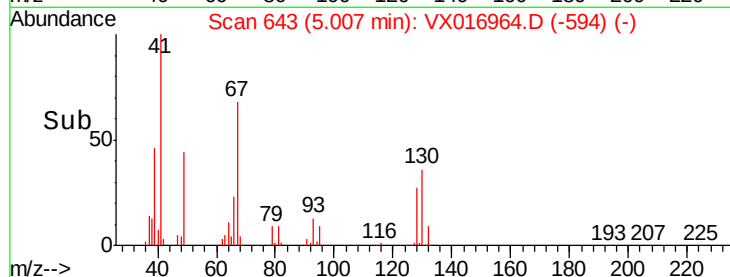
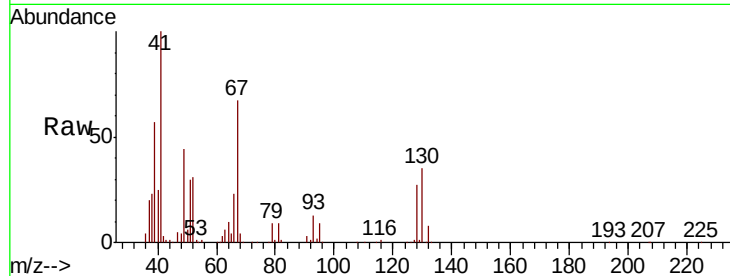
#41
Methacrylonitrile
Concen: 52.807 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	58.3	46.6	70.0	
67	71.3	57.0	85.6	
52	31.2	25.0	37.4	

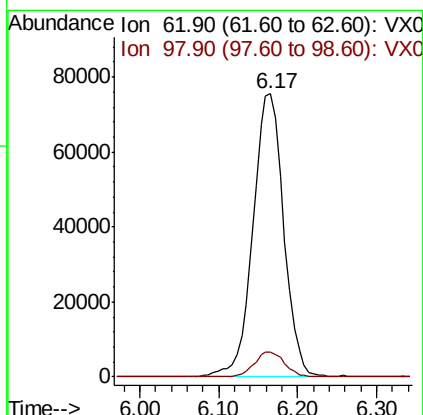
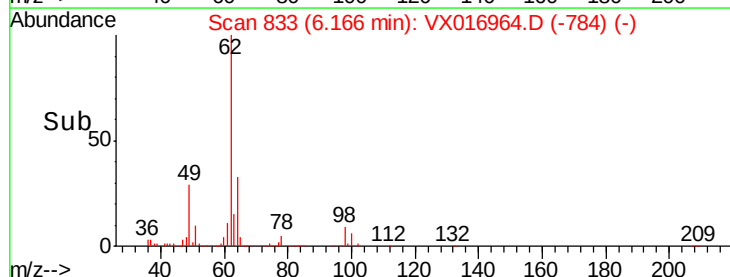
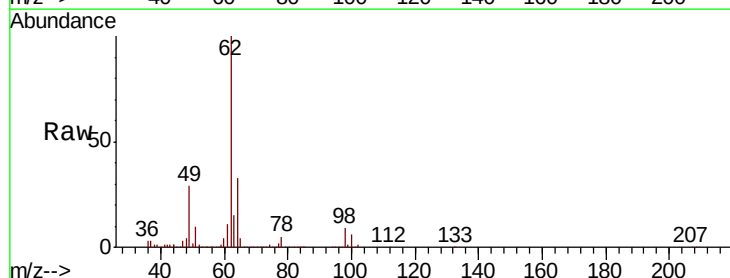
Manual Integrations
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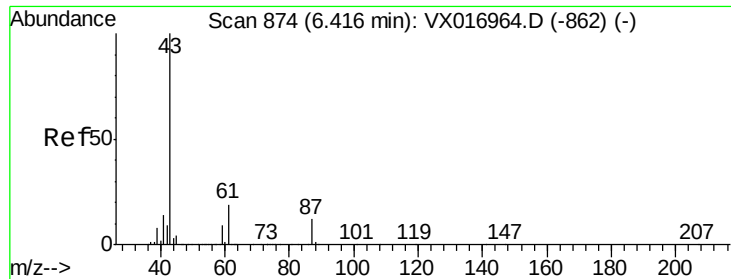
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#42
1,2-Dichloroethane
Concen: 56.614 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	17.2	





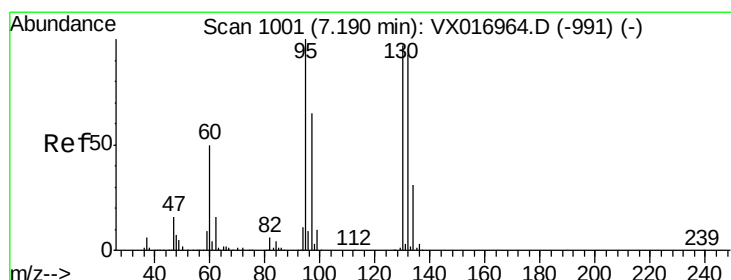
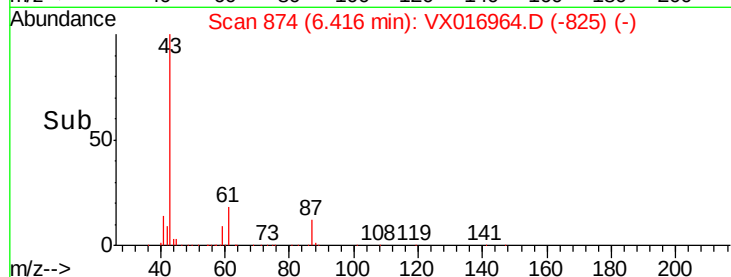
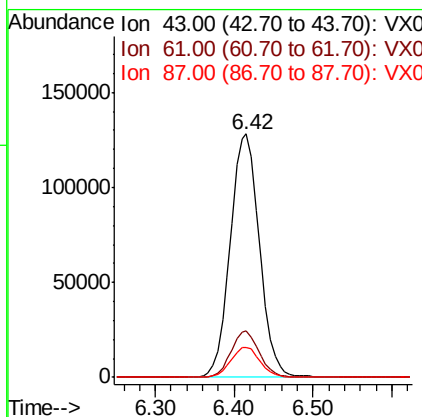
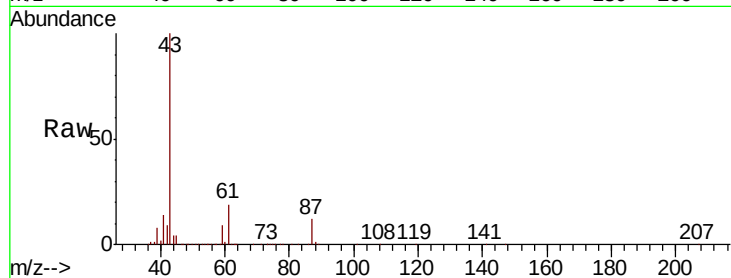
#43
Isopropyl Acetate
Concen: 56.472 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.0	22.6
87	12.5	10.0	15.0

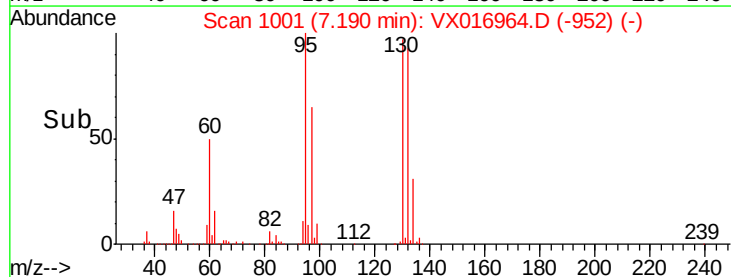
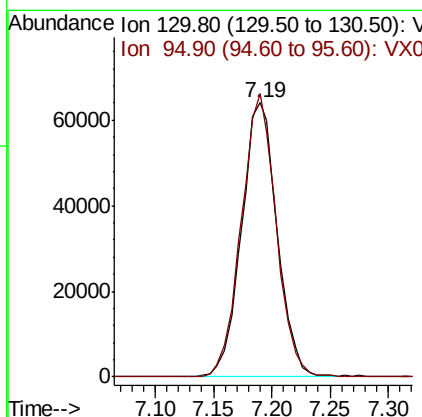
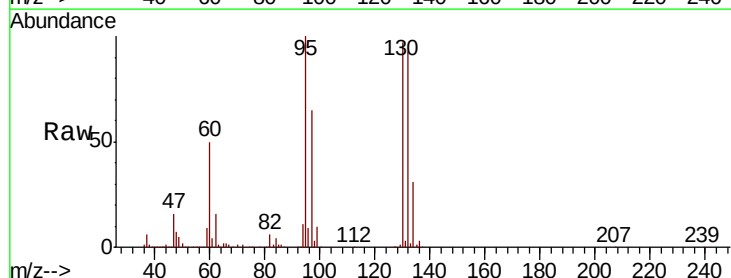
Manual Integrations
APPROVED

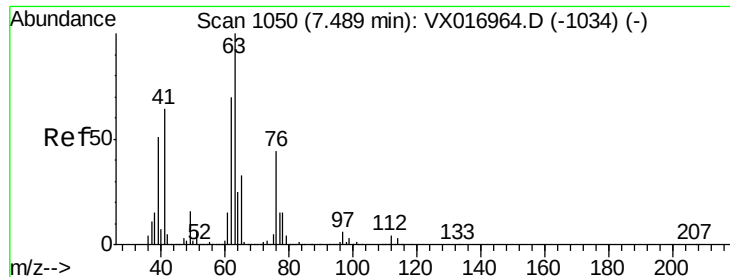
MMDadoda
6/29/2020 12:32:23 PM



#44
Trichloroethene
Concen: 44.844 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.3	0.0	206.6





#45

1,2-Dichloropropane

Concen: 52.414 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 63 Resp: 135836

Ion Ratio Lower Upper

63 100

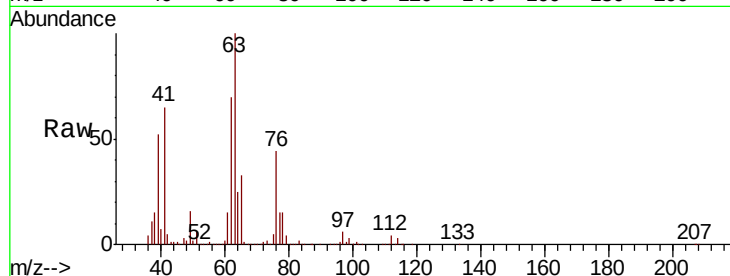
65 32.6 26.1 39.1

Manual Integrations

APPROVED

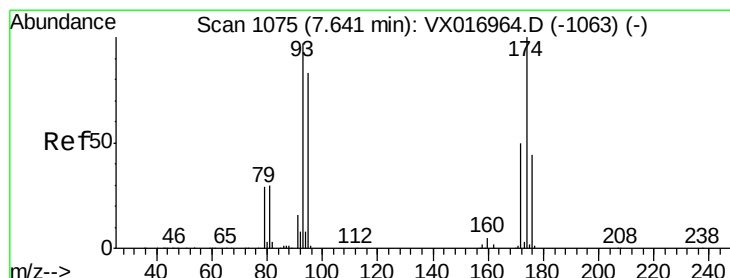
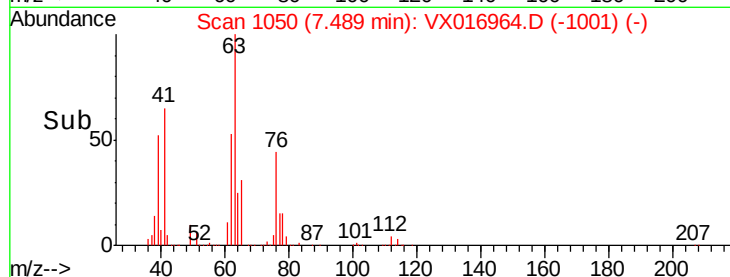
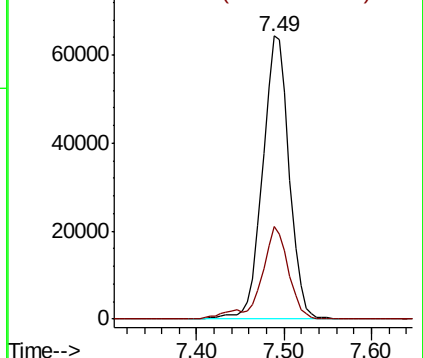
MMDadoda

6/29/2020 12:32:23 PM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 53.122 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

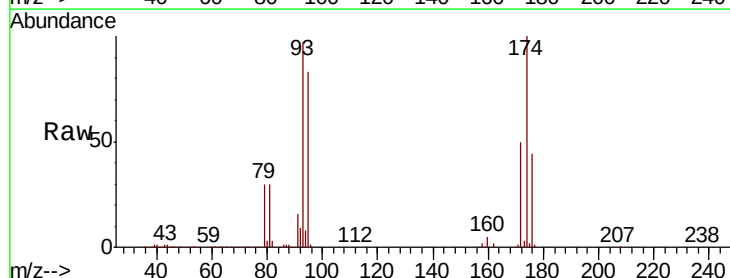
Tgt Ion: 93 Resp: 92273

Ion Ratio Lower Upper

93 100

95 84.4 67.5 101.3

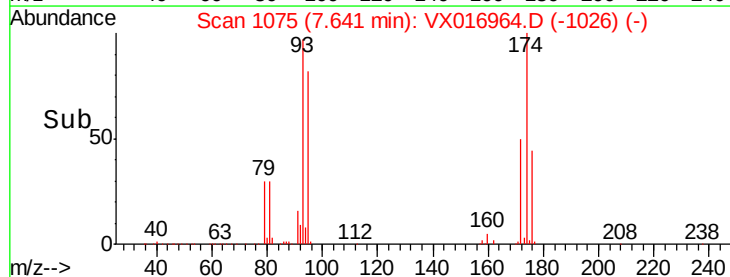
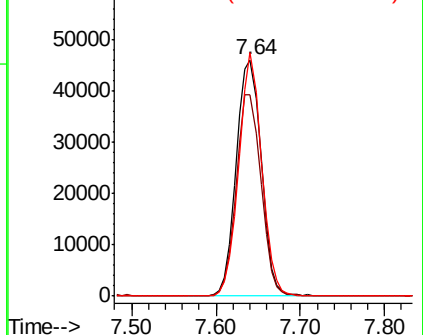
174 93.7 75.0 112.4

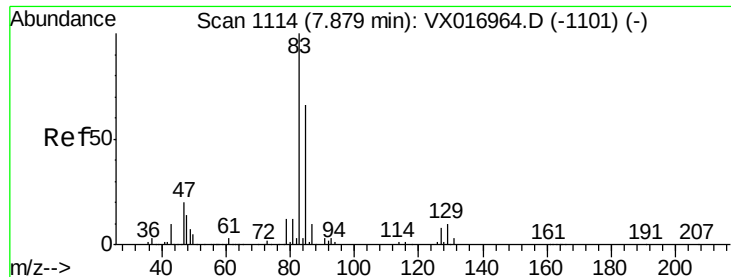


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





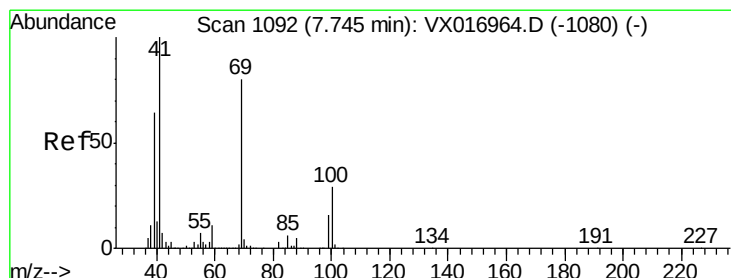
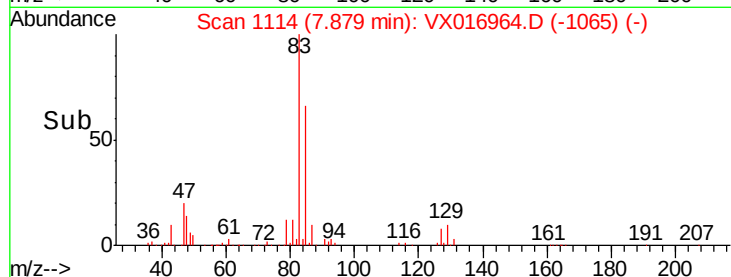
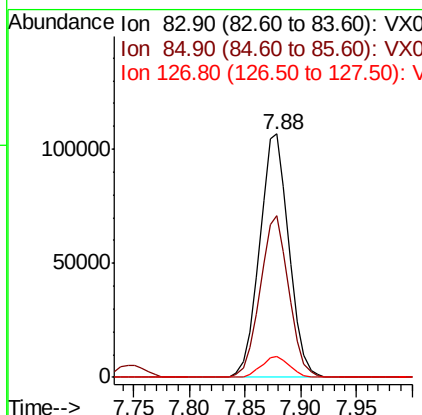
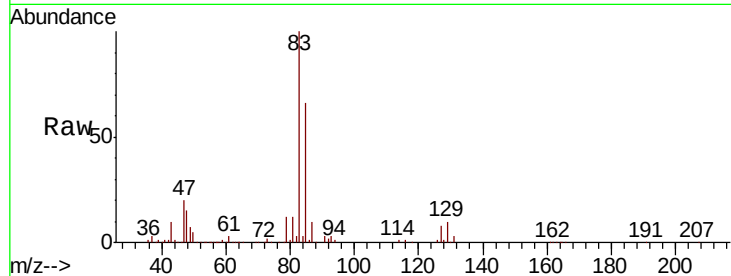
#47
Bromodichloromethane
Concen: 54.906 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	195370		
85	66.4	53.1	79.7	
127	8.5	6.8	10.2	

