

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016972.D
 Acq On : 26 Jun 2020 10:56
 Operator : JC/SP
 Sample : VX0626WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:32:39 PM

Quant Time: Jun 27 03:31:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:34:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	215335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	356797	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	323642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	162292	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	164121	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
35) Dibromofluoromethane	5.46	113	119345	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
50) Toluene-d8	8.70	98	441738	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
62) 4-Bromofluorobenzene	11.12	95	162287	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	36594	17.831	ug/l	100
3) Chloromethane	1.31	50	51497	19.520	ug/l	98
4) Vinyl Chloride	1.39	62	48764	18.047	ug/l	96
5) Bromomethane	1.63	94	33667	14.658	ug/l	99
6) Chloroethane	1.72	64	31815	17.349	ug/l	98
7) Trichlorofluoromethane	1.92	101	83207	18.877	ug/l	99
8) Diethyl Ether	2.17	74	30484	17.954	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	45400	19.243	ug/l	100
10) Methyl Iodide	2.49	142	54846	20.289	ug/l	97
11) Tert butyl alcohol	3.01	59	56790	92.505	ug/l	97
12) 1,1-Dichloroethene	2.36	96	43202	18.100	ug/l	97
13) Acrolein	2.27	56	44604	98.026	ug/l	99
14) Allyl chloride	2.70	41	84446	19.002	ug/l	98
15) Acrylonitrile	3.11	53	130600	91.625	ug/l	99
16) Acetone	2.42	43	115660	90.991	ug/l	99
17) Carbon Disulfide	2.55	76	136970	18.098	ug/l	100
18) Methyl Acetate	2.75	43	55721	18.019	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	160116	19.193	ug/l	98
20) Methylene Chloride	2.83	84	52030	18.006	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	47696	17.687	ug/l	98
22) Diisopropyl ether	3.82	45	164281	18.855	ug/l	93
23) Vinyl Acetate	3.78	43	729649	95.690	ug/l	100
24) 1,1-Dichloroethane	3.67	63	89280	18.268	ug/l	99
25) 2-Butanone	4.63	43	176804	91.263	ug/l	100
26) 2,2-Dichloropropane	4.55	77	79010	19.985	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	53000	17.785	ug/l	98
28) Bromochloromethane	4.97	49	40216	17.609	ug/l	100
29) Tetrahydrofuran	5.09	42	117607	92.345	ug/l	99
30) Chloroform	5.17	83	89962	18.328	ug/l	99
31) Cyclohexane	5.54	56	78849	19.313	ug/l	92
32) 1,1,1-Trichloroethane	5.46	97	81856	18.615	ug/l	100
36) 1,1-Dichloropropene	5.77	75	65766	18.615	ug/l	99
37) Ethyl Acetate	4.79	43	71170	18.745	ug/l	99
38) Carbon Tetrachloride	5.75	117	72104	19.284	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
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Manual Integrations
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Quant Time: Jun 27 03:31:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:34:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	74752	19.553	ug/l	96
40) Benzene	6.11	78	192052	18.877	ug/l	100
41) Methacrylonitrile	5.01	41	39755	18.790	ug/l	98
42) 1,2-Dichloroethane	6.16	62	77097	19.287	ug/l	99
43) Isopropyl Acetate	6.41	43	119641	18.731	ug/l	100
44) Trichloroethene	7.18	130	51549	19.033	ug/l	94
45) 1,2-Dichloropropane	7.49	63	51283	18.855	ug/l	98
46) Dibromomethane	7.64	93	35464	19.193	ug/l	98
47) Bromodichloromethane	7.87	83	74613	19.306	ug/l	94
48) Methyl methacrylate	7.74	41	56959	19.097	ug/l	99
49) 1,4-Dioxane	7.71	88	24124	388.836	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	352669	96.475	ug/l	99
52) Toluene	8.76	92	119133	18.998	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	79633	19.241	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	83321	19.151	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	48663	18.886	ug/l	97
56) Ethyl methacrylate	9.16	69	71563	18.531	ug/l	98
57) 1,3-Dichloropropane	9.35	76	85162	19.307	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	197991	99.237	ug/l	100
59) 2-Hexanone	9.47	43	259638	94.413	ug/l	100
60) Dibromochloromethane	9.56	129	54660	18.609	ug/l	100
61) 1,2-Dibromoethane	9.65	107	51651	18.775	ug/l	99
64) Tetrachloroethene	9.32	164	45982	20.989	ug/l	94
65) Chlorobenzene	10.12	112	125271	18.927	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	48429	19.689	ug/l	99
67) Ethyl Benzene	10.23	91	224777	19.347	ug/l	99
68) m/p-Xylenes	10.34	106	169505	39.271	ug/l	100
69) o-Xylene	10.68	106	78937	19.169	ug/l	98
70) Styrene	10.70	104	137609	19.617	ug/l	99
71) Bromoform	10.84	173	35974	18.394	ug/l #	94
73) Isopropylbenzene	11.00	105	215074	19.247	ug/l	99
74) N-amyl acetate	10.88	43	102128	19.381	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	69736	18.545	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	69033m	20.269	ug/l	
77) Bromobenzene	11.24	156	53899	18.604	ug/l	99
78) n-propylbenzene	11.34	91	252236	19.125	ug/l	99
79) 2-Chlorotoluene	11.40	91	151789	19.139	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	181042	19.493	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	25146	18.745	ug/l	98
82) 4-Chlorotoluene	11.49	91	180186	19.304	ug/l	99
83) tert-Butylbenzene	11.76	119	173136	19.140	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	185940	19.792	ug/l	99
85) sec-Butylbenzene	11.93	105	208809	19.799	ug/l	99
86) p-Isopropyltoluene	12.05	119	191731	19.897	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	98360	18.916	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	99534	18.750	ug/l	98
89) n-Butylbenzene	12.37	91	173466	19.124	ug/l	99
90) Hexachloroethane	12.58	117	36603	18.323	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	94844	19.239	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	15642	18.179	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBSD01

Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 26 08:34:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	58474	18.203	ug/l	97
94) Hexachlorobutadiene	13.76	225	23351	20.233	ug/l	95
95) Naphthalene	13.82	128	200077	18.953	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	60012	19.479	ug/l	97

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

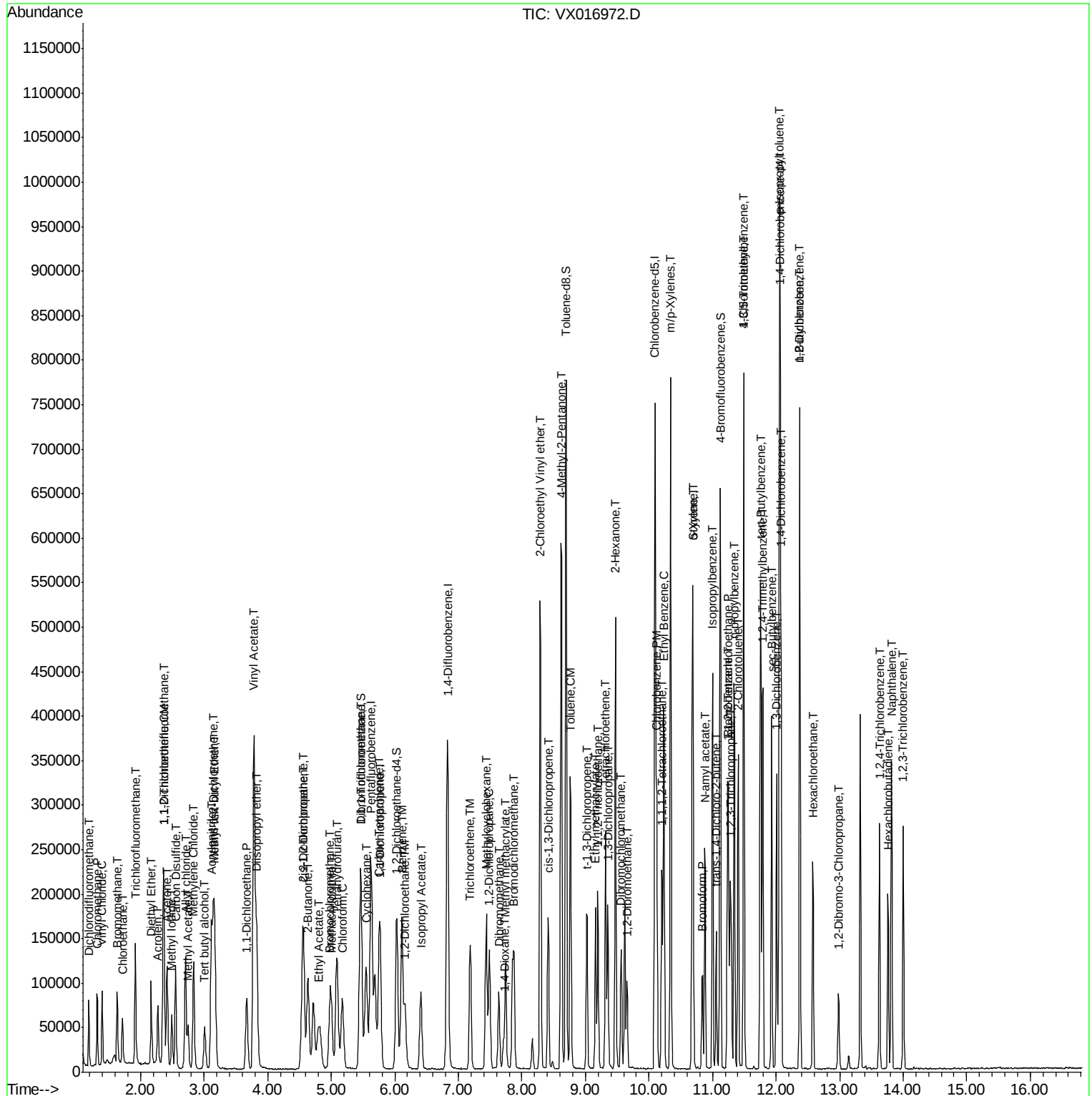
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Data File : VX016972.D
Acq On : 26 Jun 2020 10:56
Operator : JC/SP
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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