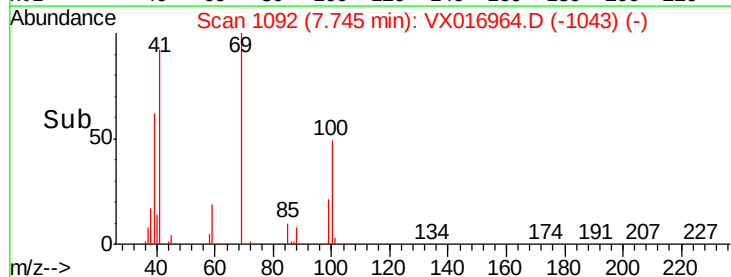
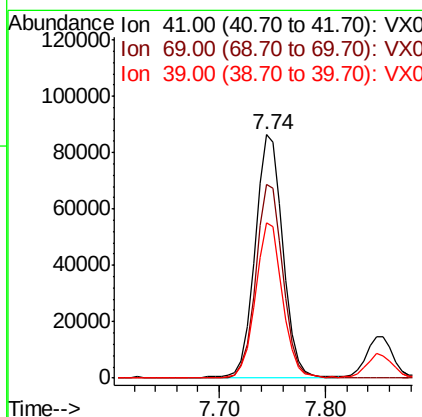
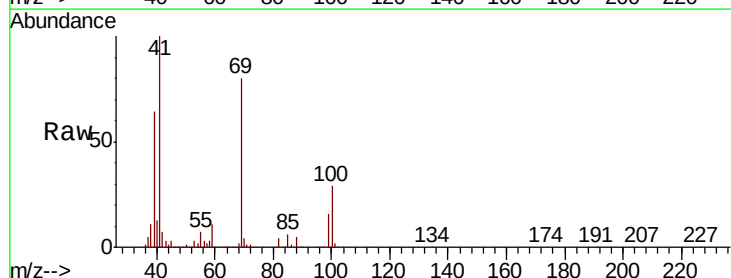
Manual Integrations
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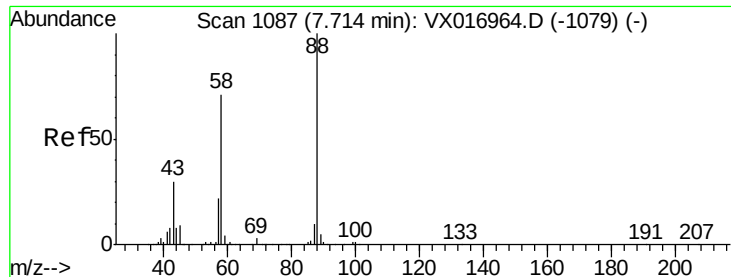
MMDadoda
6/29/2020 12:32:23 PM



#48
Methyl methacrylate
Concen: 55.160 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	157049		
69	78.4	62.7	94.1	
39	62.0	49.6	74.4	





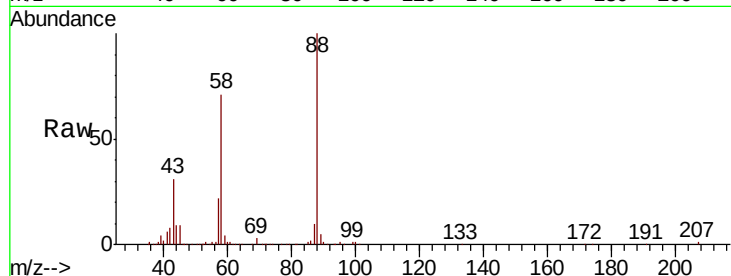
#49
1,4-Dioxane
Concen: 998.552 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.1	28.1	42.1
58	70.1	56.1	84.1

Manual Integrations
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MMDadoda
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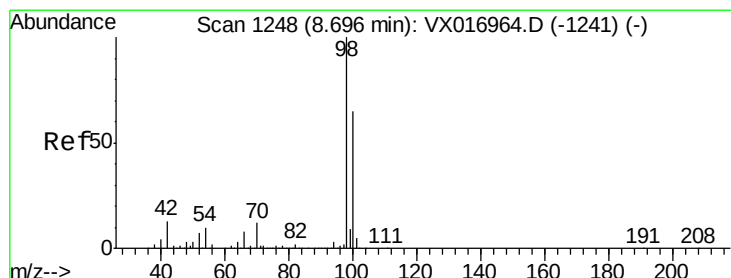
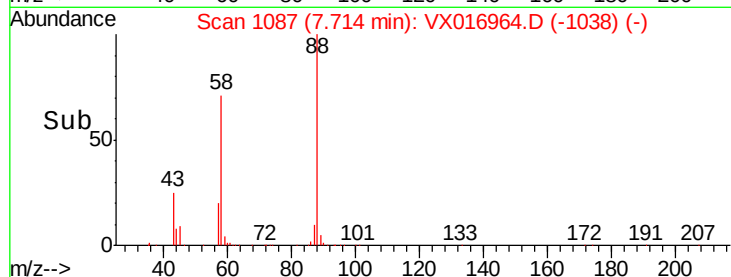
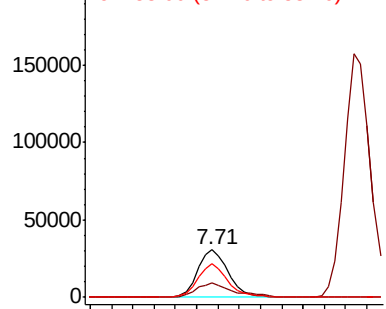


Abundance

Ion 88.00 (87.70 to 88.70): VX0

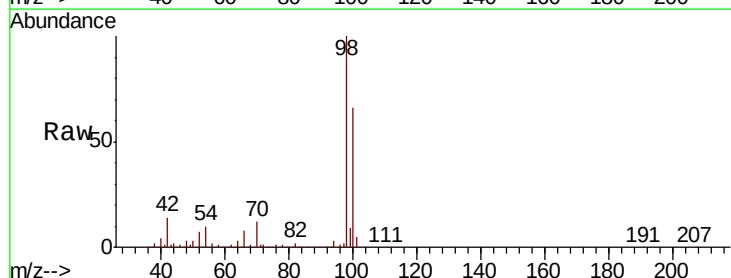
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 50.313 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

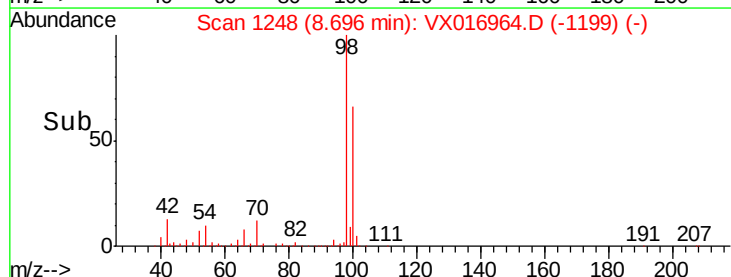
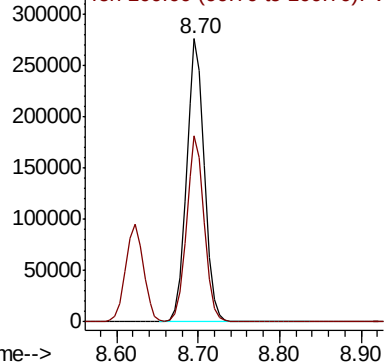
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2

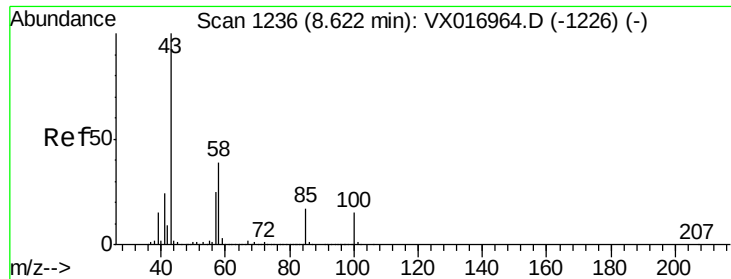


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





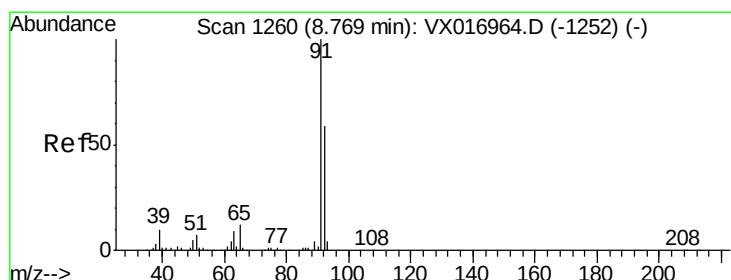
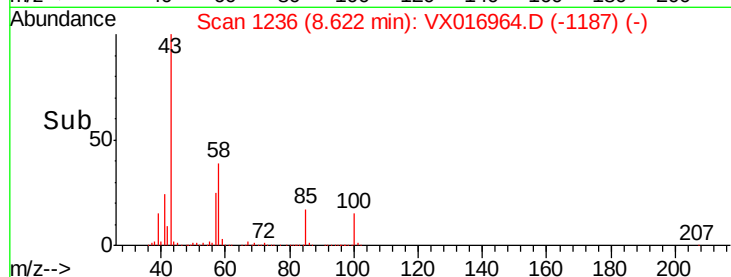
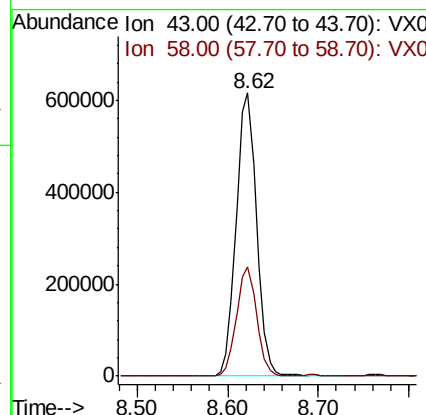
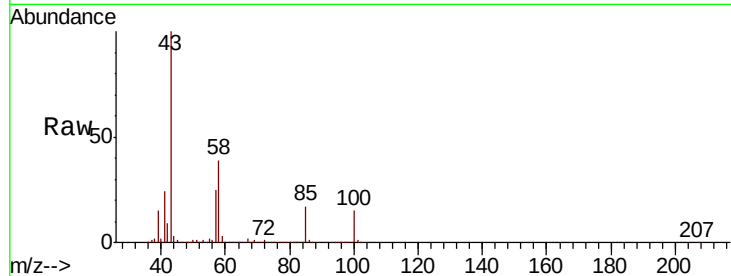
#51
4-Methyl-2-Pentanone
Concen: 283.974 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.0	30.4	45.6

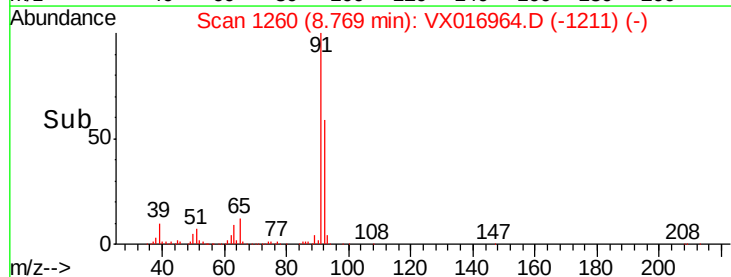
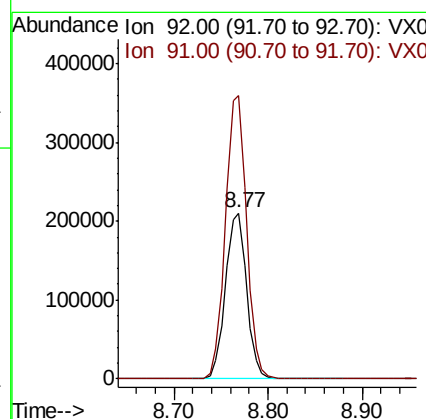
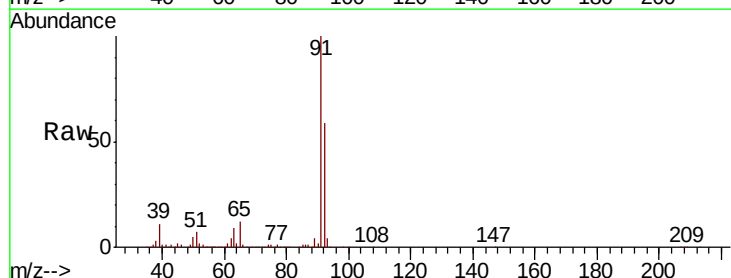
Manual Integrations
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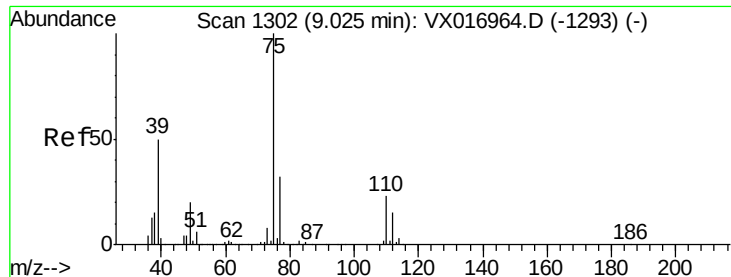
MMDadoda
6/29/2020 12:32:23 PM



#52
Toluene
Concen: 51.198 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.9	136.7	205.1





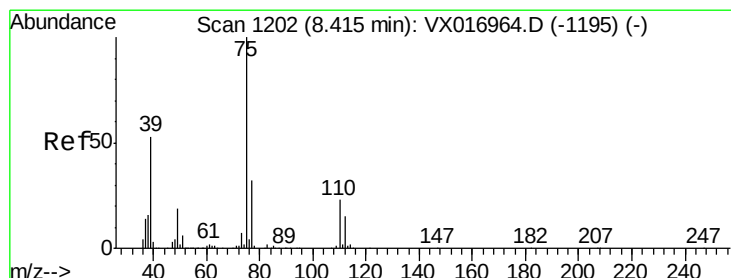
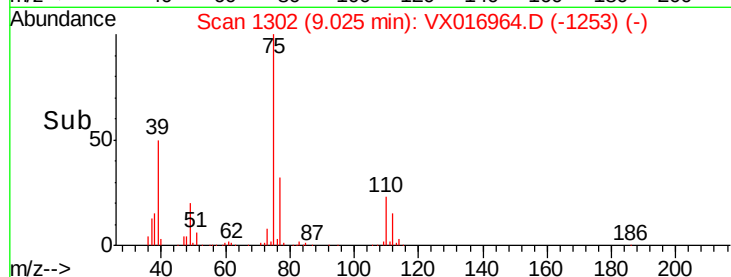
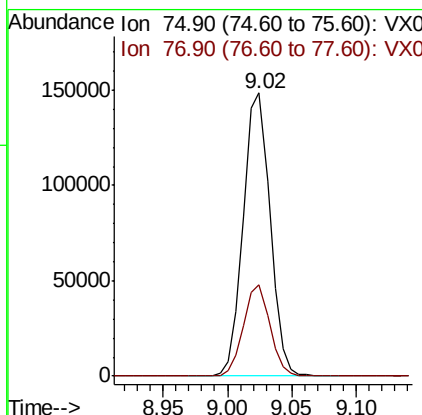
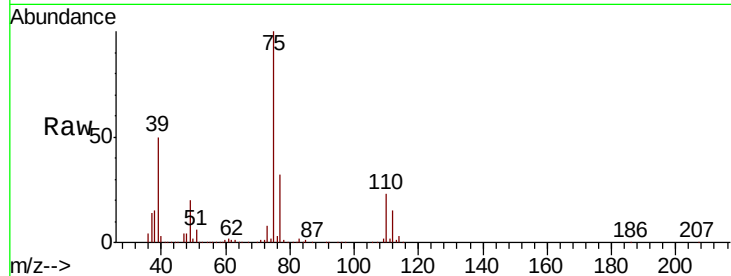
#53
t-1,3-Dichloropropene
Concen: 50.845 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.8	38.6

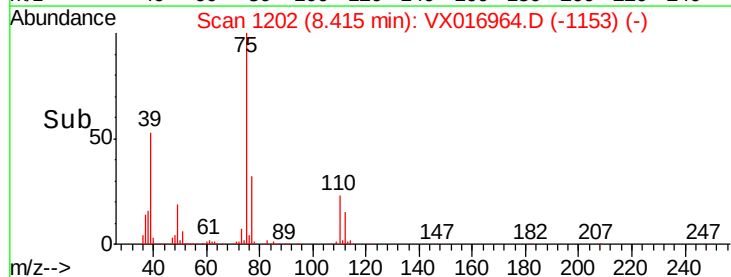
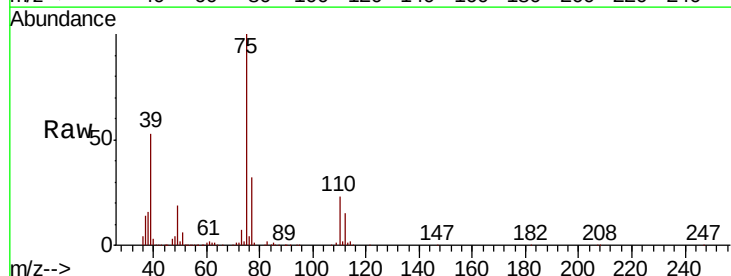
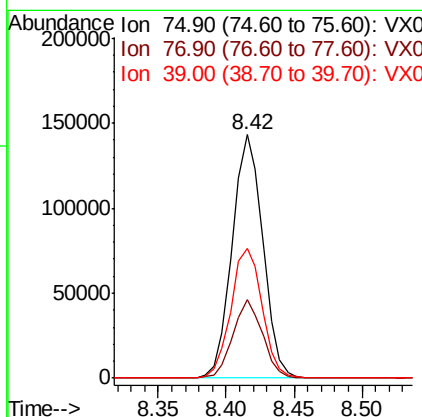
Manual Integrations
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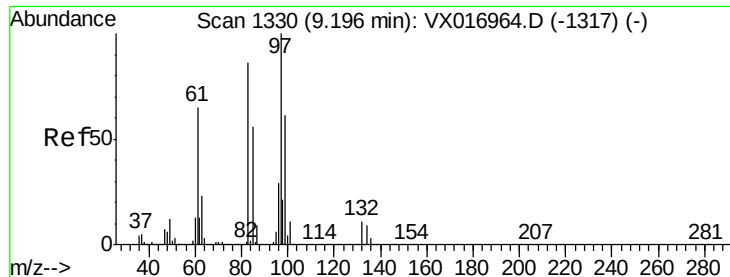
MMDadoda
6/29/2020 12:32:23 PM



#54
cis-1,3-Dichloropropene
Concen: 51.060 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.7	38.5
39	53.4	42.7	64.1