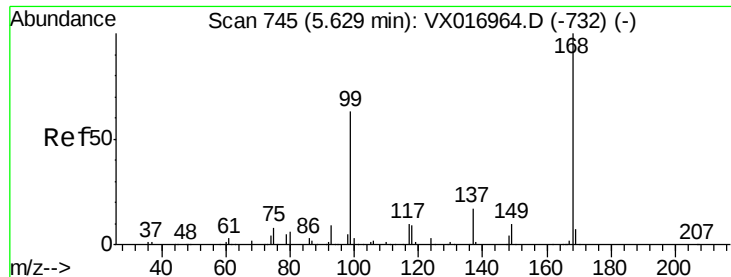
Instrument :
MSVOA_X
Client Sample ID :
VX0626WBSD01

Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBSD01

Tot Ion:168 Resp: 215335

Ion Ratio Lower Upper

168 100

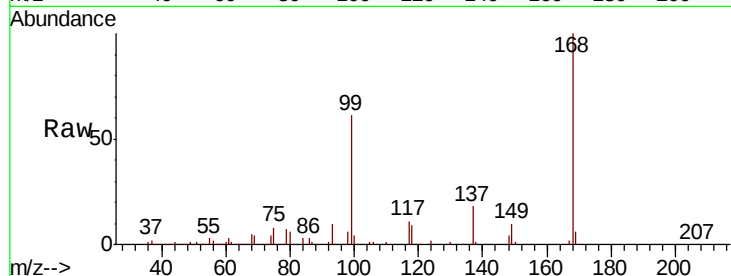
99 60.8 50.2 75.2

Manual Integrations

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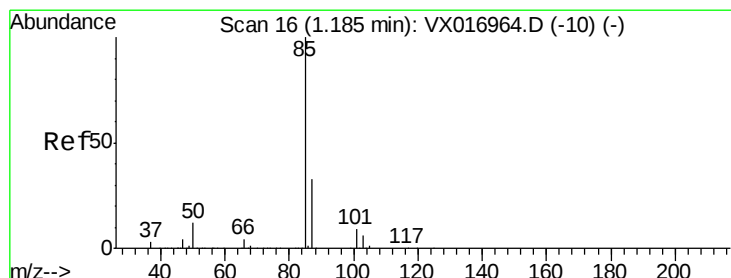
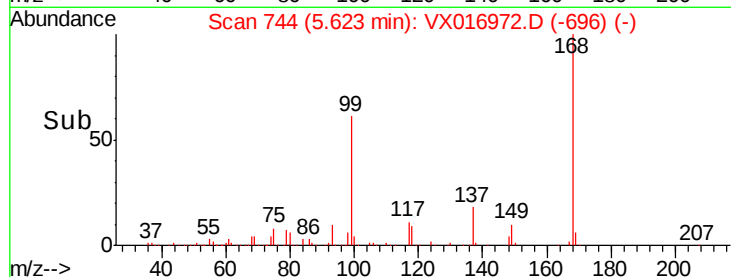
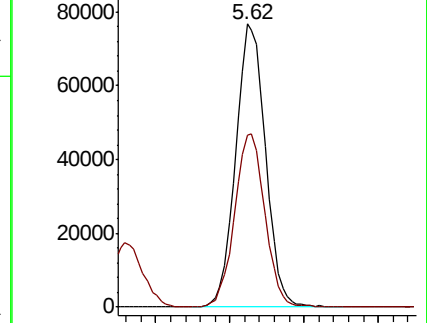
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.831 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016972.D

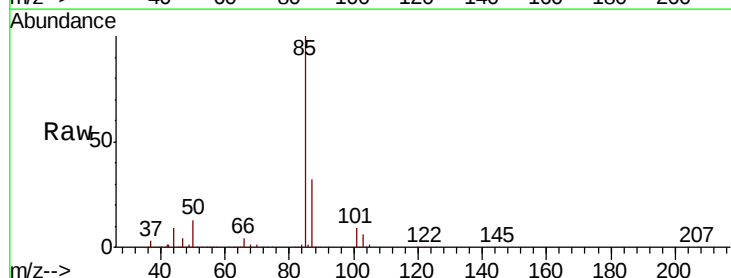
Acq: 26 Jun 2020 10:56

Tgt Ion: 85 Resp: 36594

Ion Ratio Lower Upper

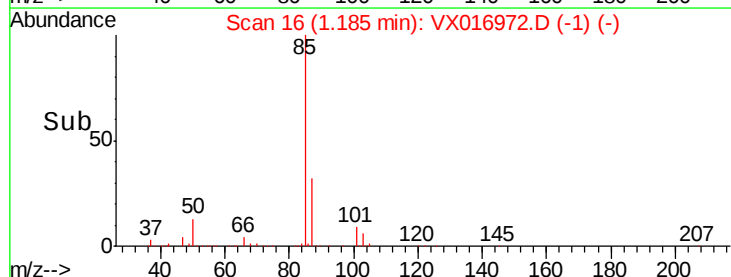
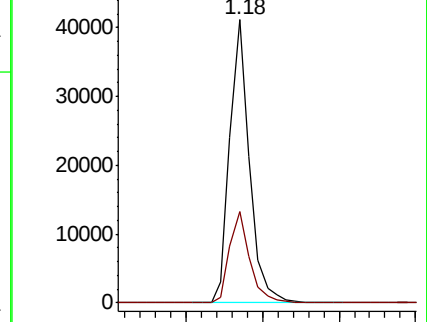
85 100

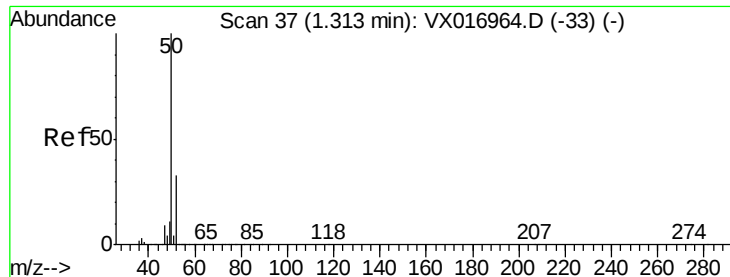
87 32.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.520 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBSD01

Tot Ion: 50 Resp: 51497

Ion Ratio Lower Upper

50 100

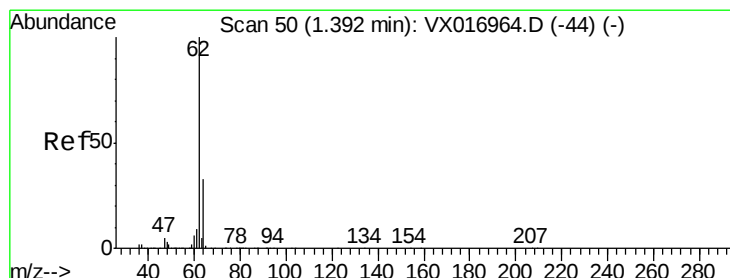
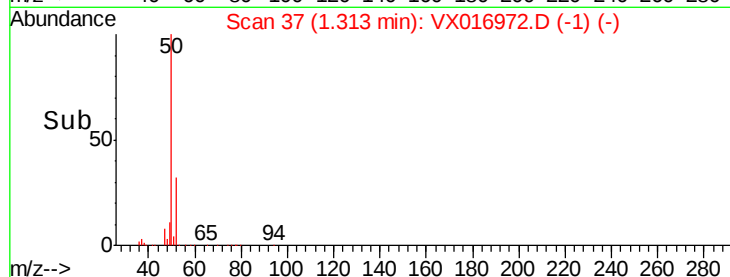
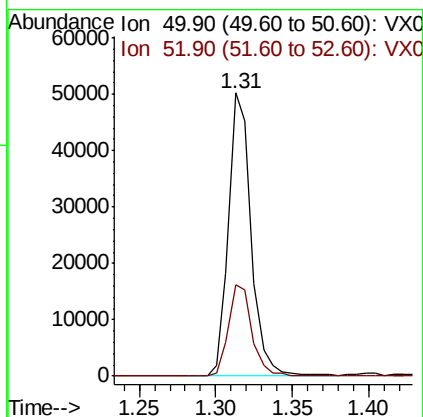
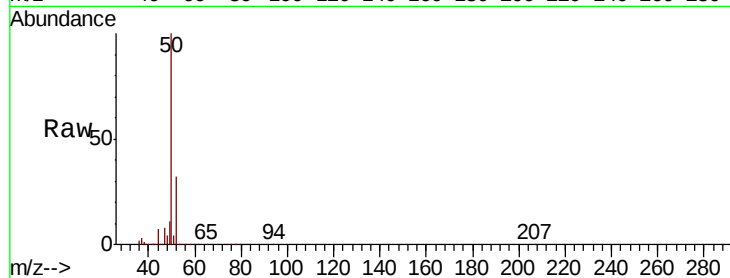
52 32.3 26.6 40.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.047 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016972.D