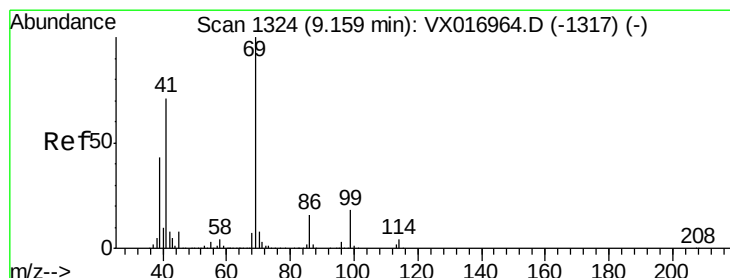
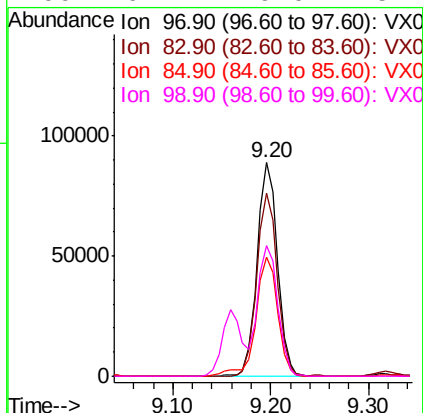
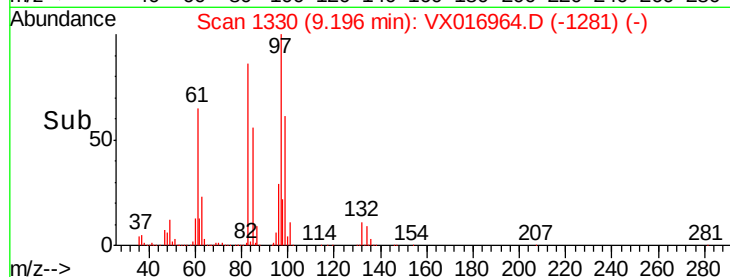
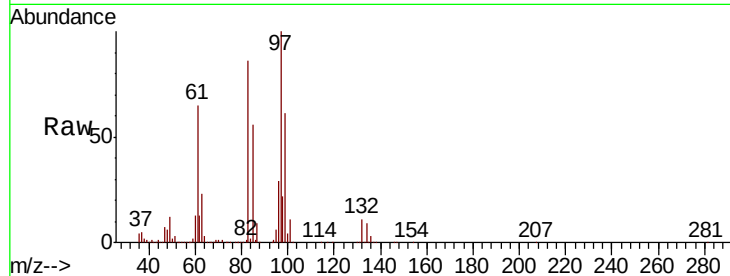
#55
 1,1,2-Trichloroethane
 Concen: 50.469 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016964.D
 Acq: 25 Jun 2020 20:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		128797		
83	85.8	68.6	103.0		
85	55.6	44.5	66.7		
99	61.2	49.0	73.4		

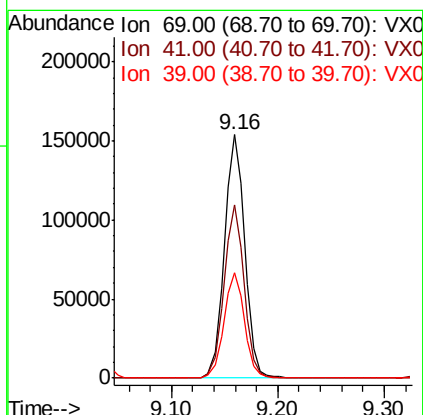
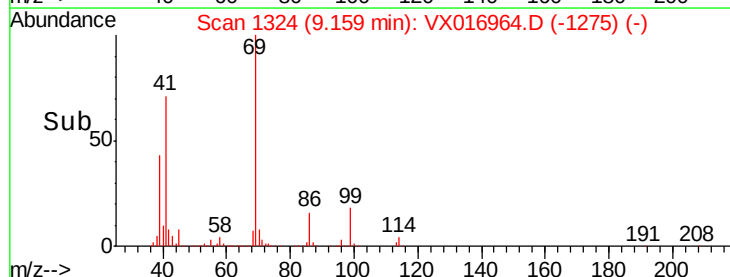
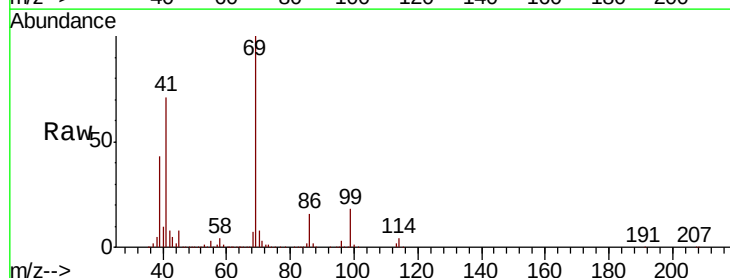
Manual Integrations
 APPROVED

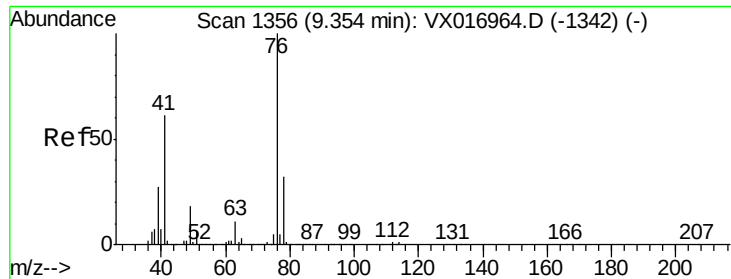
MMDadoda
 6/29/2020 12:32:23 PM



#56
 Ethyl methacrylate
 Concen: 50.415 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016964.D
 Acq: 25 Jun 2020 20:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		206051		
41	69.9	55.9	83.9		
39	43.2	34.6	51.8		





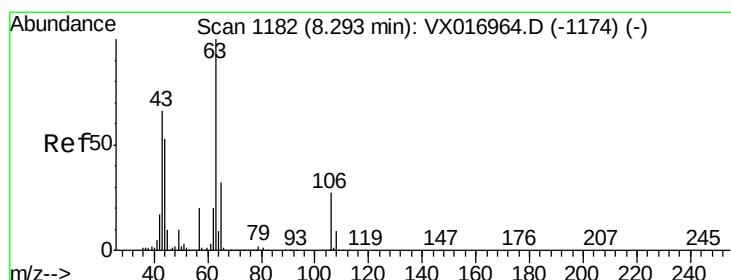
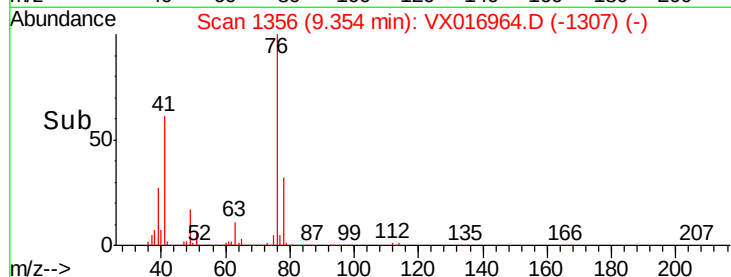
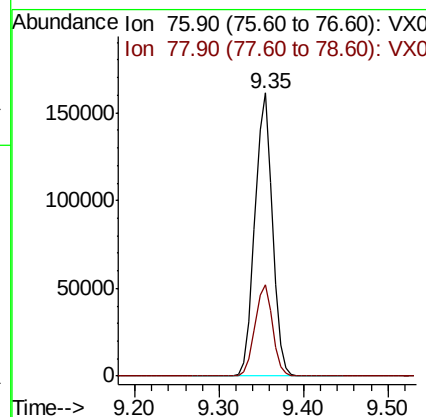
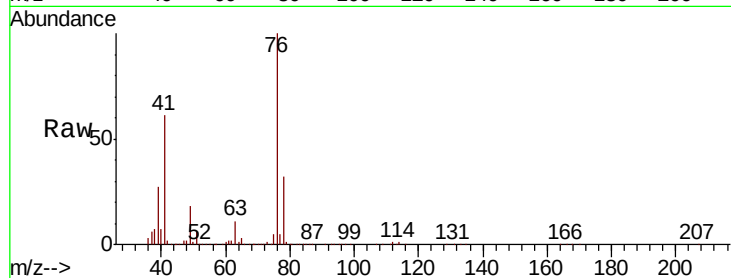
#57
 1,3-Dichloropropane
 Concen: 51.377 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX016964.D
 Acq: 25 Jun 2020 20:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.0	39.0

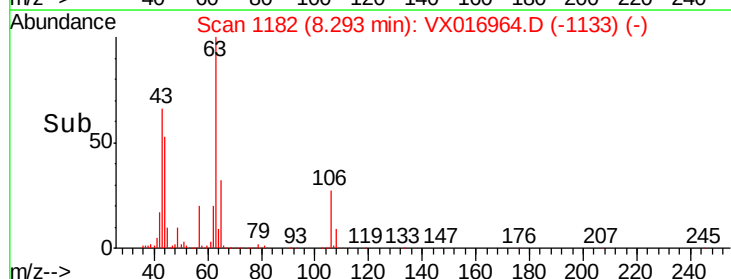
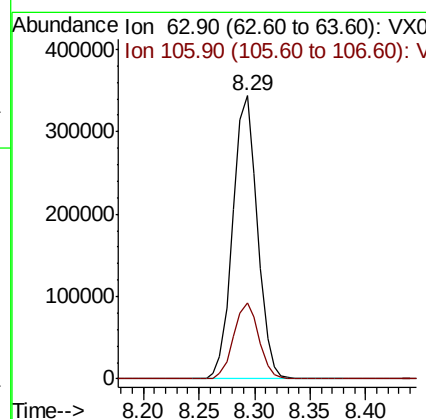
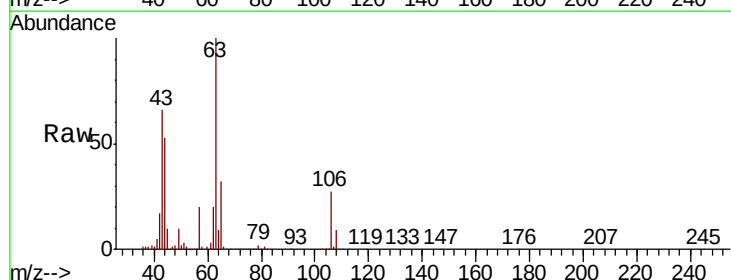
Manual Integrations
 APPROVED

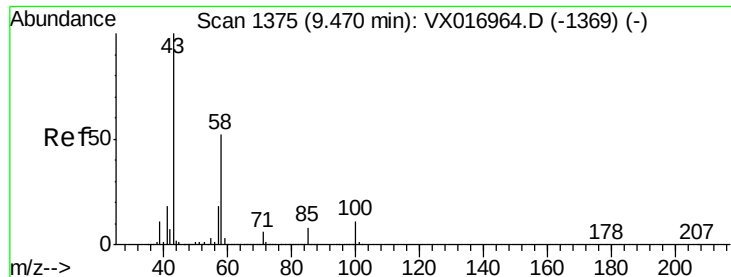
MMDadoda
 6/29/2020 12:32:23 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.178 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX016964.D
 Acq: 25 Jun 2020 20:00

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.6	22.1	33.1





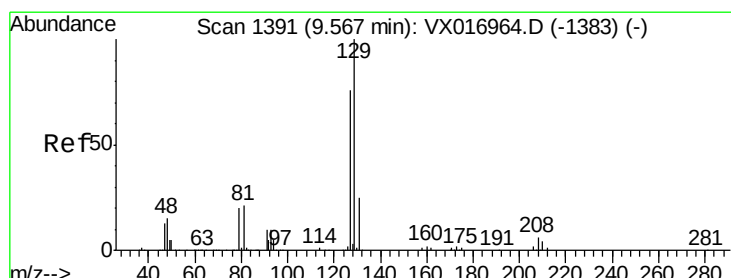
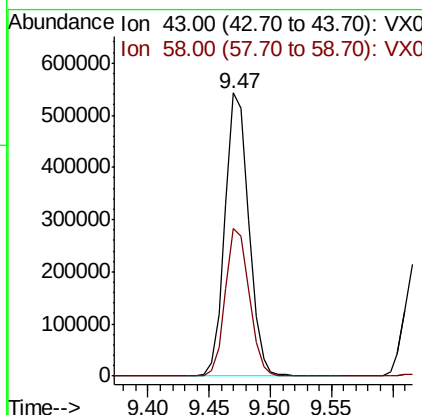
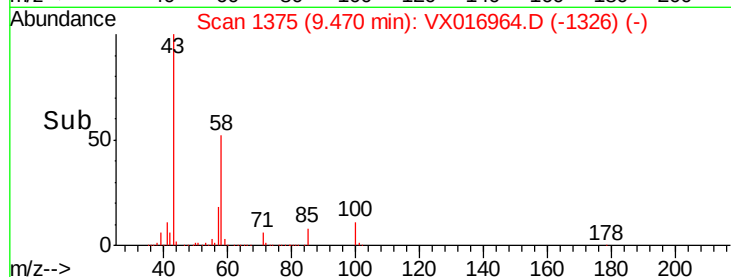
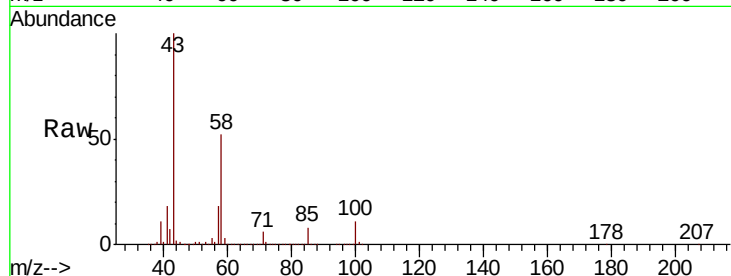
#59
2-Hexanone
Concen: 283.324 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 729512
Ion Ratio Lower Upper
43 100
58 52.6 26.3 78.9

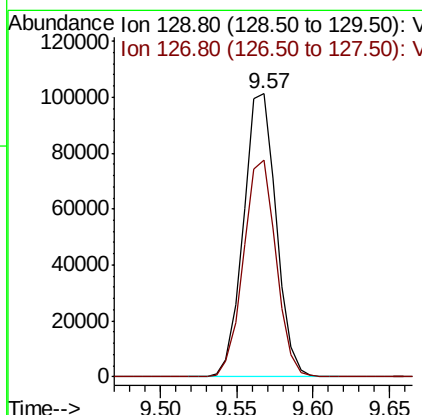
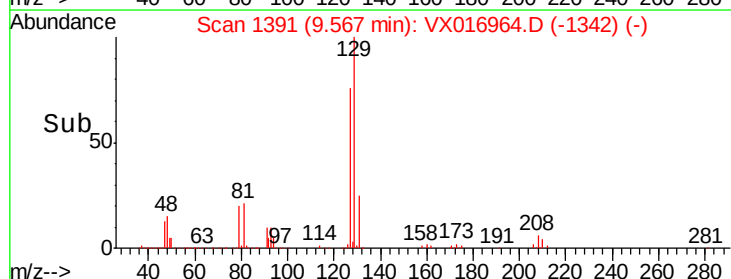
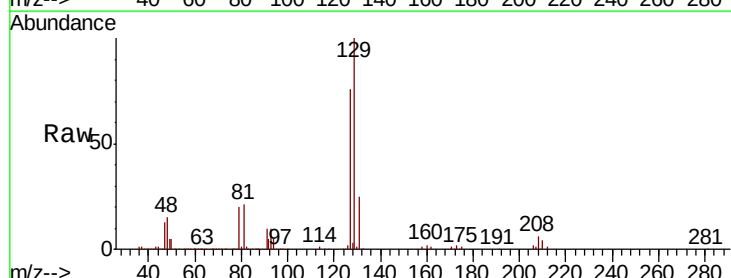
Manual Integrations
APPROVED

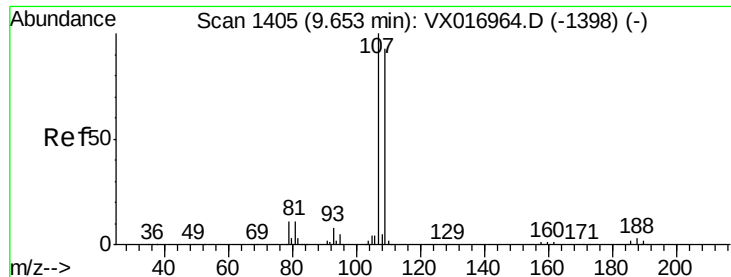
MMDadoda
6/29/2020 12:32:23 PM



#60
Dibromochloromethane
Concen: 58.049 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion: 129 Resp: 150480
Ion Ratio Lower Upper
129 100
127 76.0 38.0 114.0





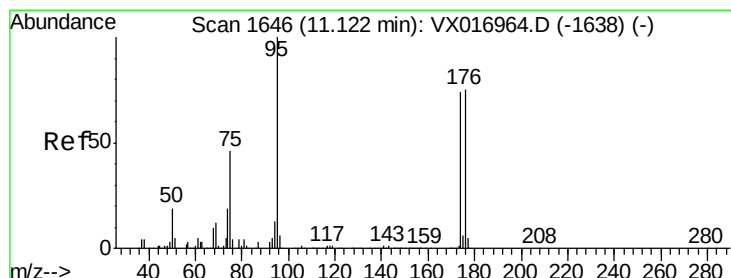
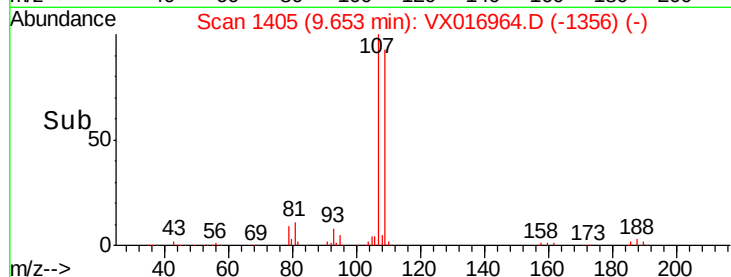
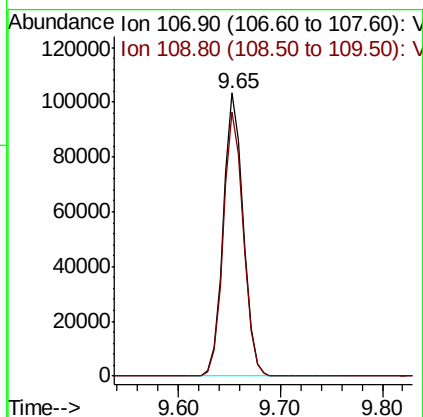
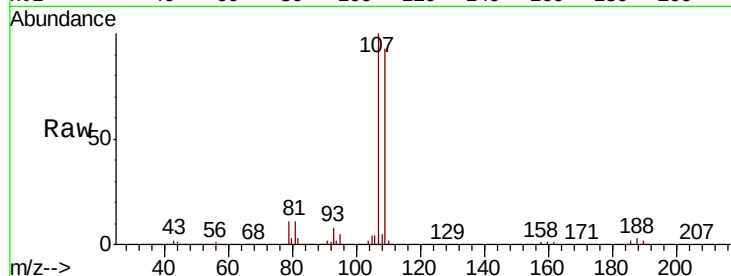
#61
 1,2-Dibromoethane
 Concen: 53.017 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX016964.D
 Acq: 25 Jun 2020 20:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.0	112.6

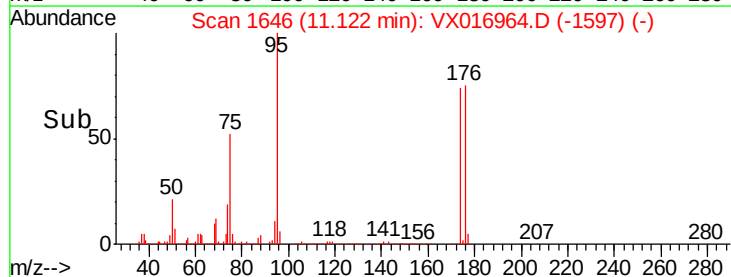
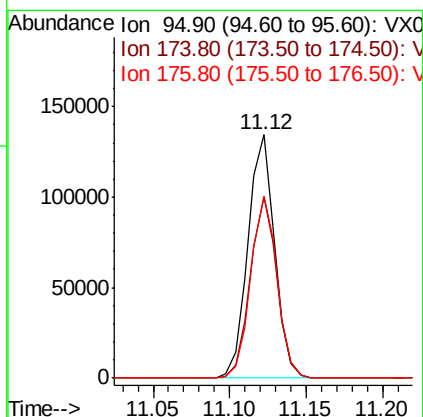
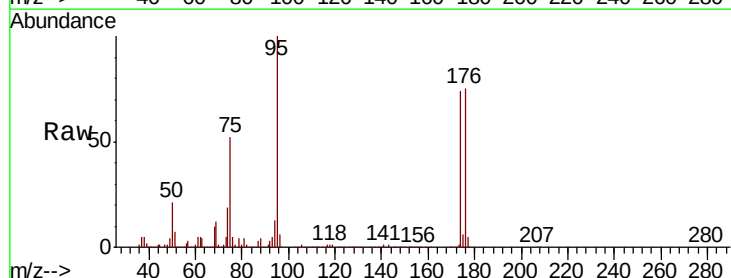
Manual Integrations
 APPROVED

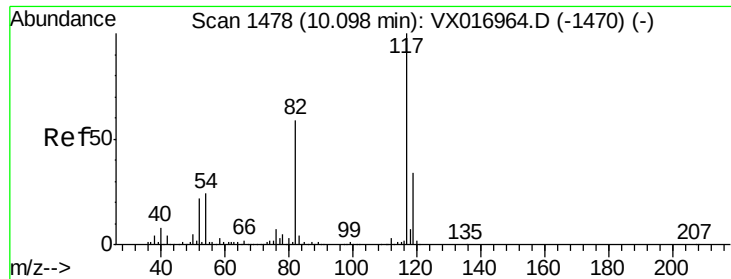
MMDadoda
 6/29/2020 12:32:23 PM



#62
 4-Bromofluorobenzene
 Concen: 47.782 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX016964.D
 Acq: 25 Jun 2020 20:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.8	0.0	149.6
176	74.1	0.0	148.2





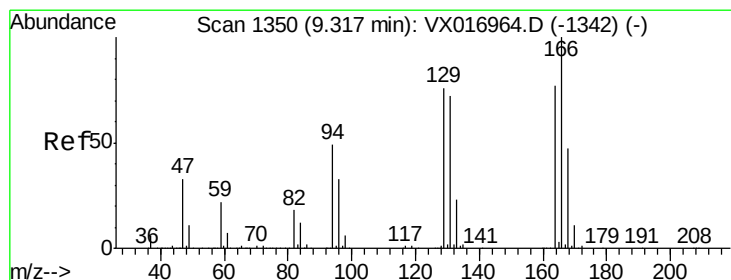
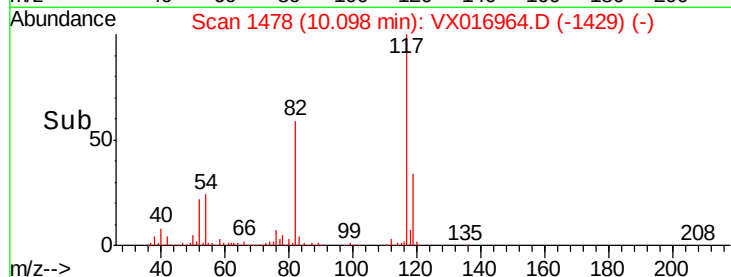
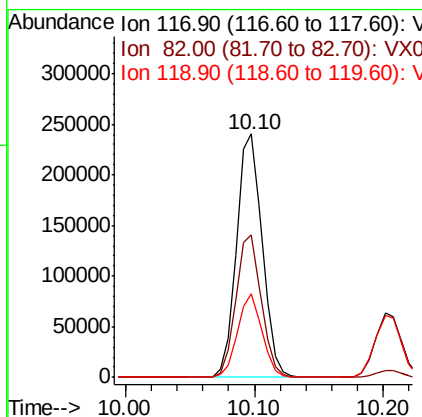
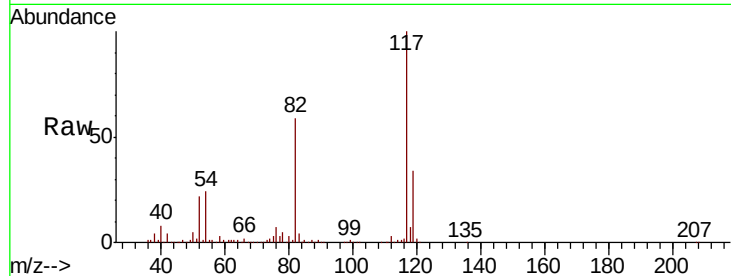
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.5	46.8	70.2
119	34.1	27.3	40.9

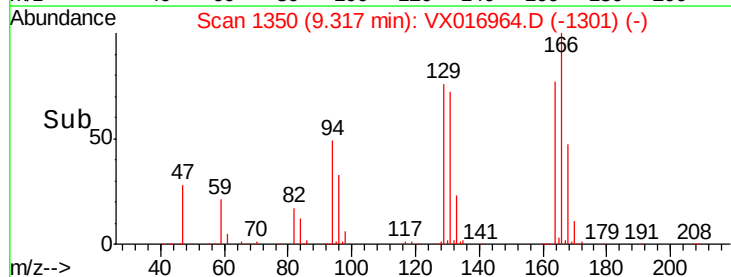
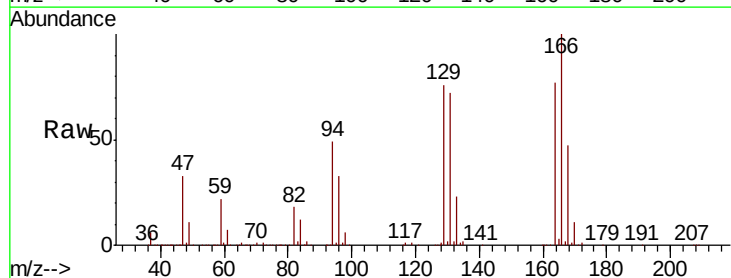
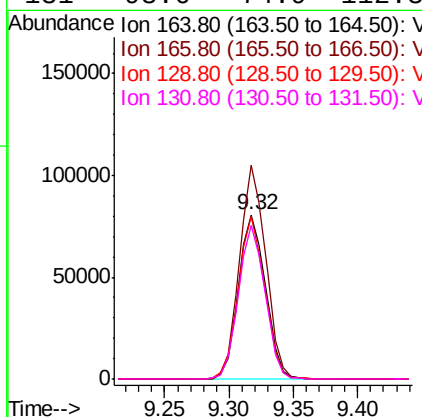
Manual Integrations
APPROVED

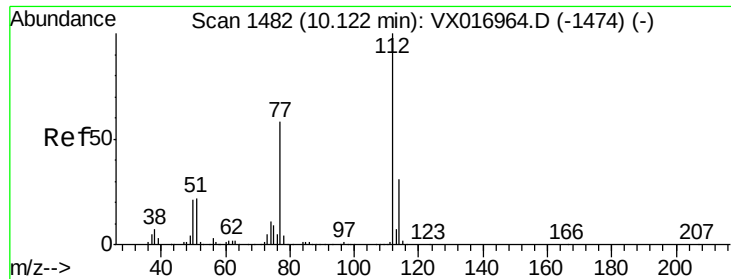
MMDadoda
6/29/2020 12:32:23 PM



#64
Tetrachloroethene
Concen: 37.289 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.3	104.2	156.4
129	99.1	79.3	118.9
131	93.6	74.9	112.3





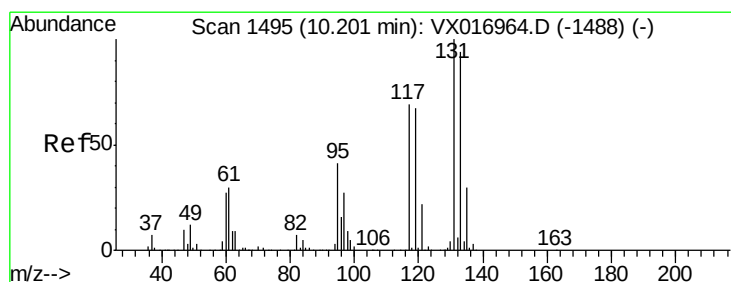
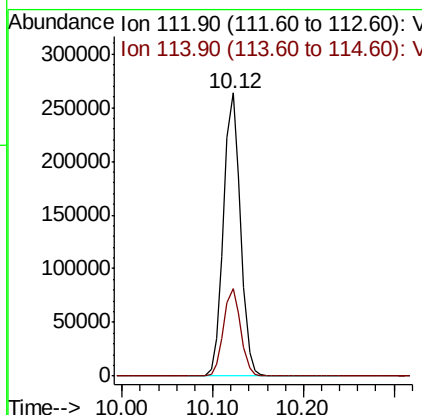
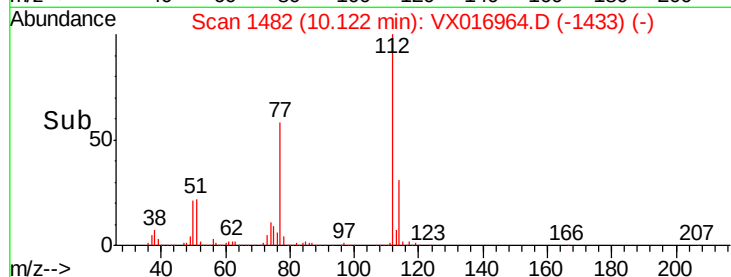
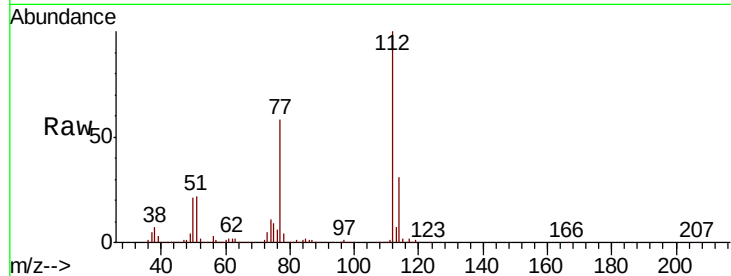
#65
Chlorobenzene
Concen: 52.015 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.0	24.8	37.2

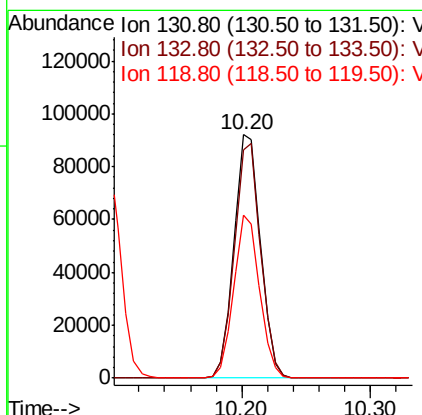
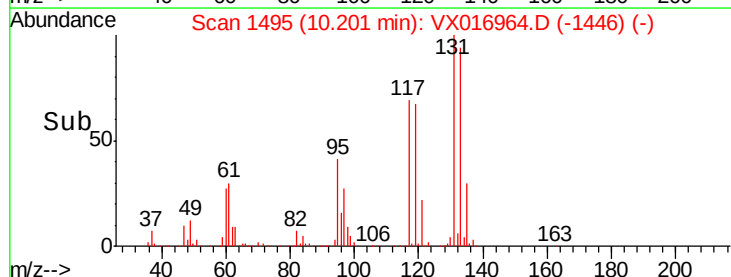
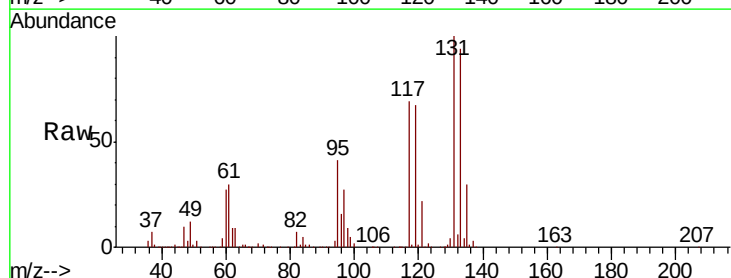
Manual Integrations
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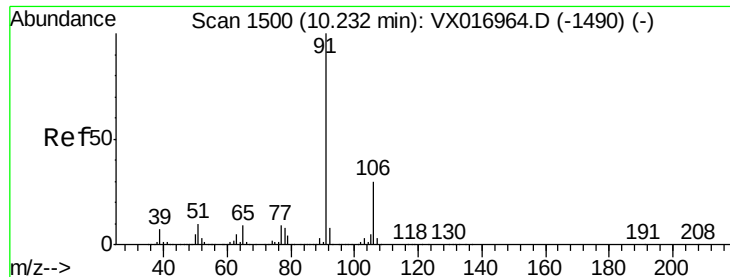
MMDadoda
6/29/2020 12:32:23 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 55.719 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	48.0	144.0
119	65.6	32.8	98.4





#67

Ethyl Benzene

Concen: 51.759 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 630880

Ion Ratio Lower Upper

91 100

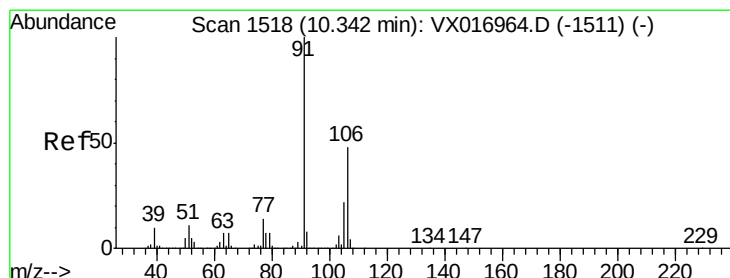
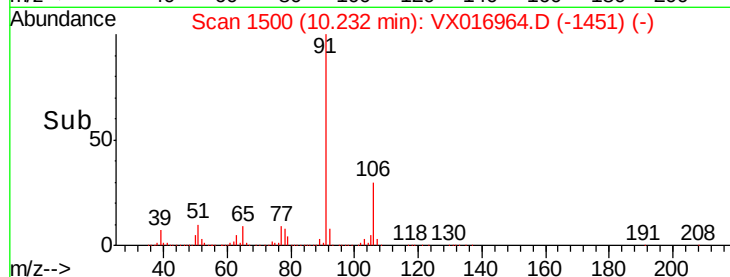
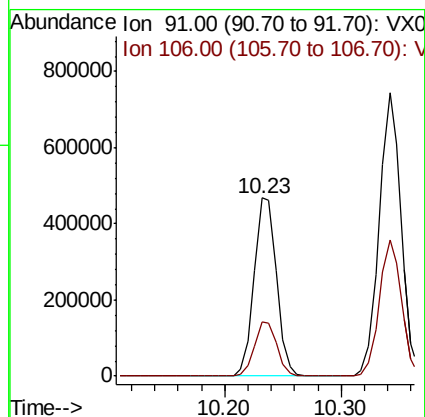
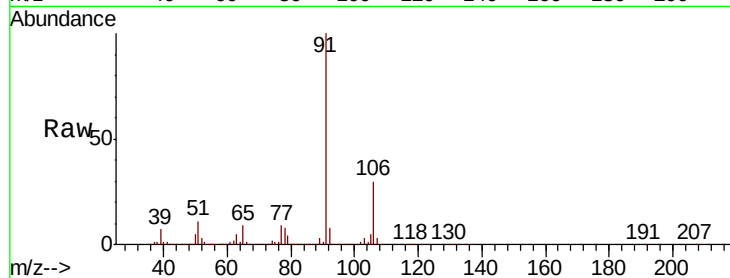
106 30.1 24.1 36.1

Manual Integrations

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MMDadoda

6/29/2020 12:32:23 PM



#68

m/p-Xylenes

Concen: 105.861 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016964.D

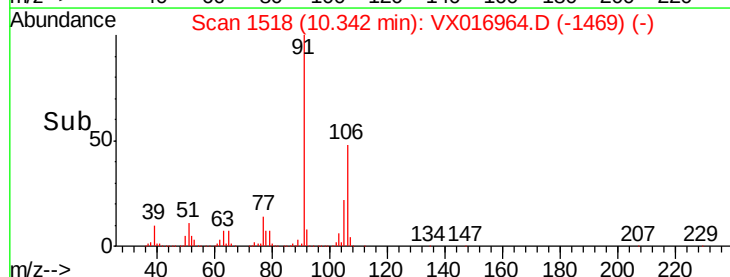
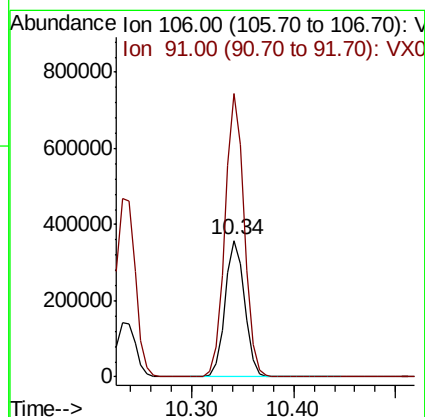
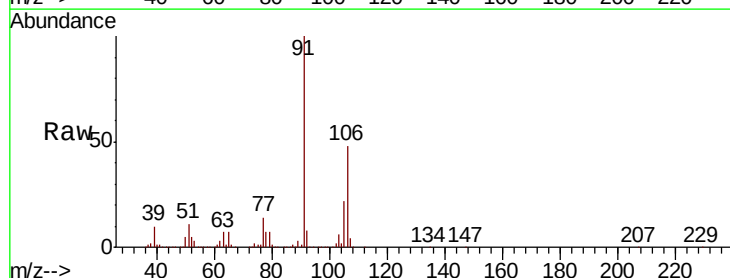
Acq: 25 Jun 2020 20:00