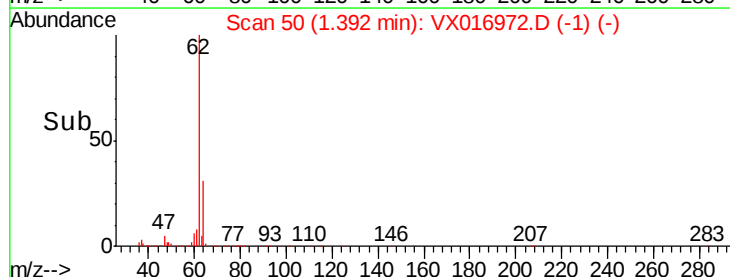
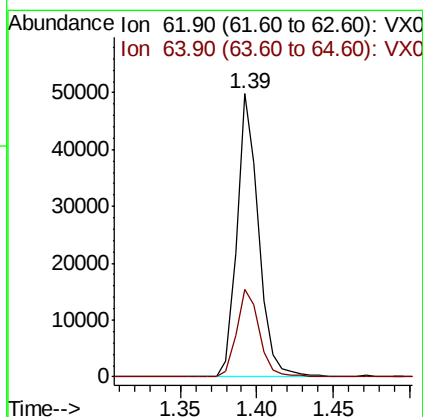
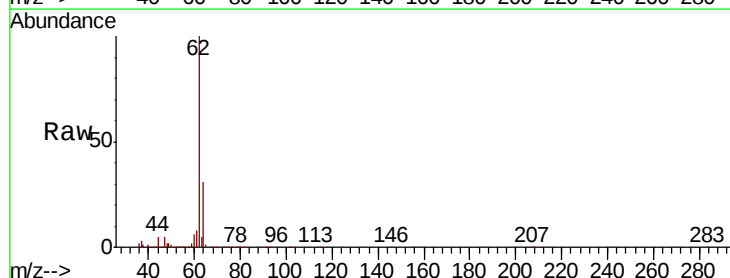
Acq: 26 Jun 2020 10:56

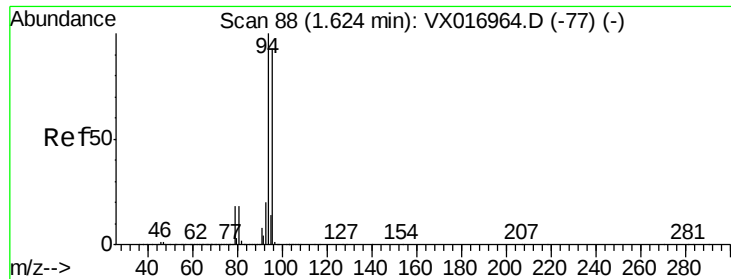
Tgt Ion: 62 Resp: 48764

Ion Ratio Lower Upper

62 100

64 30.8 26.3 39.5





#5

Bromomethane

Concen: 14.658 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBSD01

Tot Ion: 94 Resp: 33667

Ion Ratio Lower Upper

94 100

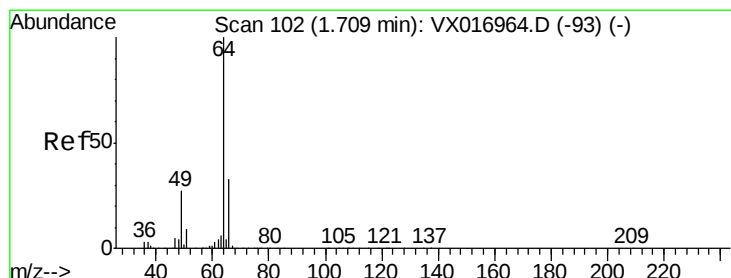
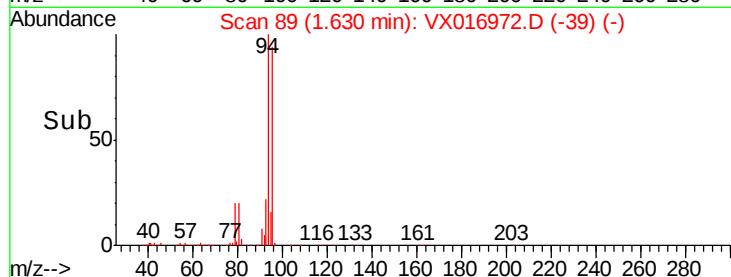
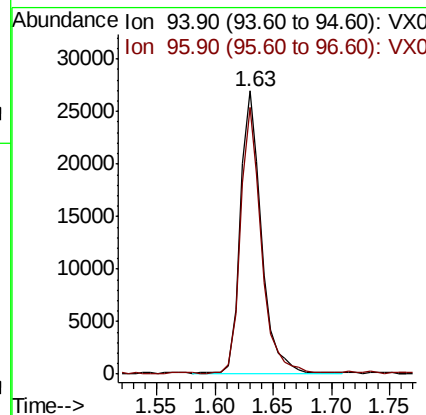
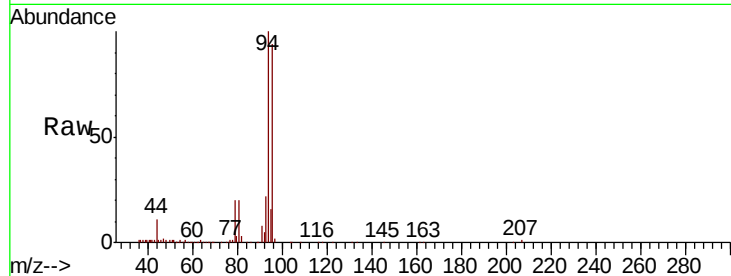
96 94.1 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 17.349 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016972.D

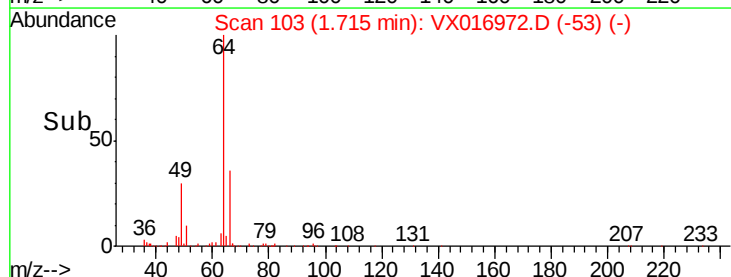
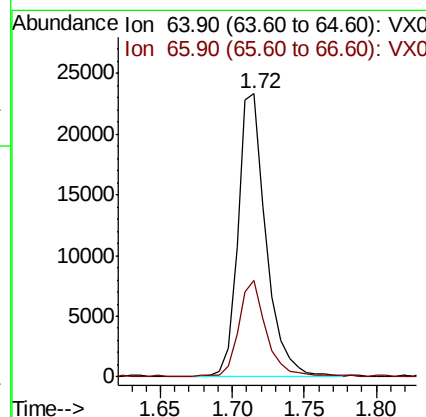
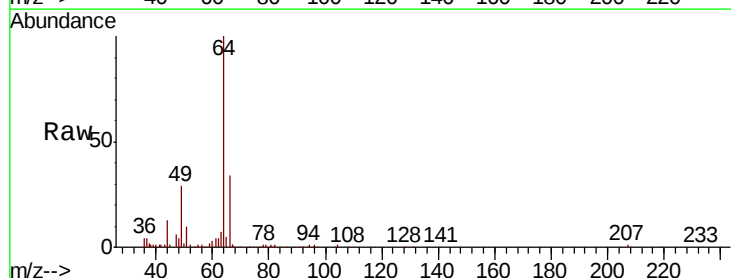
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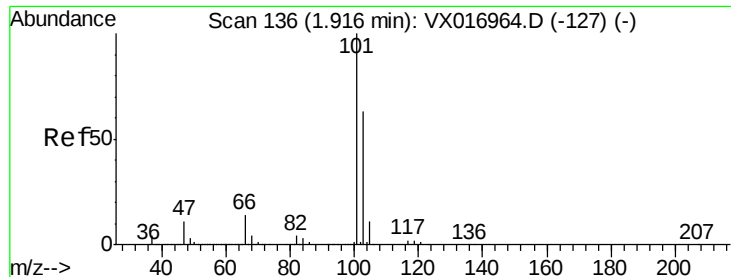
Tgt Ion: 64 Resp: 31815

Ion Ratio Lower Upper

64 100

66 33.6 26.2 39.2





#7

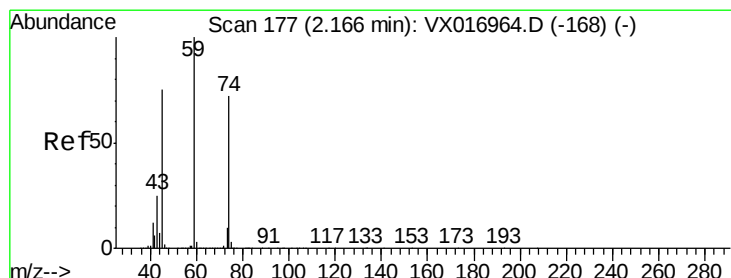
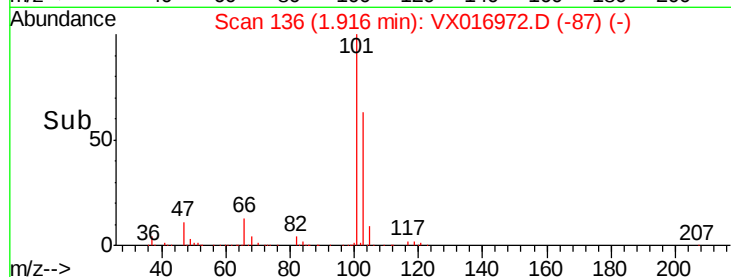
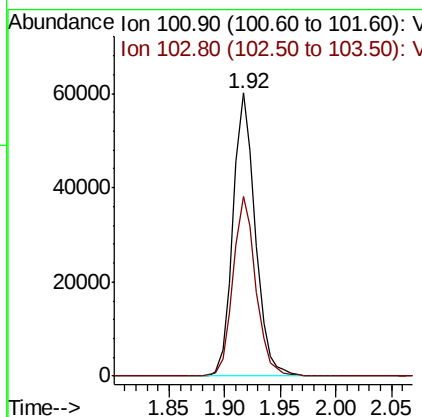
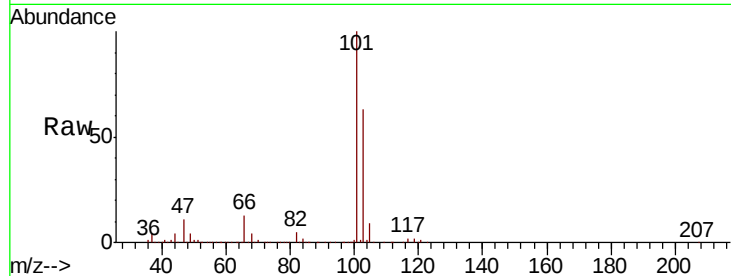
Trichlorofluoromethane
Concen: 18.877 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	50.2	75.4

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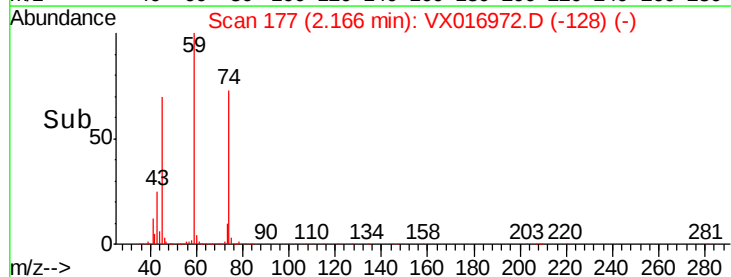
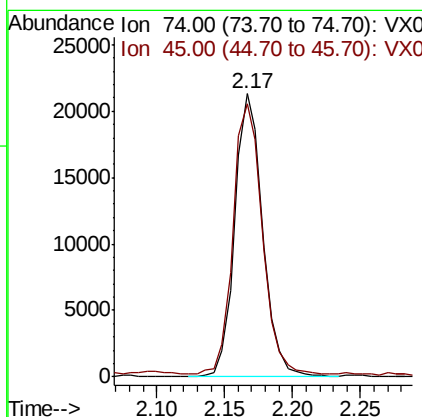
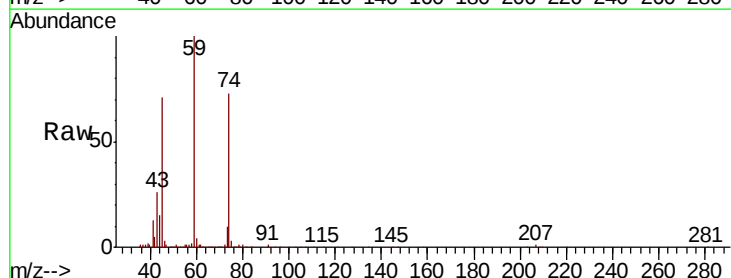
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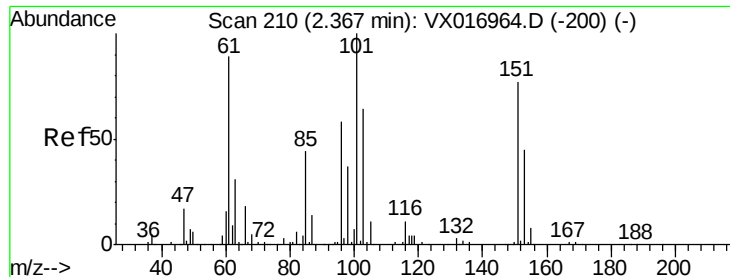


#8

Diethyl Ether
Concen: 17.954 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.8	50.5	151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.243 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Instrument :

MSVOA_X

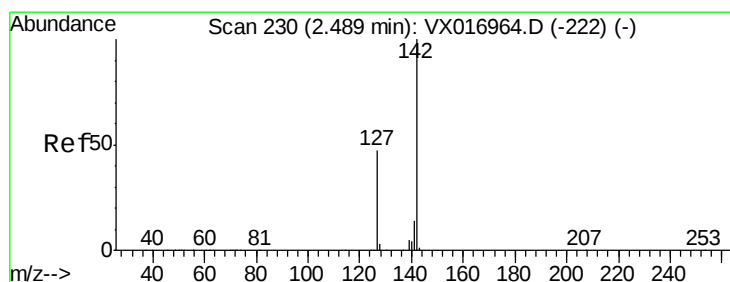
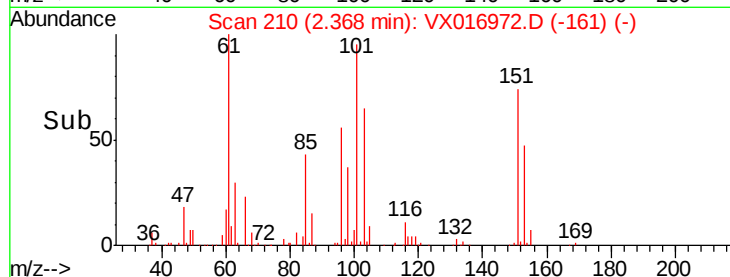
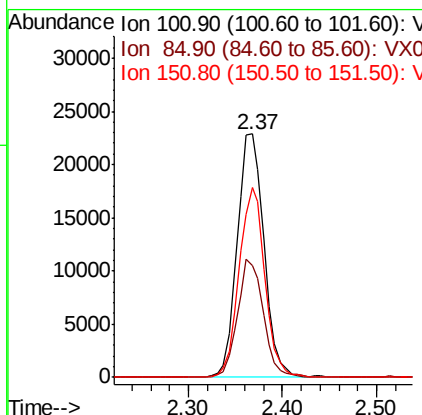
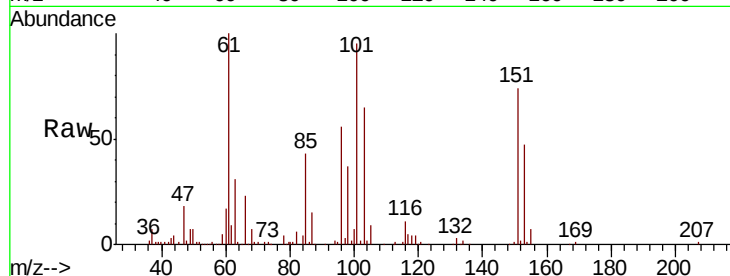
ClientSampleId :

VX0626WBSD01

Tot Ion:	101	Resp:	45400
Ion Ratio	Lower	Upper	
101	100		
85	46.5	36.8	55.2
151	74.5	59.8	89.6

Manual Integrations
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#10

Methyl Iodide

Concen: 20.289 ug/l

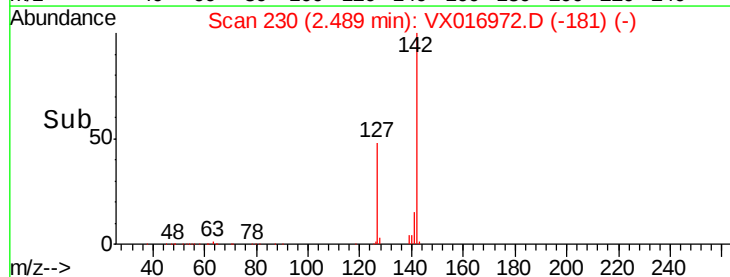
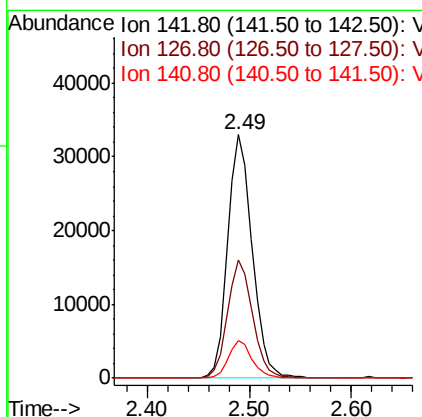
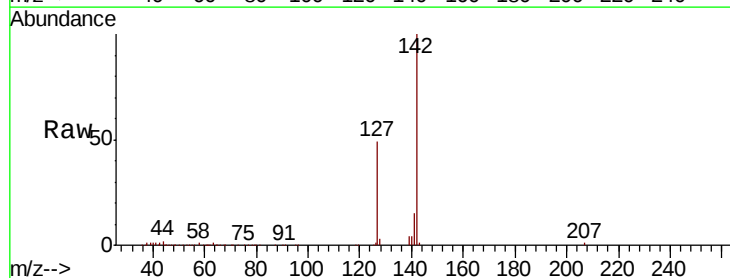
RT: 2.49 min Scan# 230