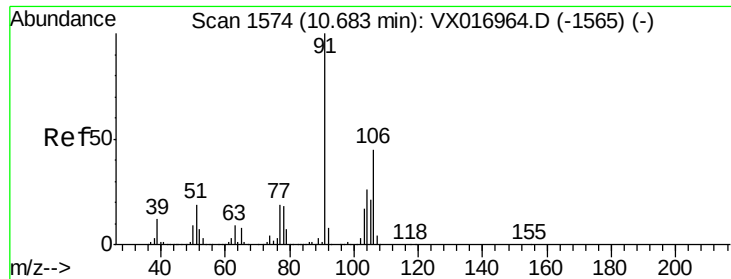
Tgt Ion: 106 Resp: 473990

Ion Ratio Lower Upper

106 100

91 205.1 164.1 246.1





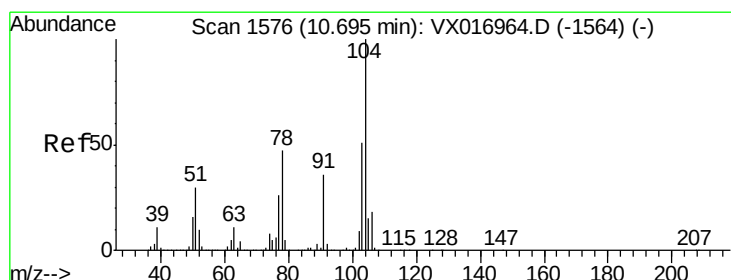
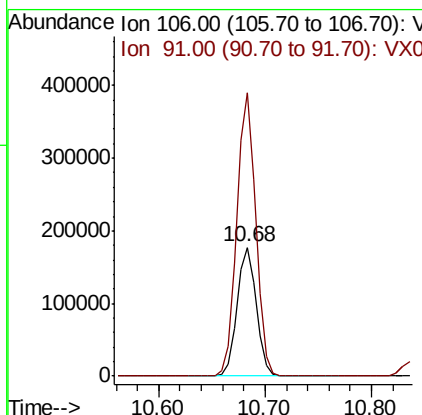
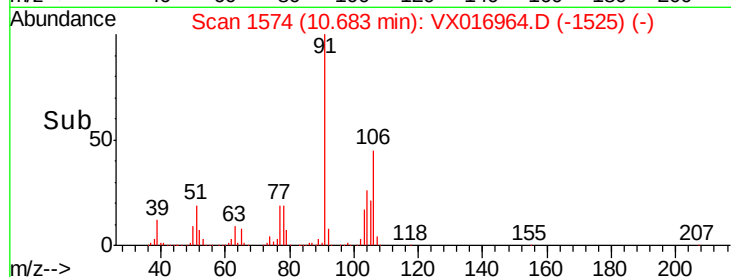
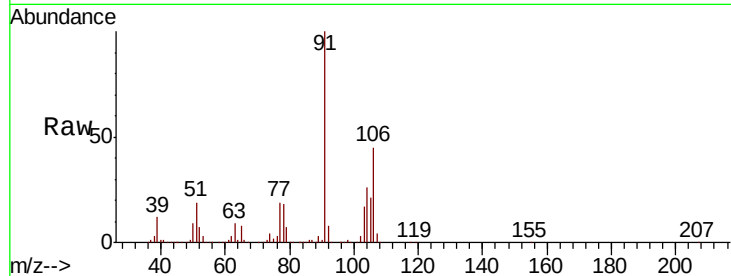
#69
o-Xylene
Concen: 51.543 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	218.1	109.1	327.2

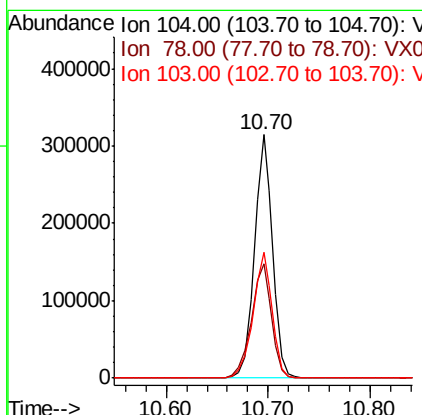
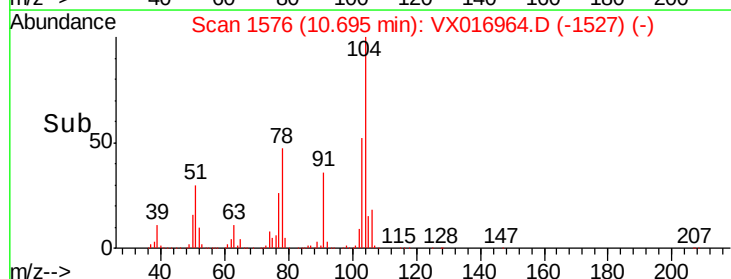
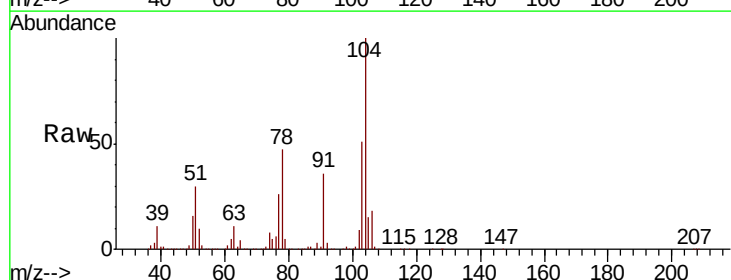
Manual Integrations
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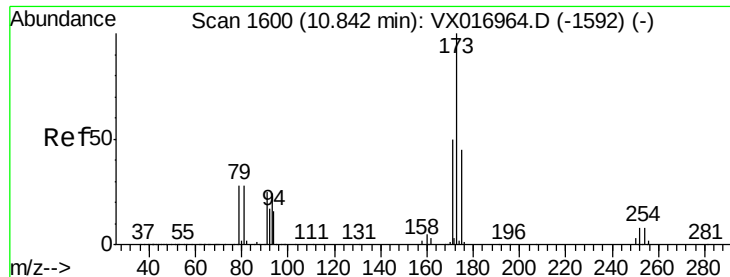
MMDadoda
6/29/2020 12:32:23 PM



#70
Styrene
Concen: 52.186 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.4	41.9	62.9
103	54.9	43.9	65.9





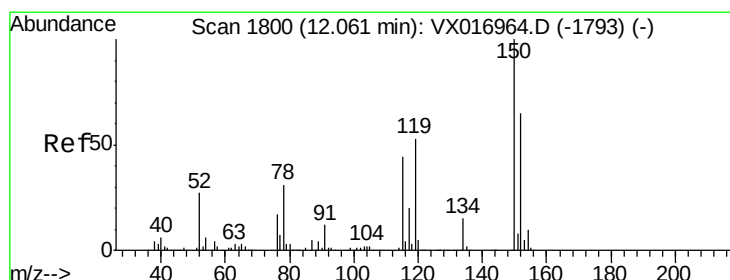
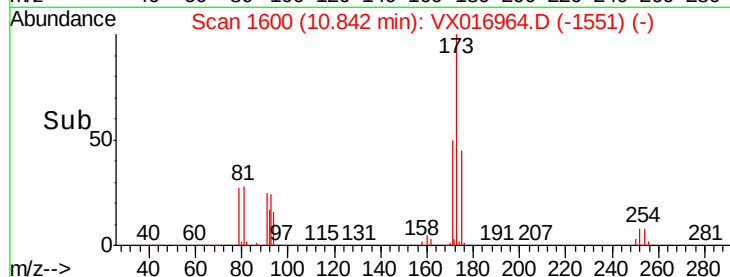
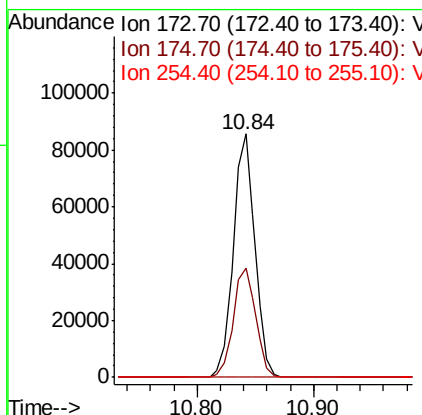
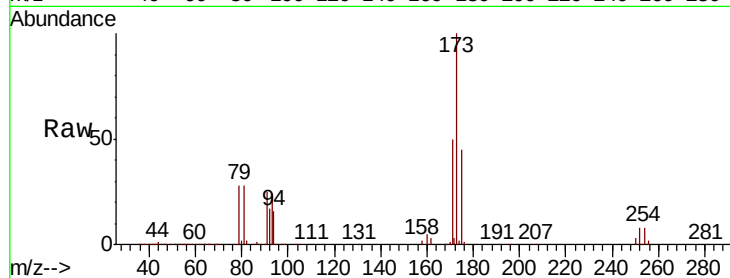
#71
Bromoform
Concen: 66.351 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.8	23.4	70.2
254	0.0	0.0	0.0#

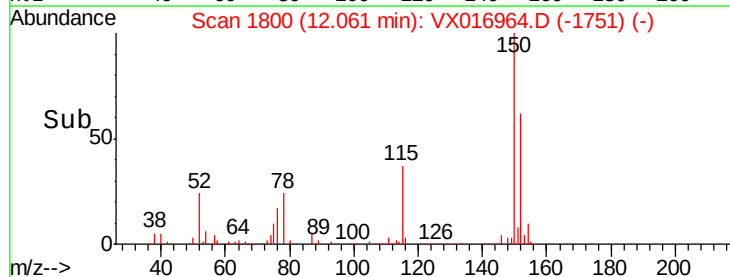
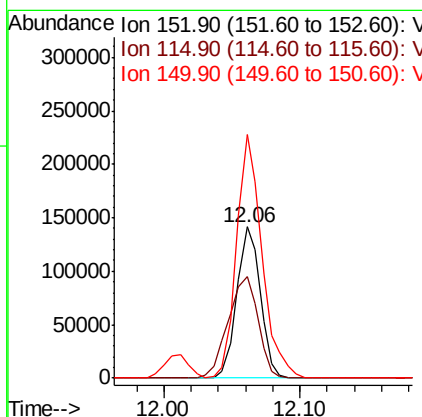
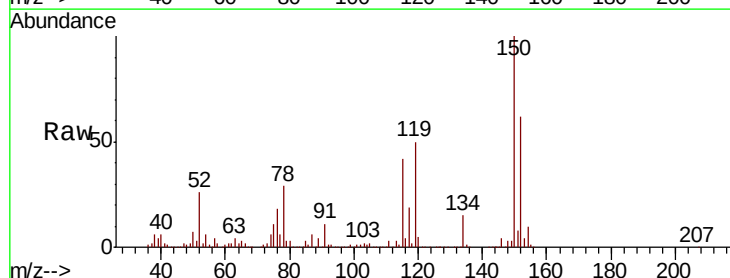
Manual Integrations
APPROVED

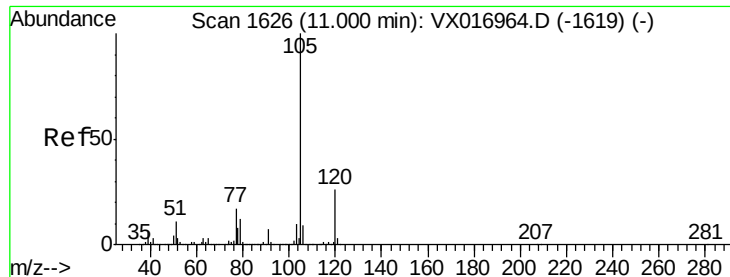
MMDadoda
6/29/2020 12:32:23 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	85.6	42.8	128.4
150	173.9	0.0	347.8





#73

Isopropylbenzene

Concen: 48.899 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 105 Resp: 610559

Ion Ratio Lower Upper

105 100

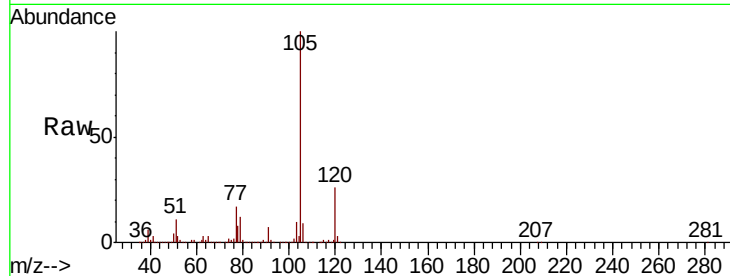
120 26.1 13.1 39.1

Manual Integrations

APPROVED

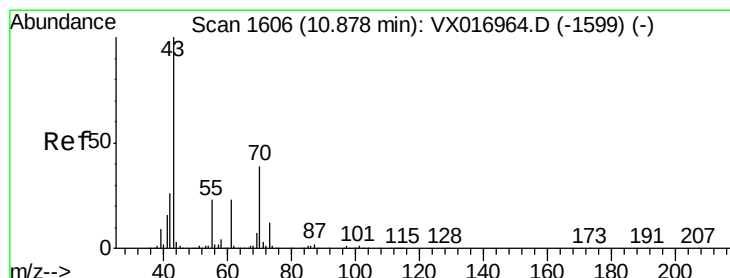
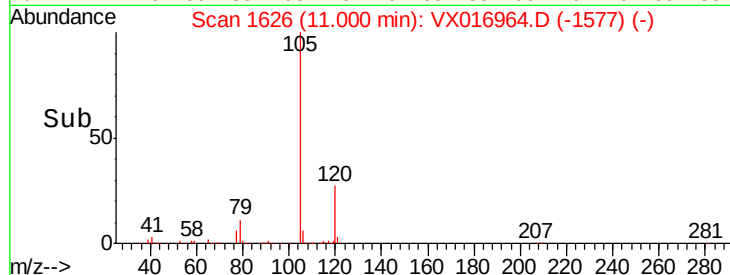
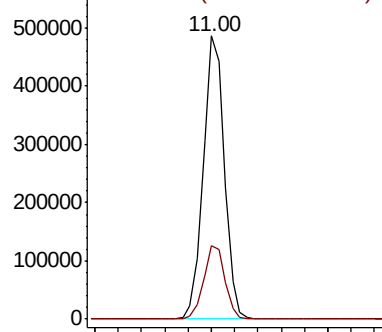
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.641 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Tgt Ion: 43 Resp: 295999

Ion Ratio Lower Upper

43 100

70 40.1 32.1 48.1

55 23.3 18.6 28.0

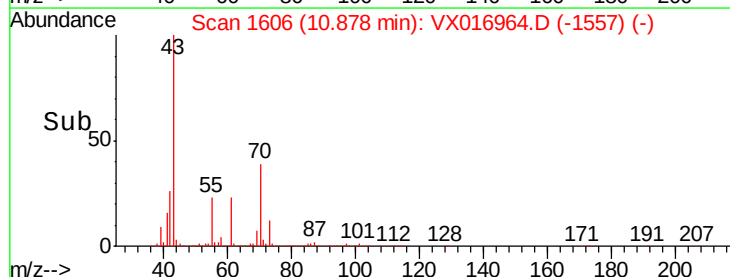
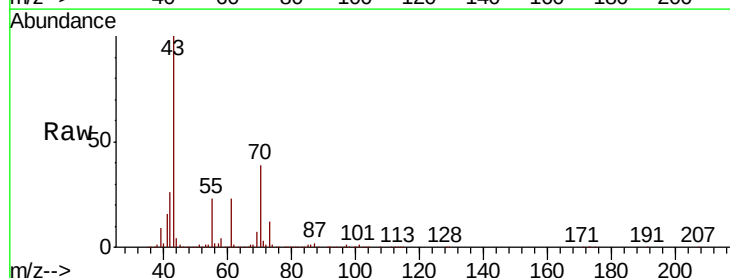
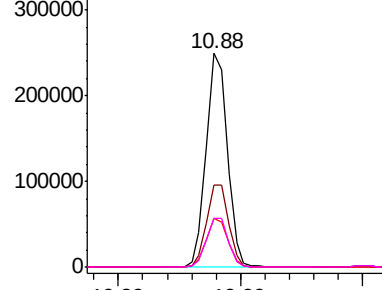
61 23.5 18.8 28.2

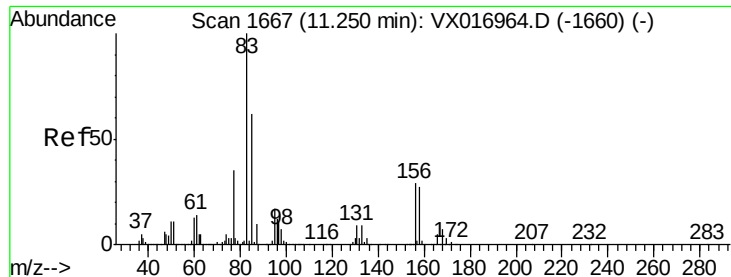
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 65.013 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Instrument :

MSVOA_X

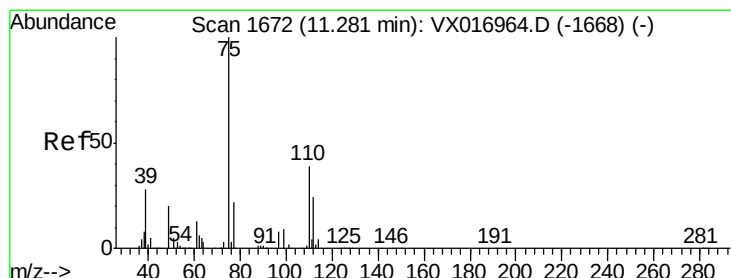
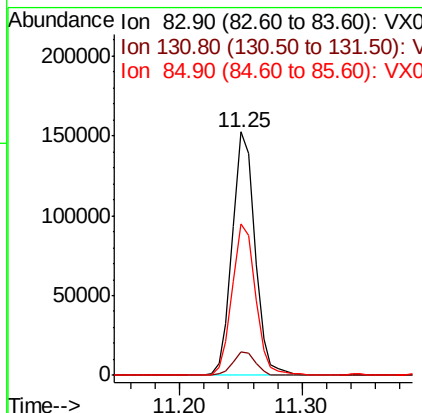
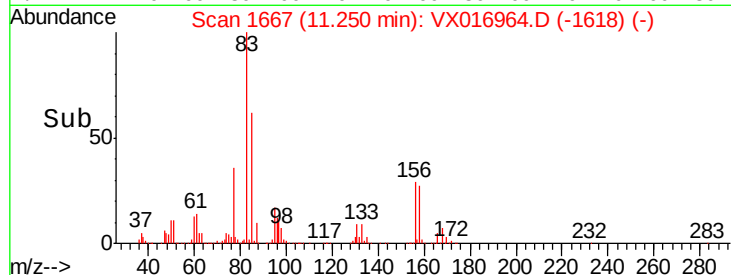
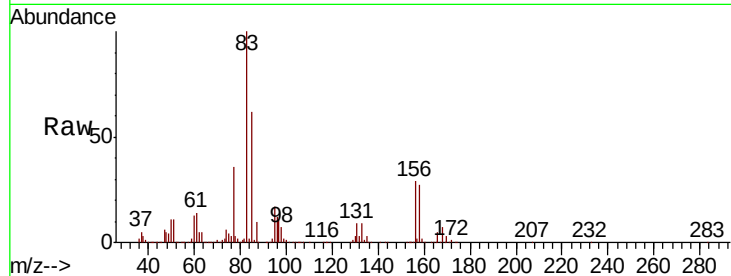
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	195384
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.9	14.7
85	64.1	32.0	96.2