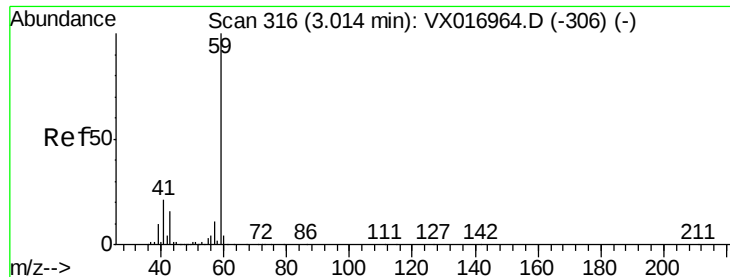
Delta R.T. 0.00 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Tgt Ion:	142	Resp:	54846
Ion Ratio	Lower	Upper	
142	100		
127	49.4	37.4	56.0
141	15.1	11.7	17.5





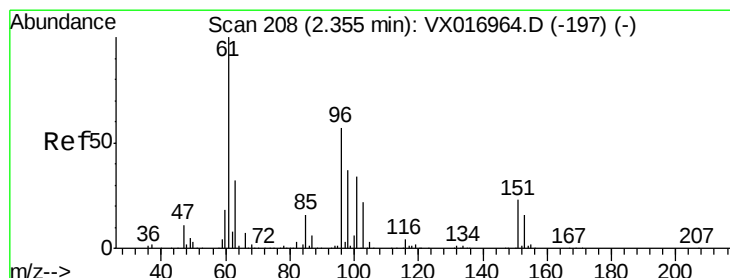
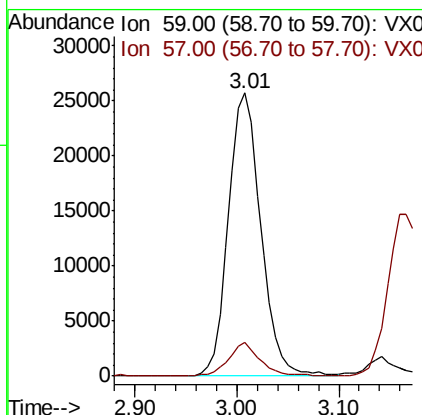
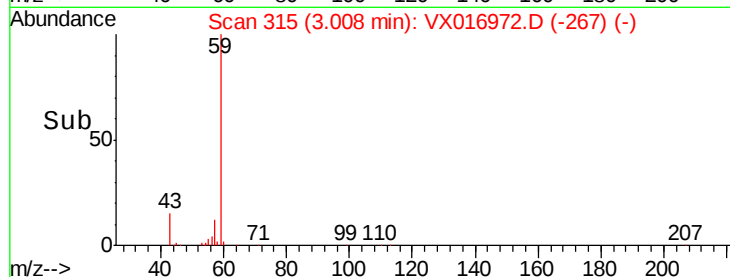
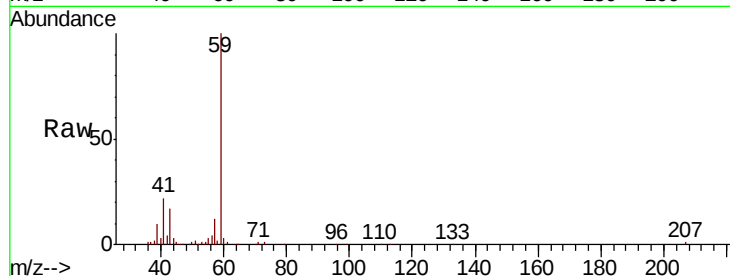
#11
Tert butyl alcohol
Concen: 92.505 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.8	8.5	12.7

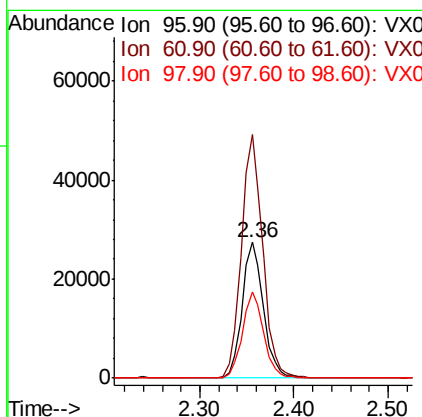
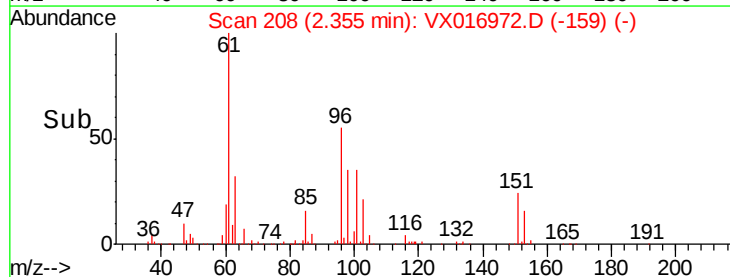
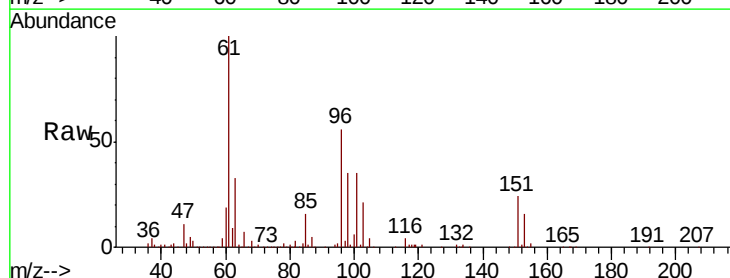
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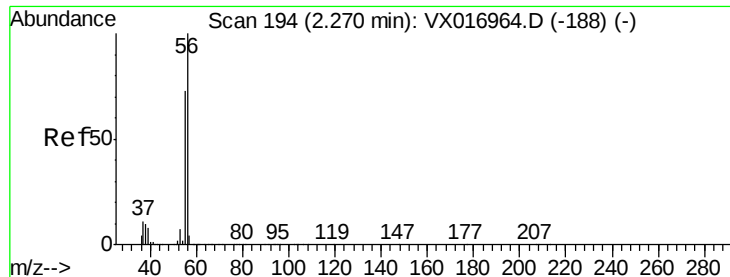
MMDadoda
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#12
1,1-Dichloroethene
Concen: 18.100 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	179.4	139.7	209.5
98	63.3	51.0	76.6





#13

Acrolein

Concen: 98.026 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBSD01

Tot Ion: 56 Resp: 44604

Ion Ratio Lower Upper

56 100

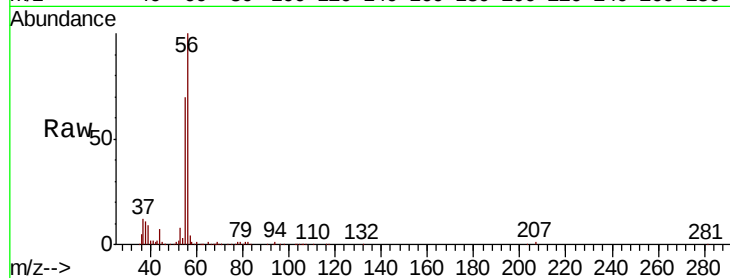
55 71.1 57.5 86.3

Manual Integrations

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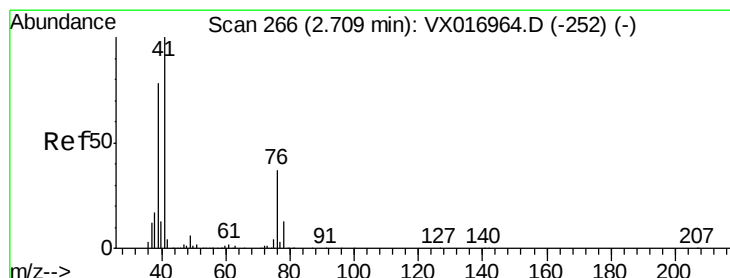
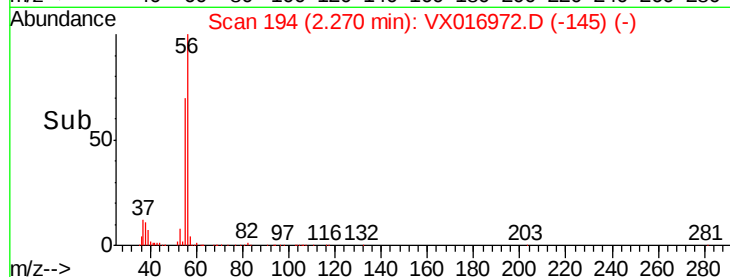
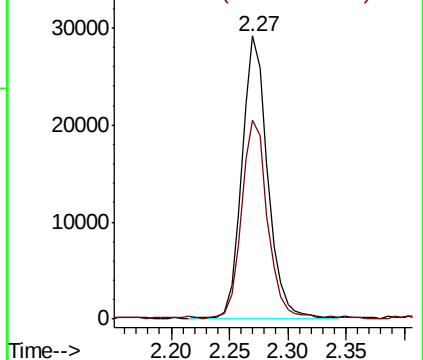
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.002 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

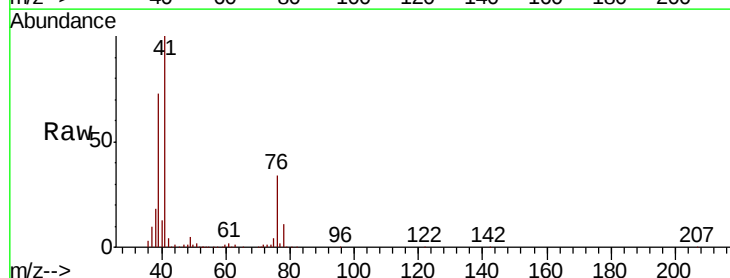
Tgt Ion: 41 Resp: 84446

Ion Ratio Lower Upper

41 100

39 68.6 56.4 84.6

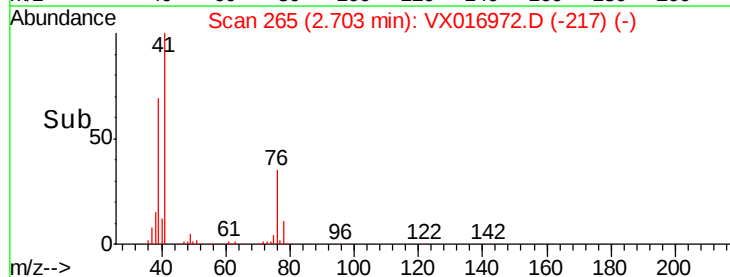
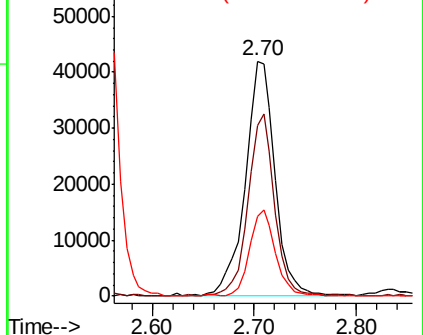
76 32.4 26.5 39.7

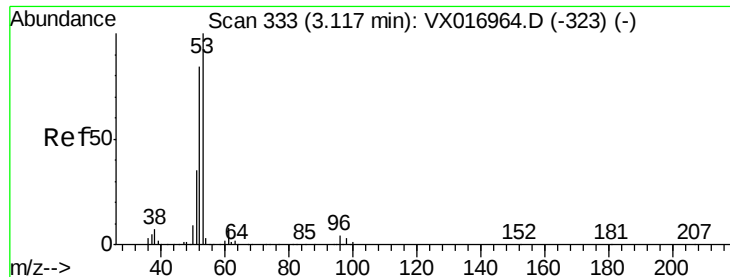


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 91.625 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Instrument :

MSVOA_X

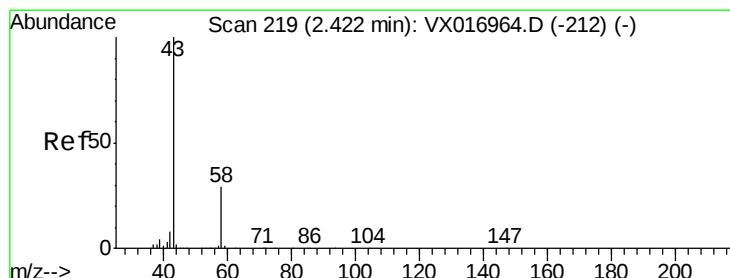
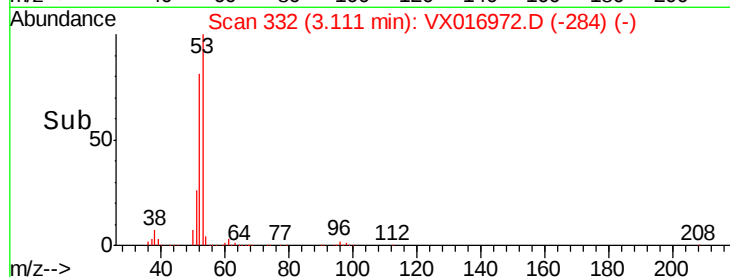
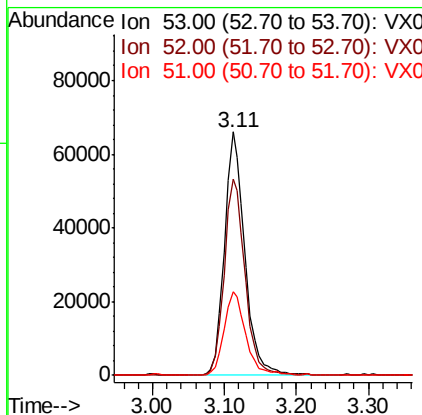
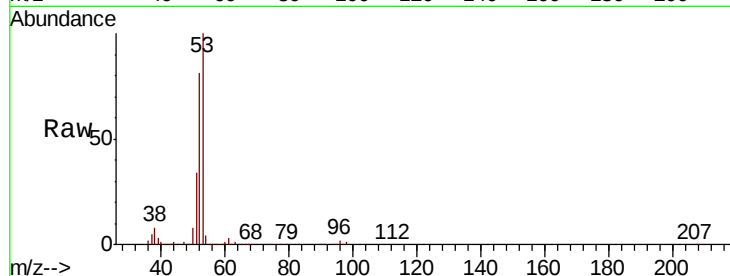
ClientSampleId :

VX0626WBSD01

Tot Ion:	53	Resp:	130600
Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.3	99.5
51	36.8	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 90.991 ug/l

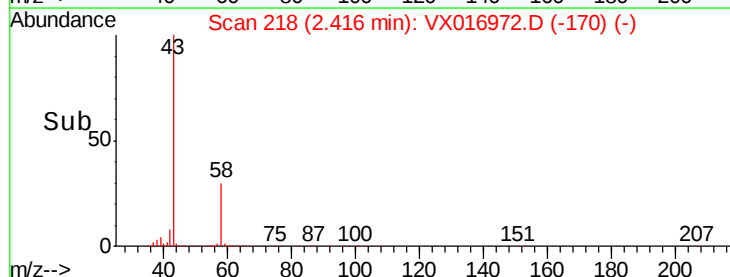
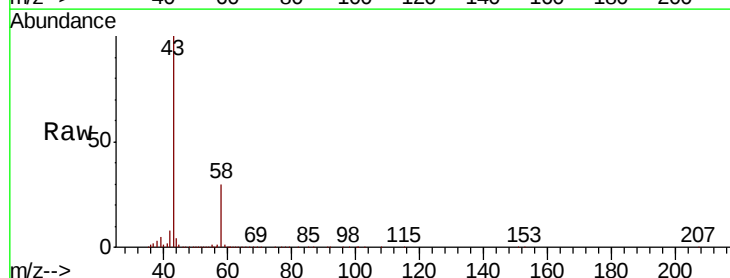
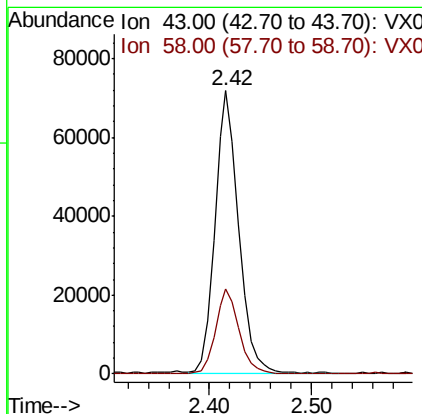
RT: 2.42 min Scan# 218

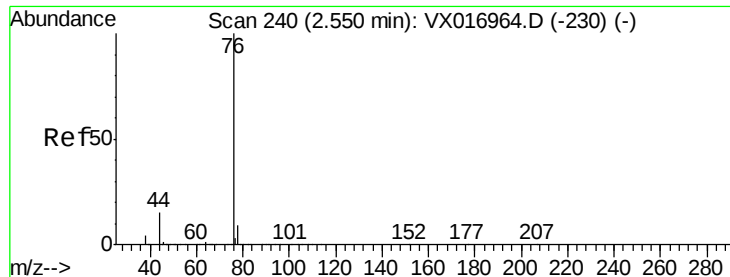
Delta R.T. -0.01 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Tgt Ion:	43	Resp:	115660
Ion	Ratio	Lower	Upper
43	100		
58	29.8	23.5	35.3





#17

Carbon Disulfide

Concen: 18.098 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBSD01

Tot Ion: 76 Resp: 136970

Ion Ratio Lower Upper

76 100

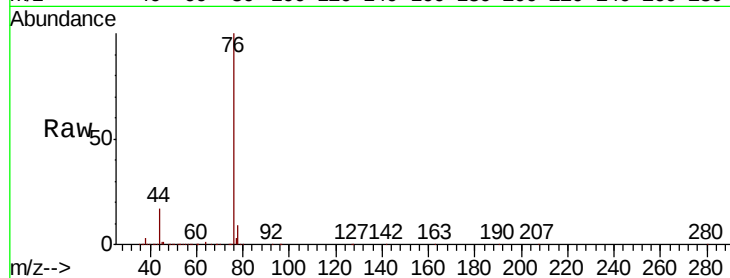
78 8.8 7.0 10.4

Manual Integrations

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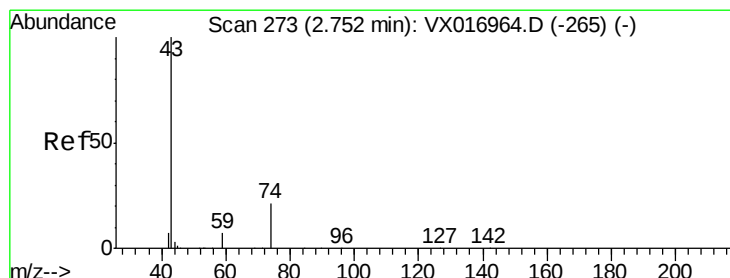
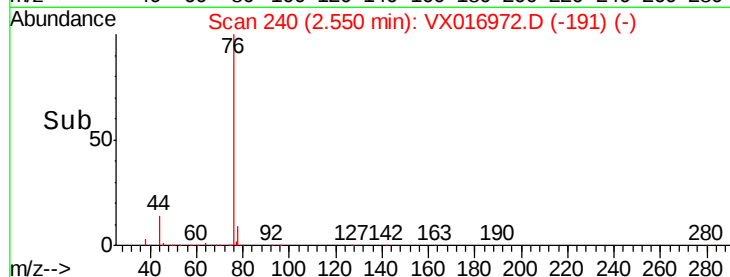
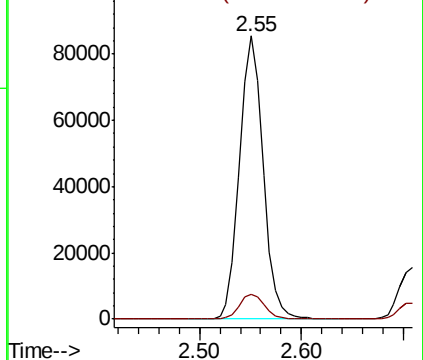
MMDadoda