Manual Integrations
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6/29/2020 12:32:23 PM



#76

1,2,3-Trichloropropane

Concen: 51.786 ug/l m

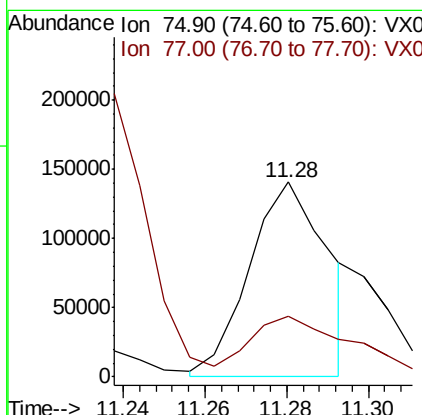
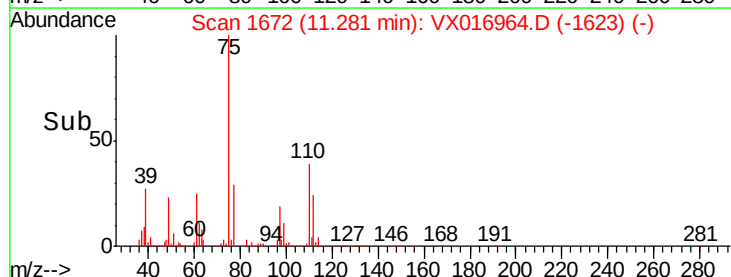
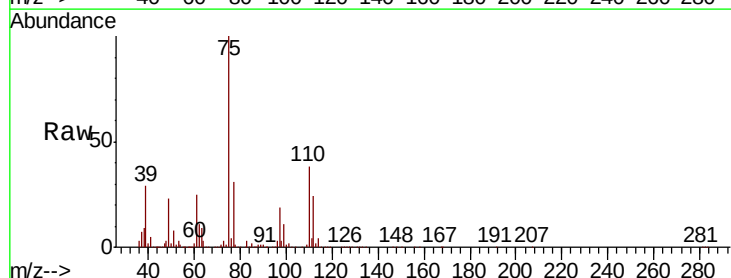
RT: 11.28 min Scan# 1672

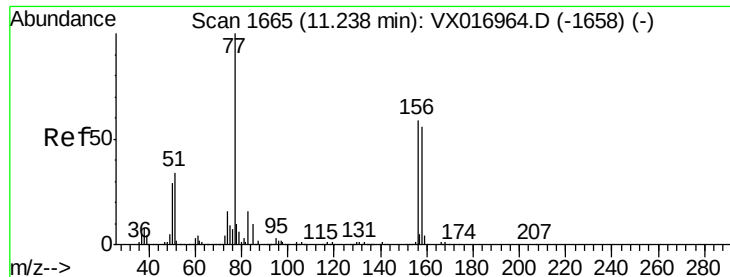
Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Tgt Ion:	75	Resp:	188542
Ion Ratio	Lower	Upper	
75	100		
77	40.7	20.3	61.0





#77

Bromobenzene

Concen: 51.799 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Instrument :

MSVOA_X

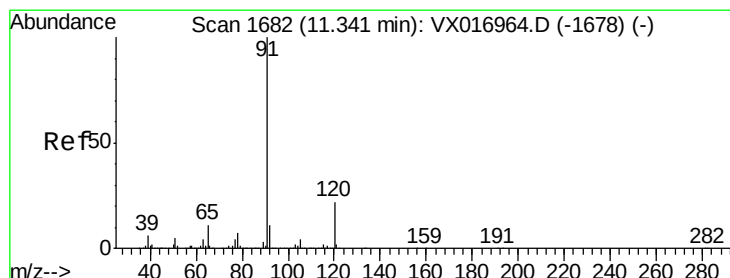
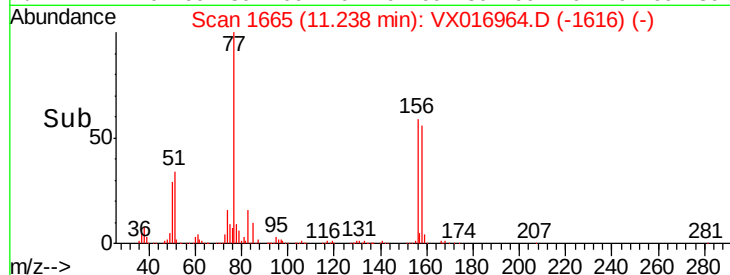
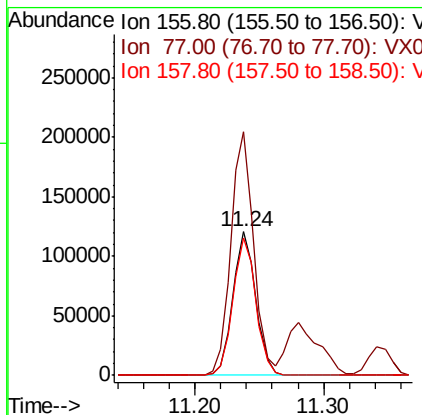
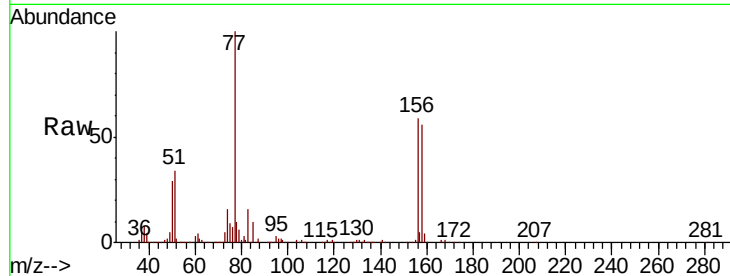
ClientSampleId :

VSTDICCC050

Tot Ion:	156	Resp:	149334
Ion Ratio	Lower	Upper	
156	100		
77	170.4	85.2	255.6
158	96.6	48.3	144.9

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#78

n-propylbenzene

Concen: 48.778 ug/l

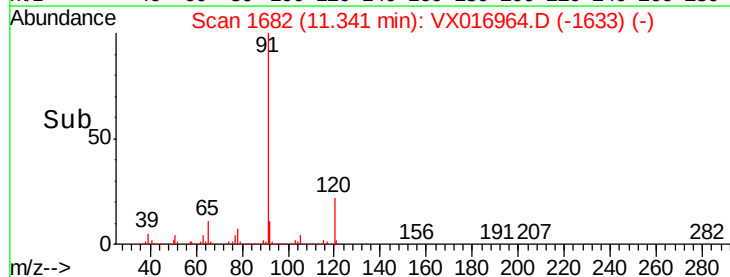
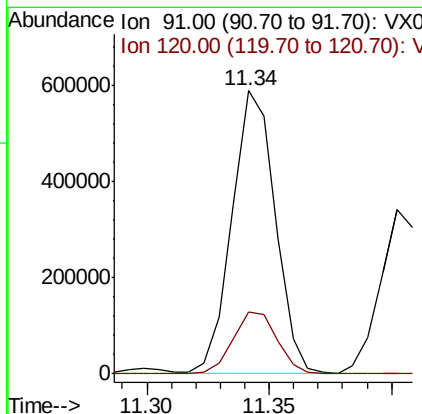
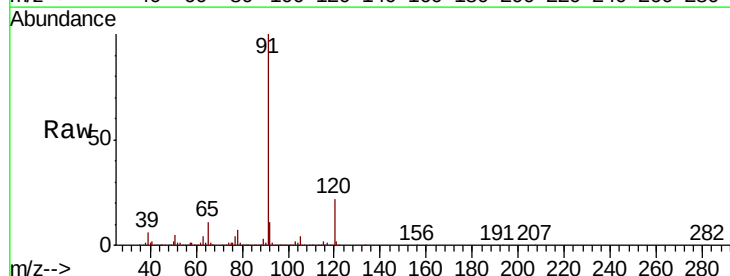
RT: 11.34 min Scan# 1682

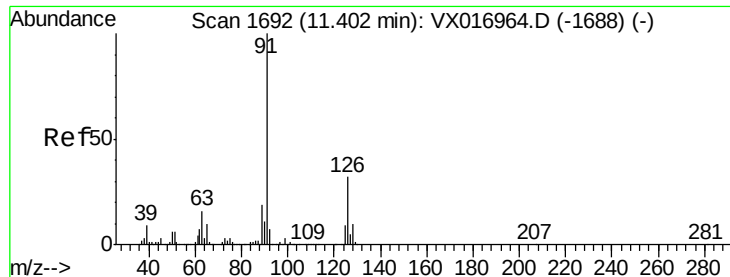
Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Tgt Ion:	91	Resp:	720050
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.3	33.8





#79

2-Chlorotoluene

Concen: 48.786 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 424262

Ion Ratio Lower Upper

91 100

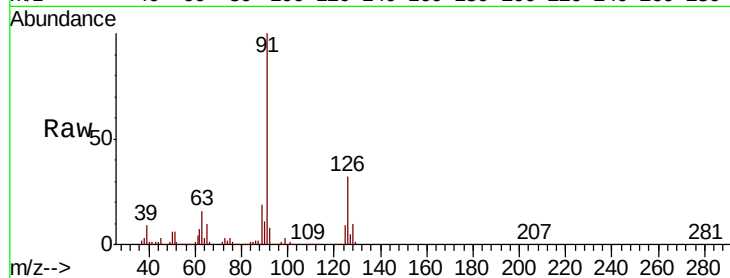
126 33.2 16.6 49.8

Manual Integrations

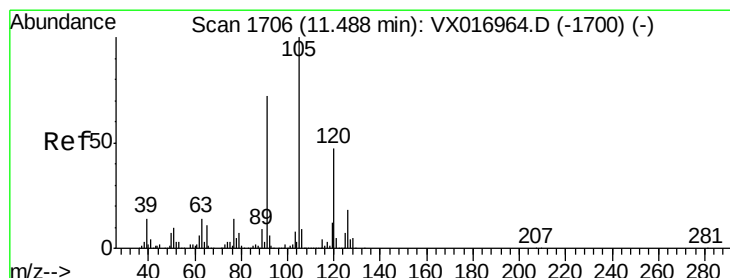
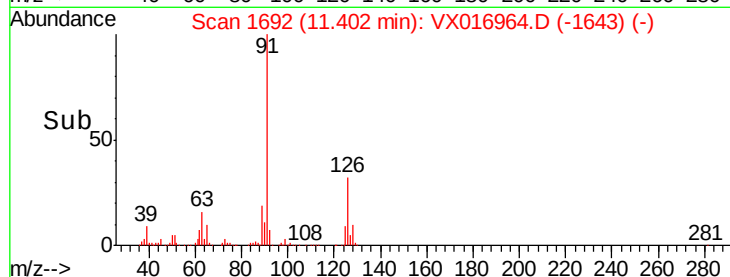
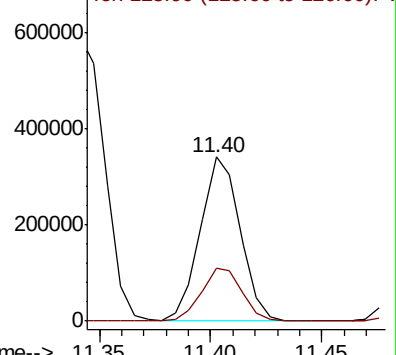
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Abundance Ion 91.00 (90.70 to 91.70): VX016964.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.382 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX016964.D

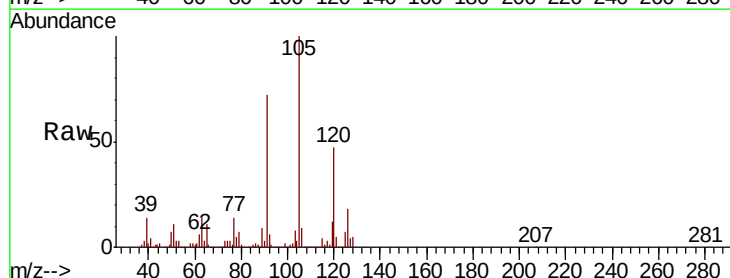
Acq: 25 Jun 2020 20:00

Tgt Ion: 105 Resp: 512682

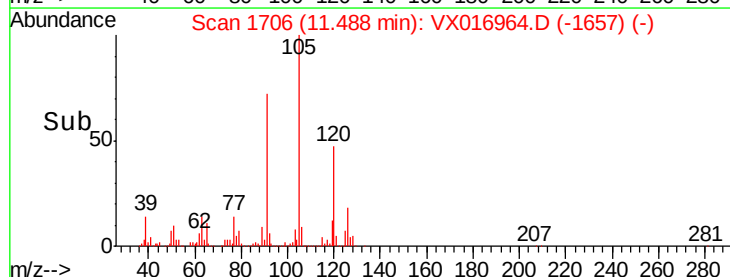
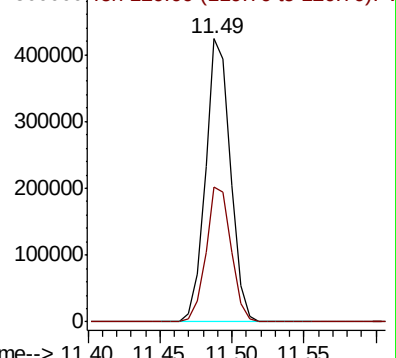
Ion Ratio Lower Upper

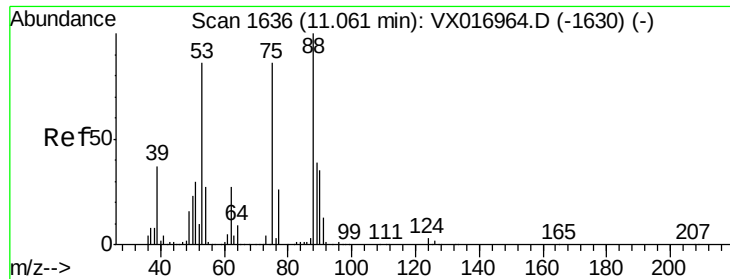
105 100

120 48.4 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VX016964.D (-1700) (-)





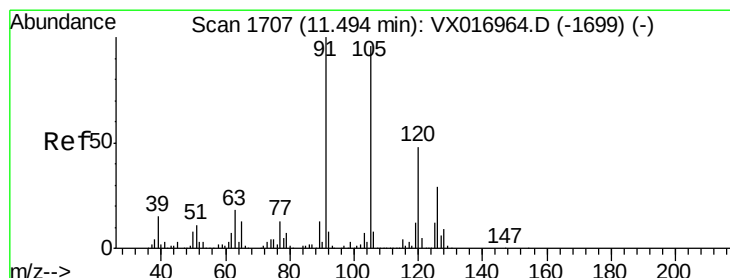
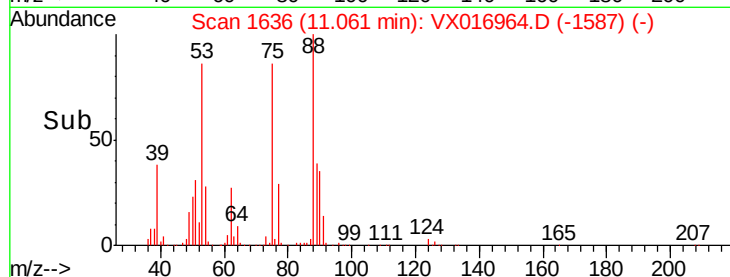
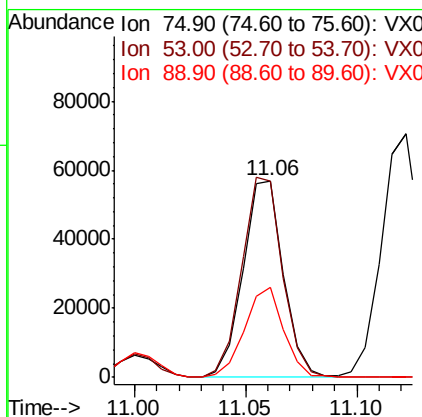
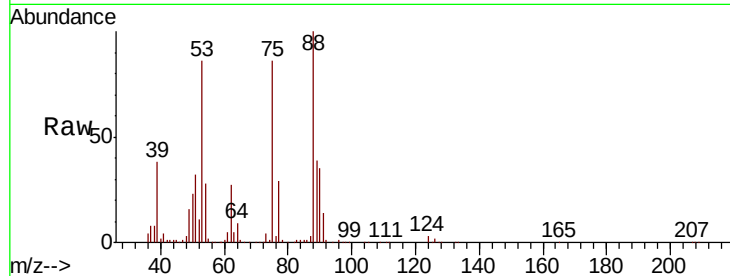
#81
trans-1,4-Dichloro-2-butene
Concen: 45.492 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.4	81.9	122.9
89	44.4	35.5	53.3

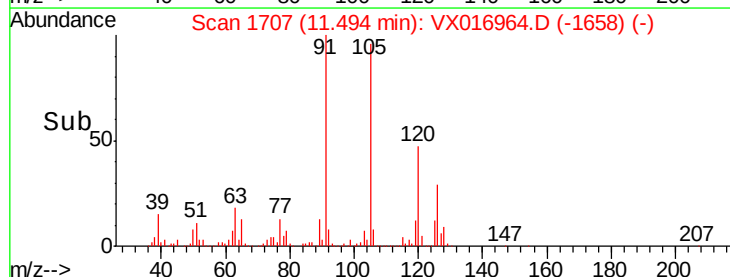
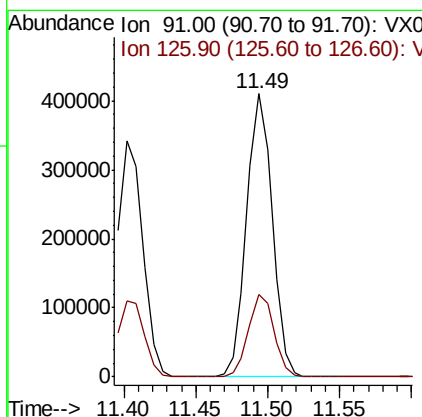
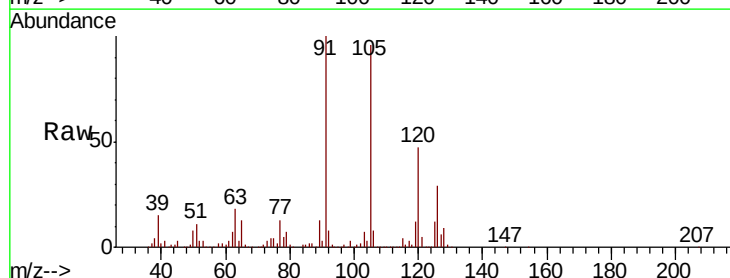
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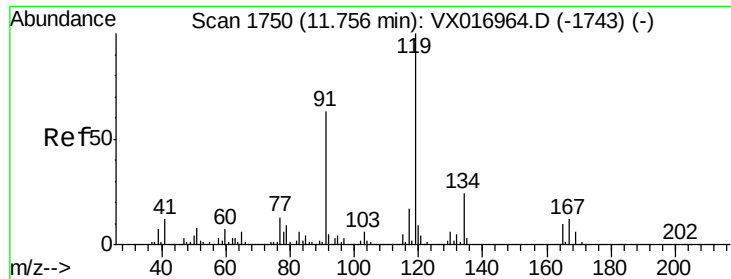
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#82
4-Chlorotoluene
Concen: 48.671 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.3	14.6	44.0





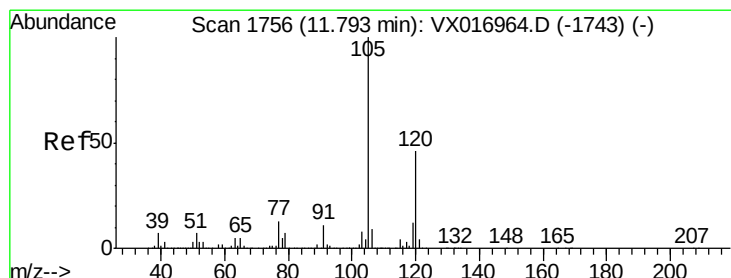
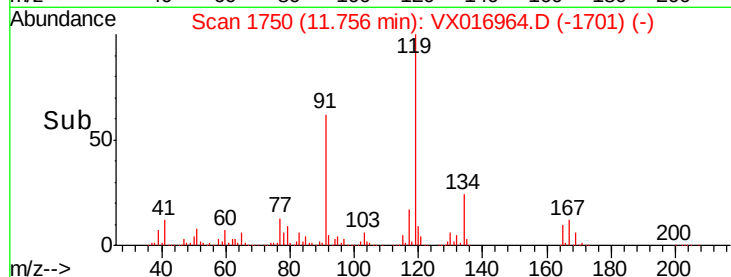
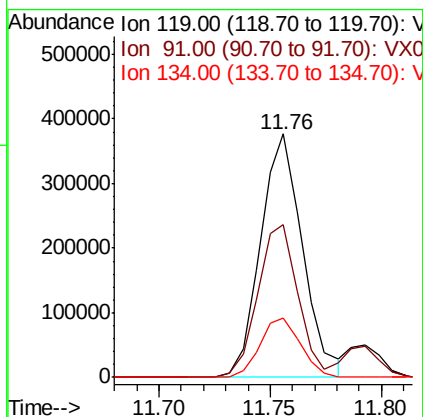
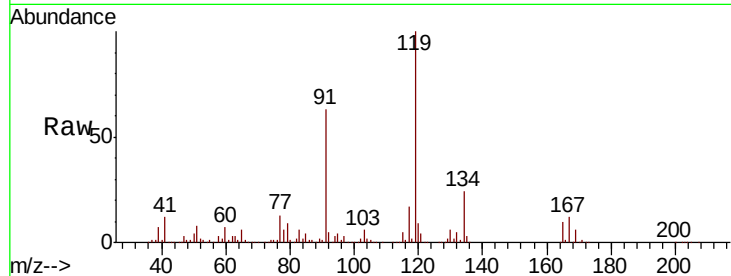
#83
tert-Butylbenzene
Concen: 53.986 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	493871		
91	60.0		30.0	90.0
134	23.5		11.8	35.3

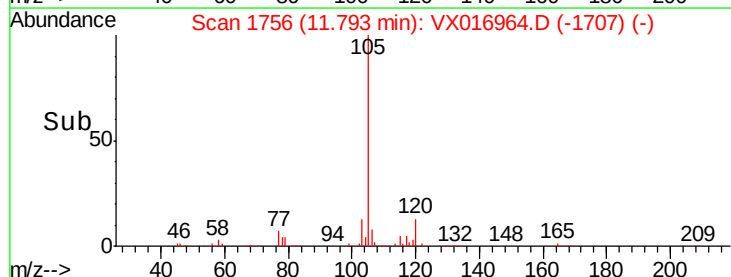
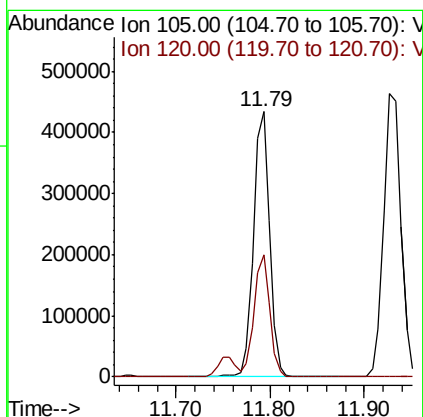
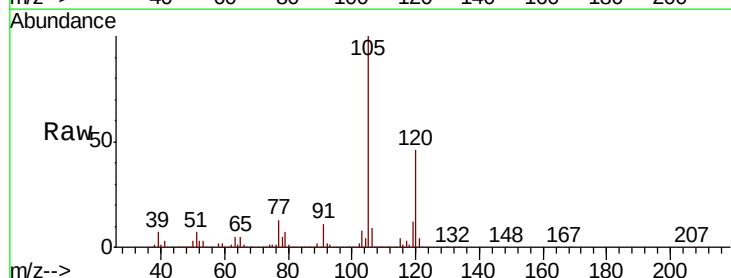
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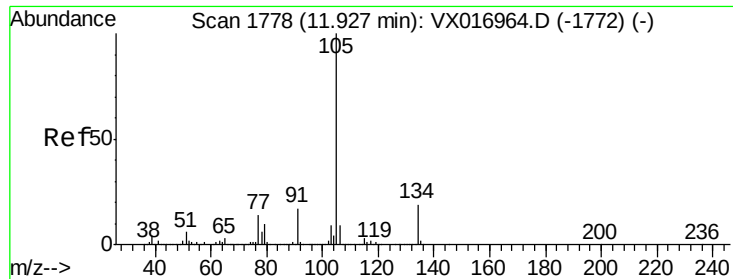
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6/29/2020 12:32:23 PM



#84
1,2,4-Trimethylbenzene
Concen: 48.210 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	524783		
120	44.9		22.4	67.3





#85

sec-Butylbenzene

Concen: 48.508 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 592185

Ion Ratio Lower Upper

105 100

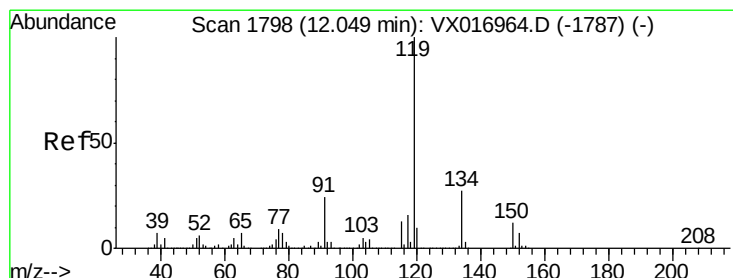
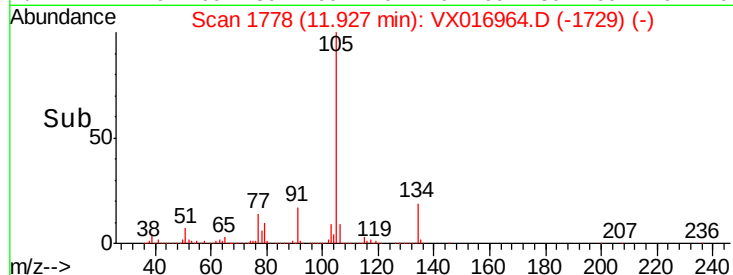
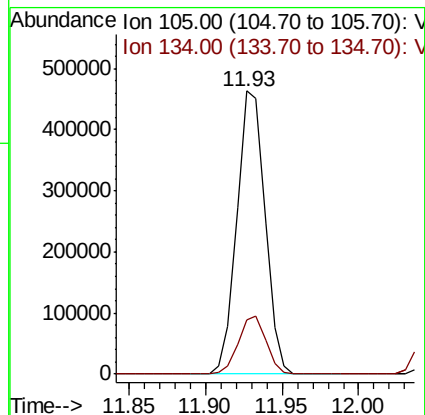
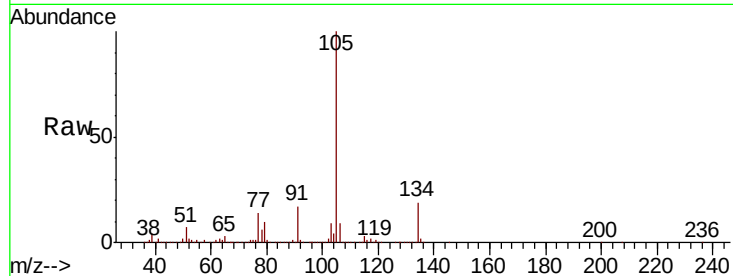
134 20.1 10.1 30.1

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6/29/2020 12:32:23 PM



#86

p-Isopropyltoluene

Concen: 48.237 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016964.D

Acq: 25 Jun 2020 20:00

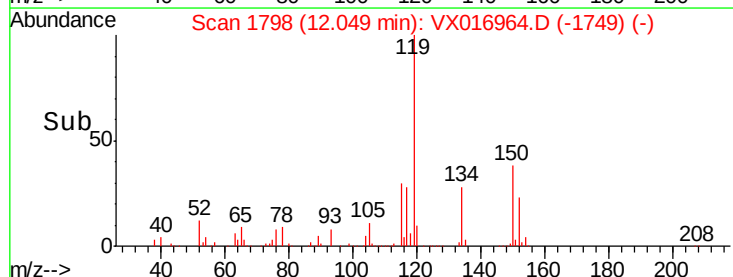
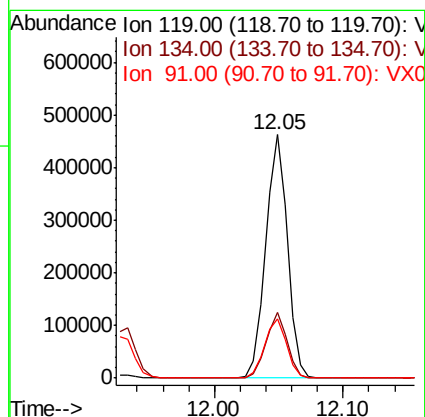
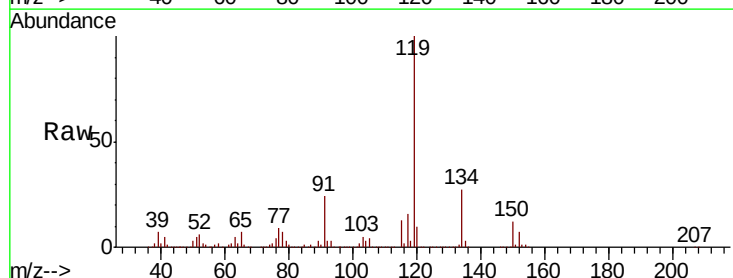
Tgt Ion:119 Resp: 537616

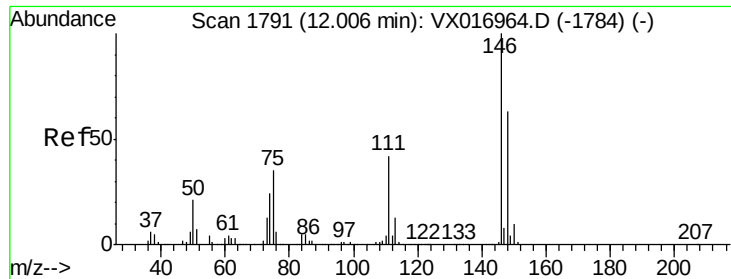
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 24.9 12.4 37.4





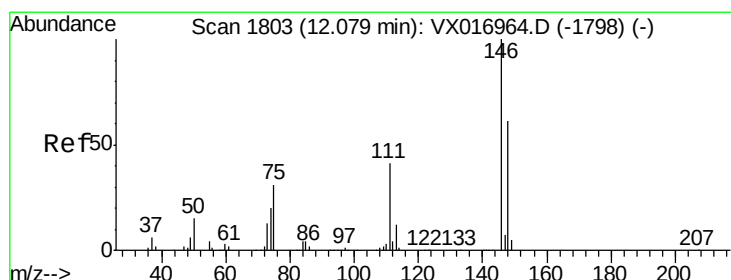
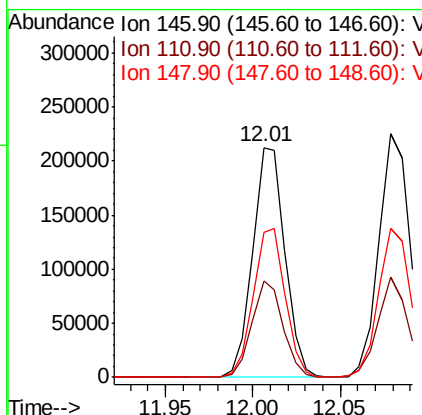
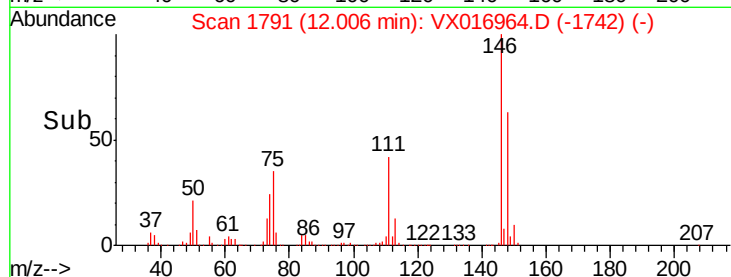
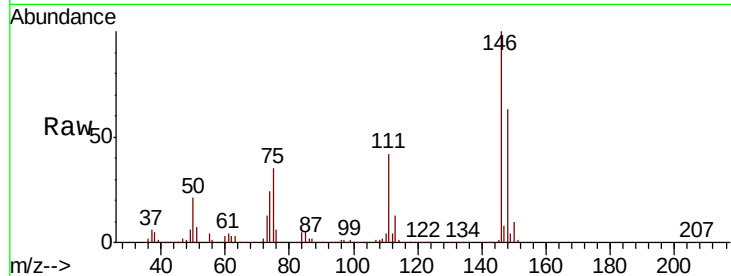
#87
 1,3-Dichlorobenzene
 Concen: 51.331 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX016964.D
 Acq: 25 Jun 2020 20:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	60.9
148	64.2	32.1	96.3

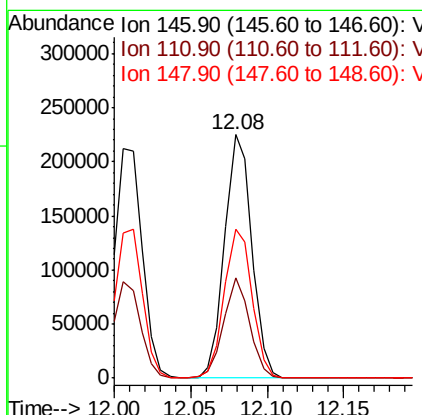
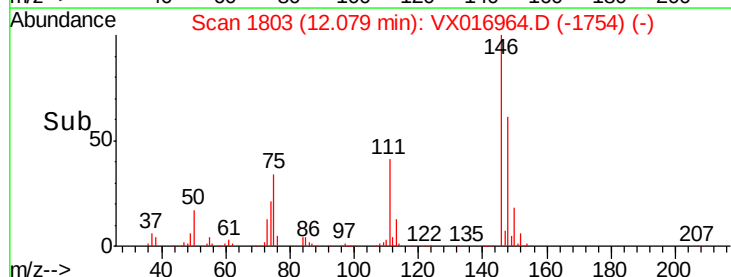
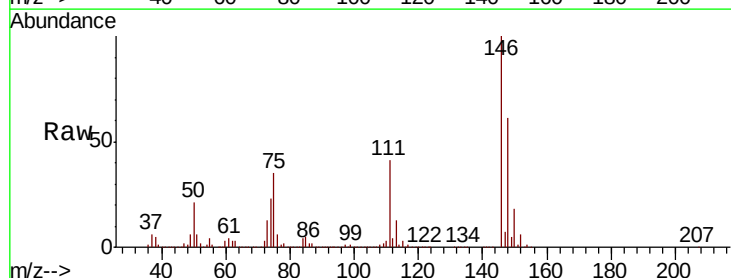
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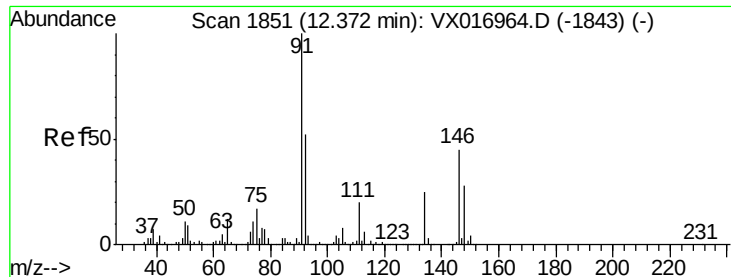
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#88
 1,4-Dichlorobenzene
 Concen: 50.811 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016964.D
 Acq: 25 Jun 2020 20:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.9	59.7
148	62.6	31.3	93.9