6/29/2020 12:32:39 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.019 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016972.D

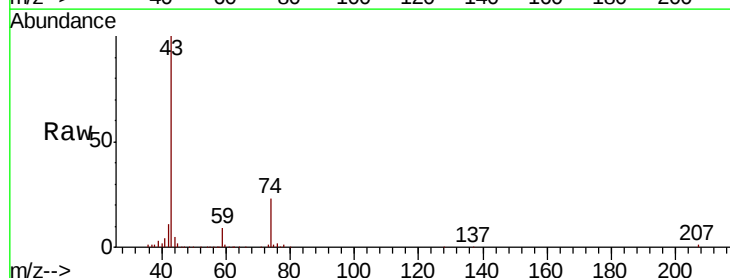
Acq: 26 Jun 2020 10:56

Tgt Ion: 43 Resp: 55721

Ion Ratio Lower Upper

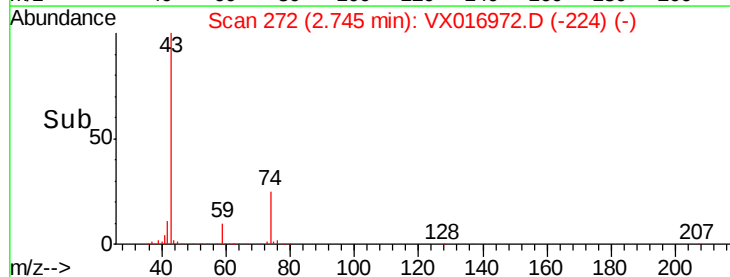
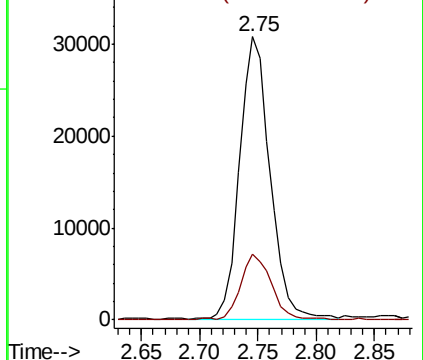
43 100

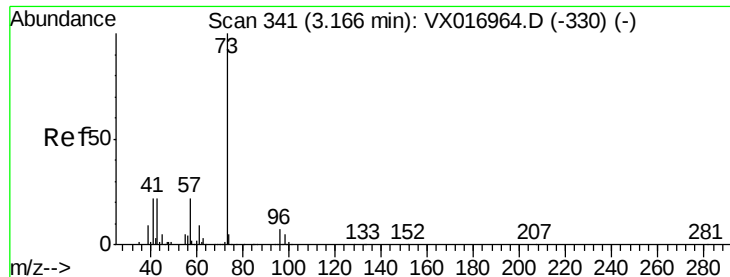
74 24.0 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





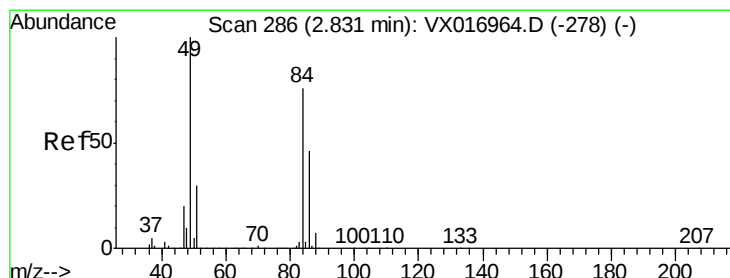
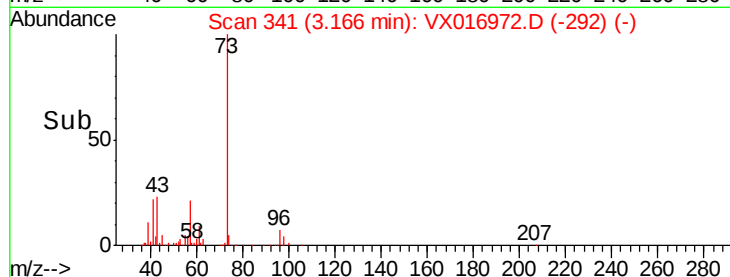
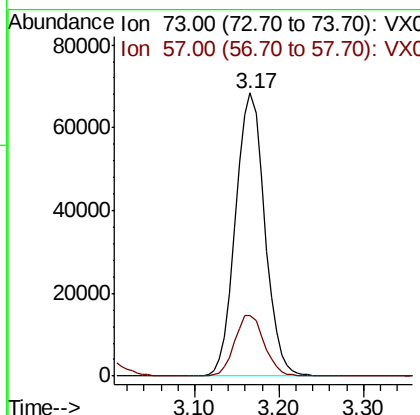
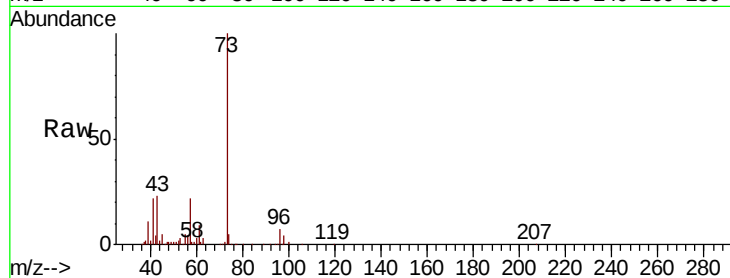
#19
Methyl tert-butyl Ether
Concen: 19.193 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.8	26.8

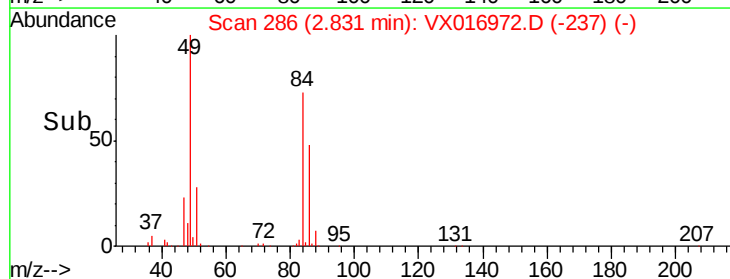
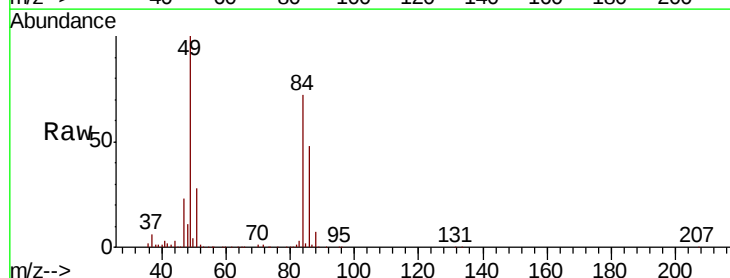
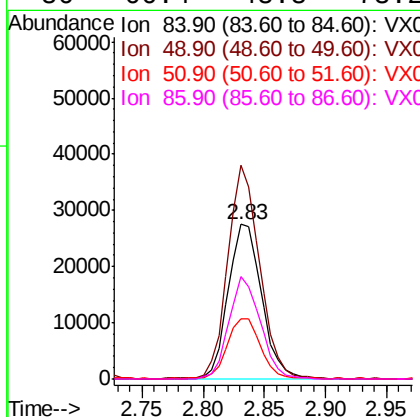
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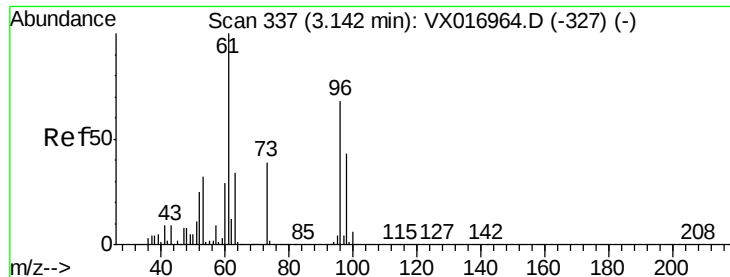
MMDadoda
6/29/2020 12:32:39 PM



#20
Methylene Chloride
Concen: 18.006 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Tgt Ion	Ratio	Lower	Upper
84	100		
49	137.6	105.6	158.4
51	38.8	31.2	46.8
86	66.4	48.8	73.2