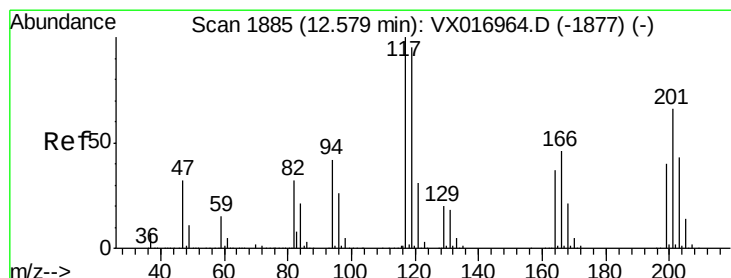
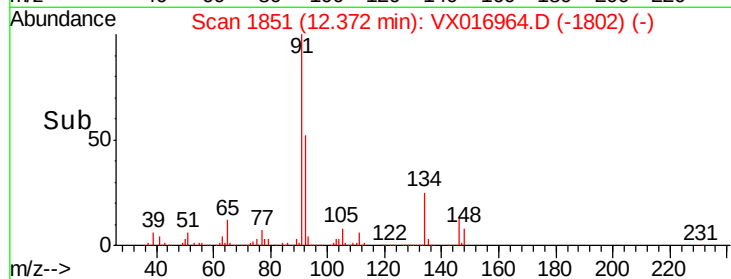
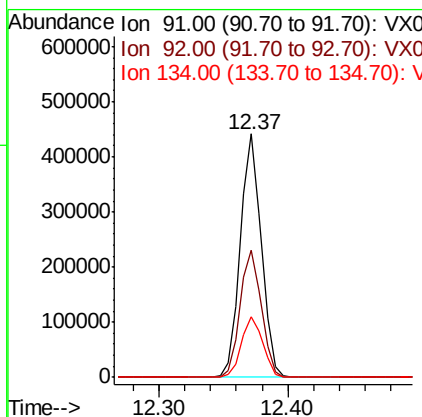
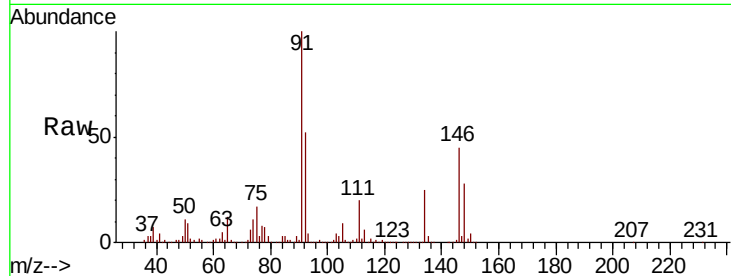
#89
n-Butylbenzene
Concen: 47.655 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.6	79.7
134	25.2	12.6	37.8

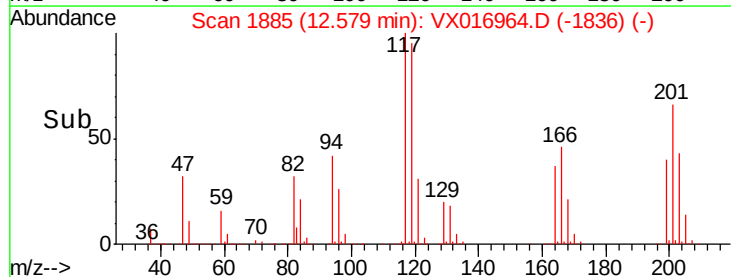
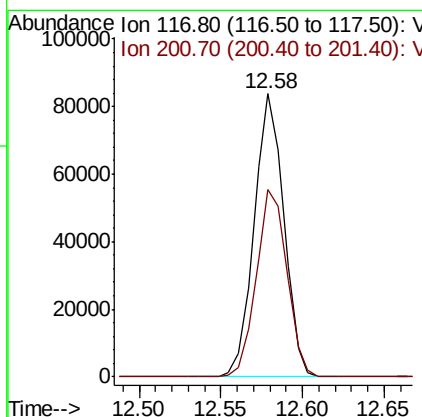
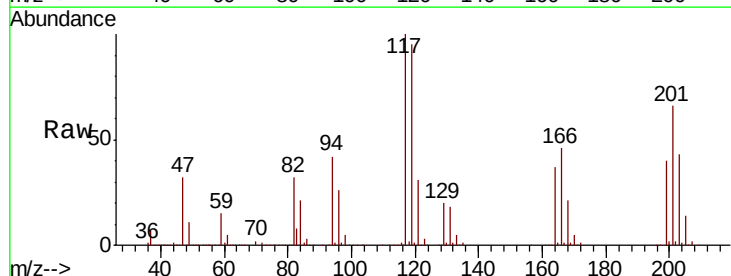
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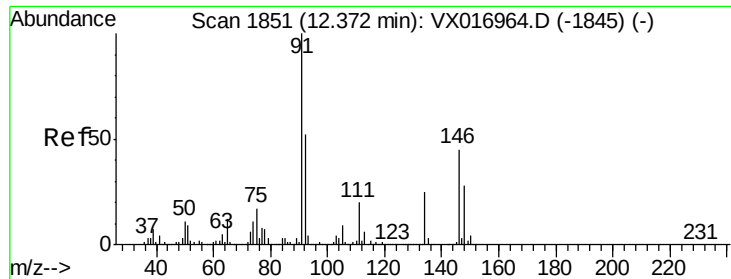
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#90
Hexachloroethane
Concen: 58.736 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.0	34.0	102.0





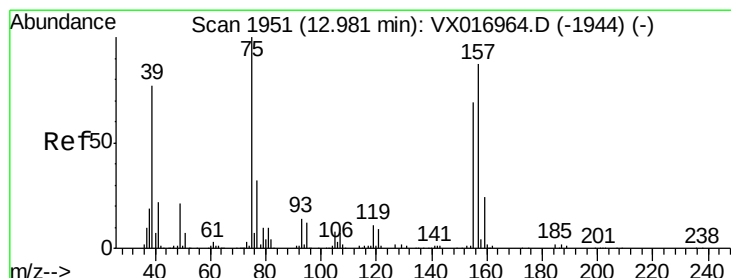
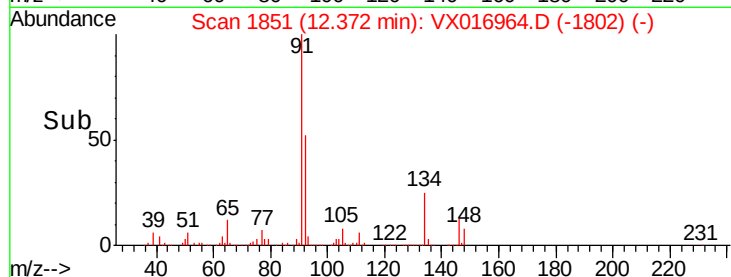
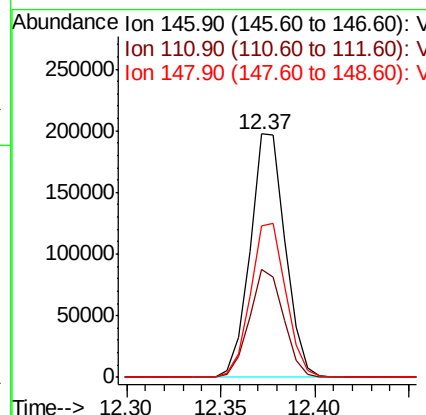
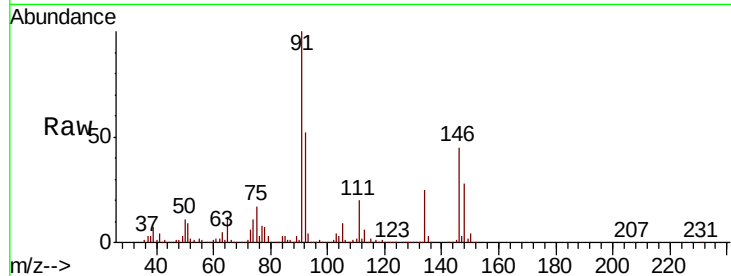
#91
 1,2-Dichlorobenzene
 Concen: 50.023 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX016964.D
 Acq: 25 Jun 2020 20:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	254579		
111	43.1	21.6	64.6	
148	63.8	31.9	95.7	

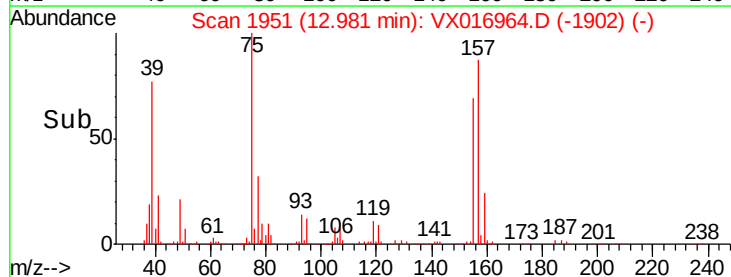
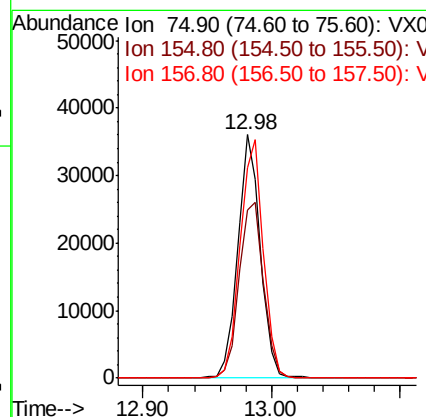
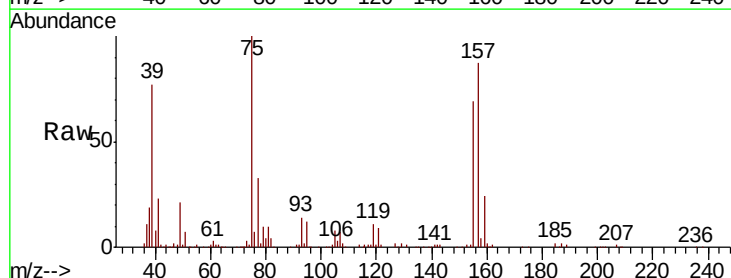
Manual Integrations
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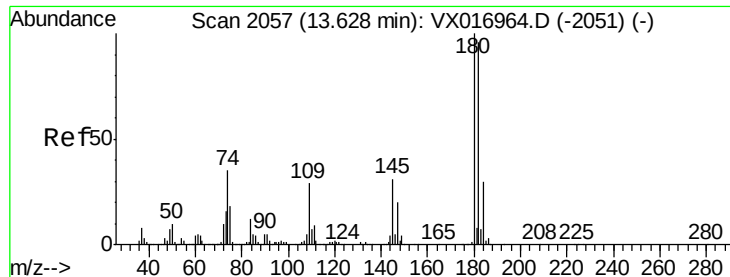
MMDadoda
 6/29/2020 12:32:23 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.615 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016964.D
 Acq: 25 Jun 2020 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	44032		
155	78.0	39.0	117.0	
157	100.1	50.0	150.1	





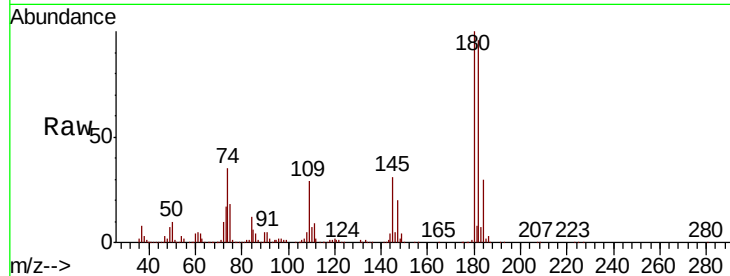
#93
 1,2,4-Trichlorobenzene
 Concen: 51.130 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016964.D
 Acq: 25 Jun 2020 20:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	168842		
182	92.7	46.4	139.1	
145	31.0	15.5	46.5	

Manual Integrations
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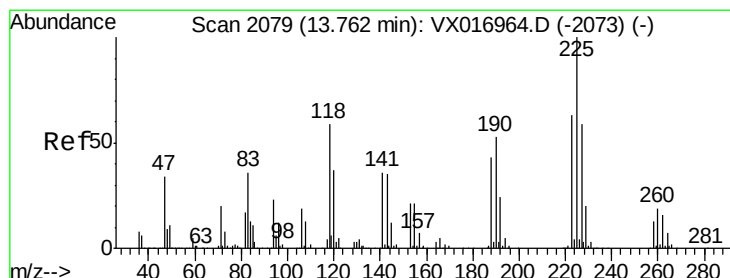
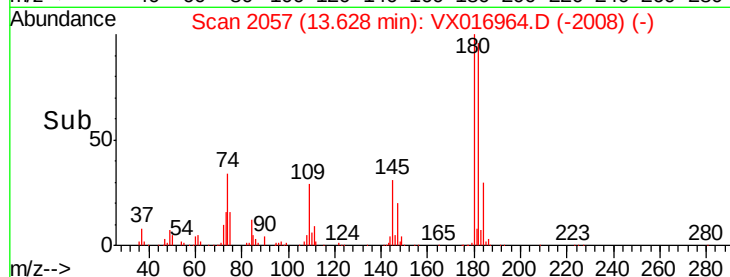
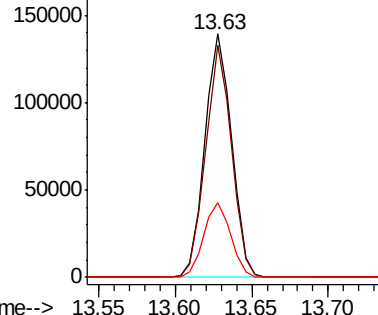


Abundance

Ion 179.80 (179.50 to 180.50): V

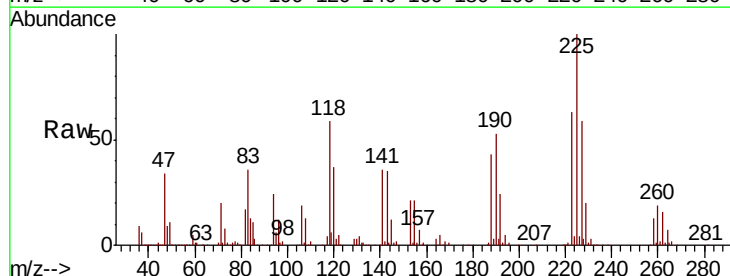
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 51.594 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX016964.D
 Acq: 25 Jun 2020 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	60180		
223	62.1	31.1	93.2	
227	60.6	30.3	90.9	

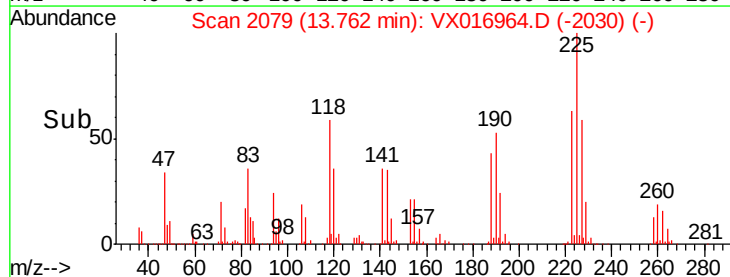
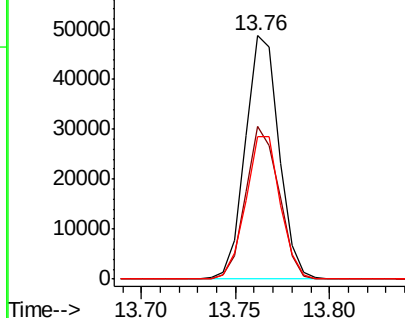


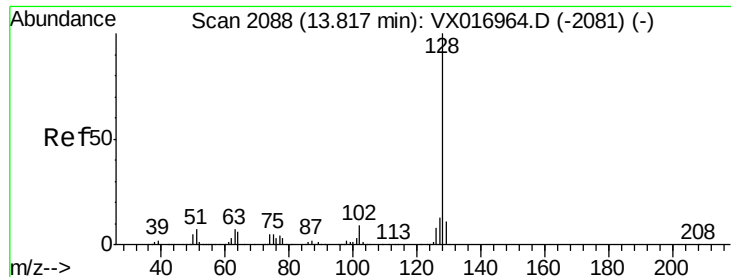
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





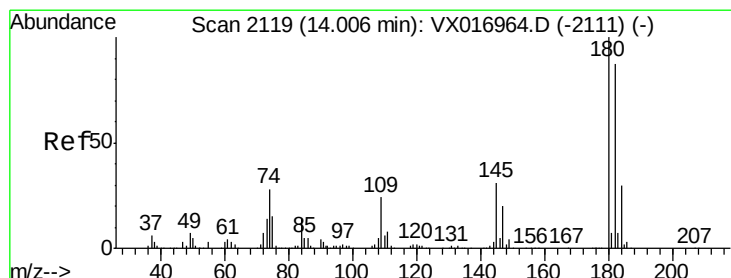
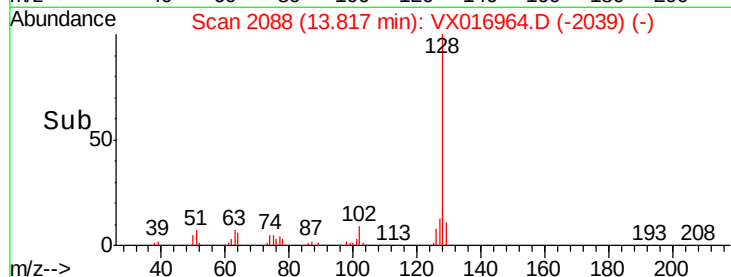
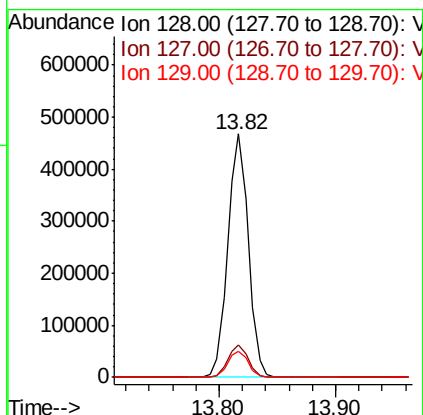
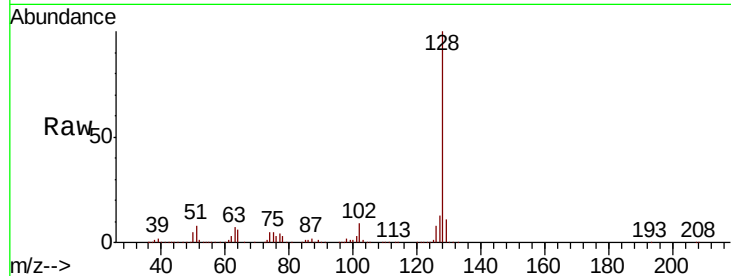
#95
Naphthalene
Concen: 48.222 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
6/29/2020 12:32:23 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.168 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VX016964.D
Acq: 25 Jun 2020 20:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.8	143.3
145	33.7	16.9	50.6