#21

trans-1,2-Dichloroethene

Concen: 17.687 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBSD01

Tot Ion: 96 Resp: 47696

Ion Ratio Lower Upper

96 100

61 145.5 116.7 175.1

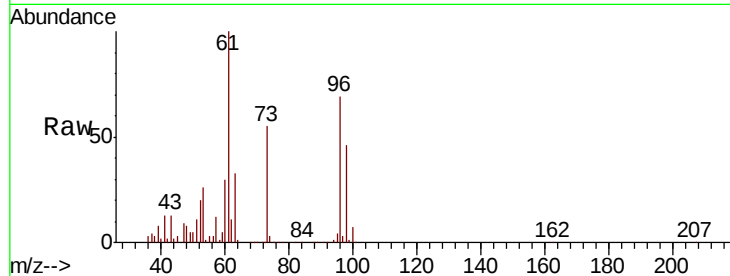
98 66.8 50.7 76.1

Manual Integrations

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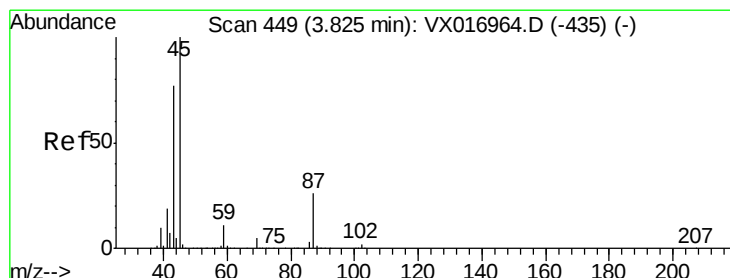
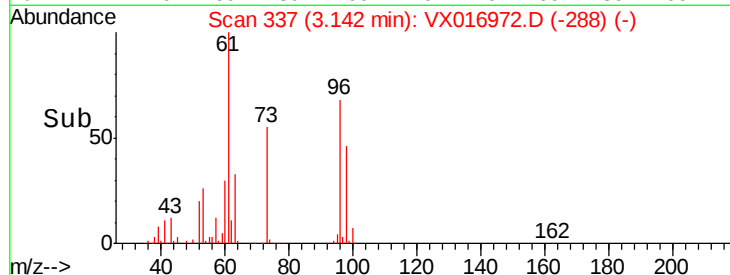
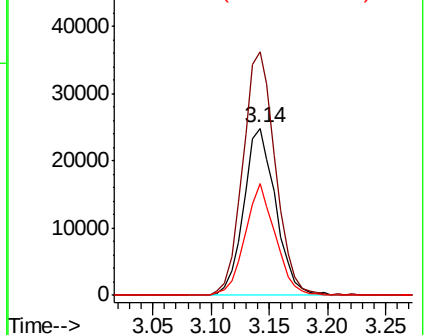


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.855 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Tgt Ion: 45 Resp: 164281

Ion Ratio Lower Upper

45 100

43 70.9 62.7 94.1

87 25.0 21.0 31.4

59 10.4 9.0 13.6

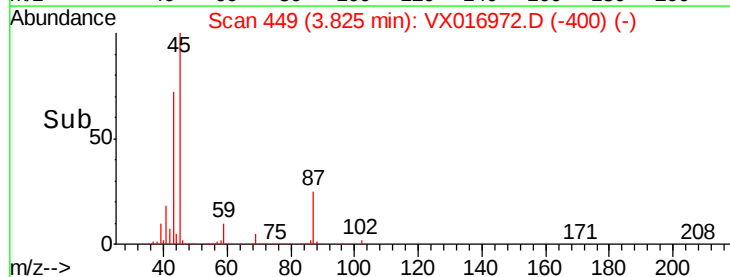
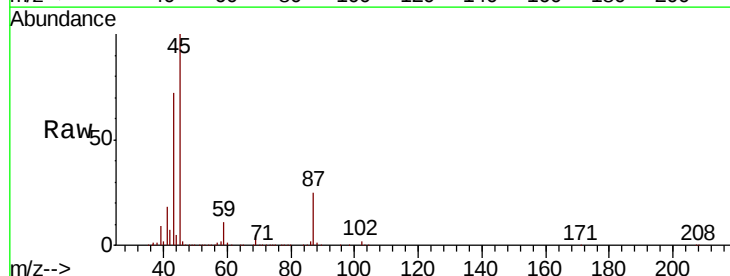
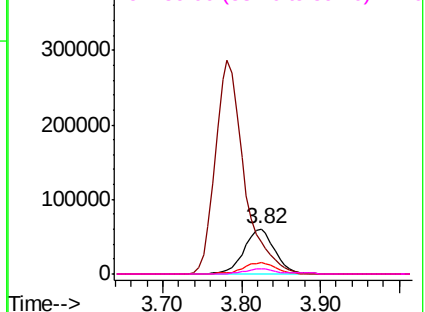
Abundance

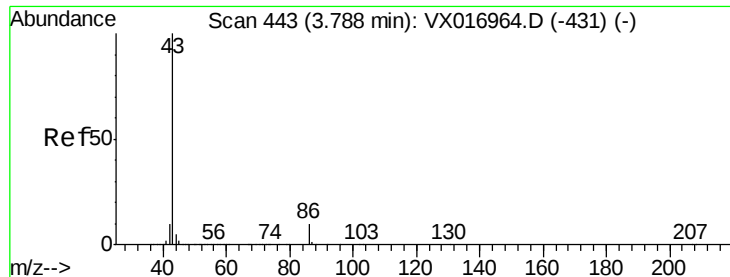
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 95.690 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBSD01

Tot Ion: 43 Resp: 729649

Ion Ratio Lower Upper

43 100

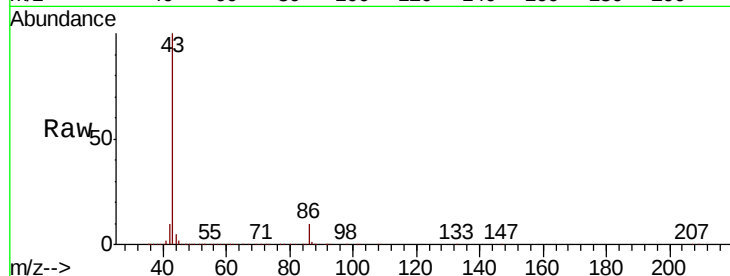
86 10.1 8.2 12.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

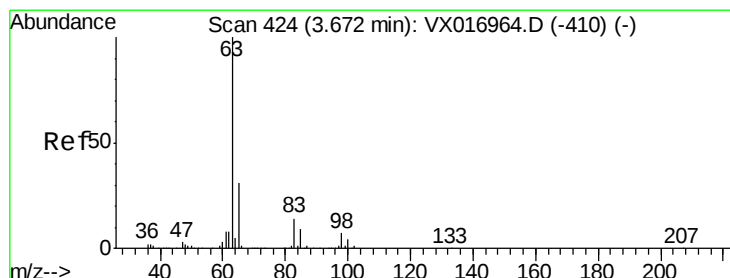
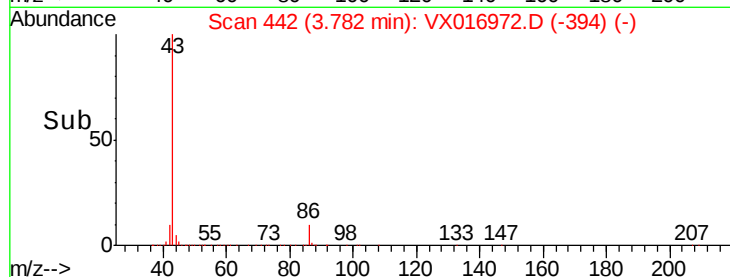
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.268 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

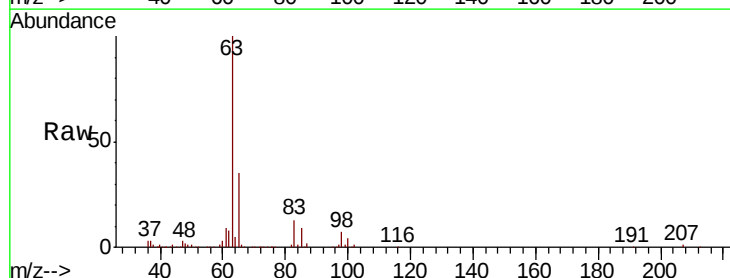
Tgt Ion: 63 Resp: 89280

Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

100 4.4 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

3.67

50000

40000

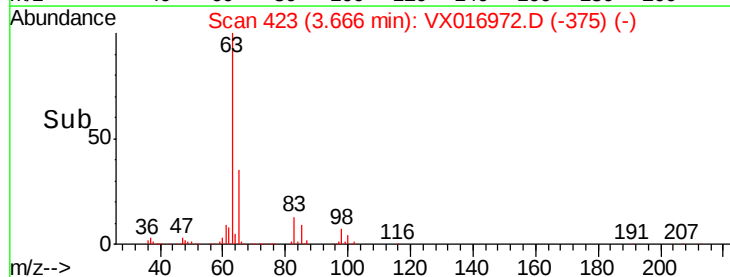
30000

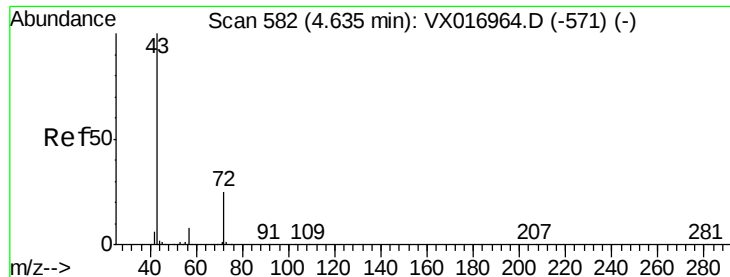
20000

10000

0

Time-->





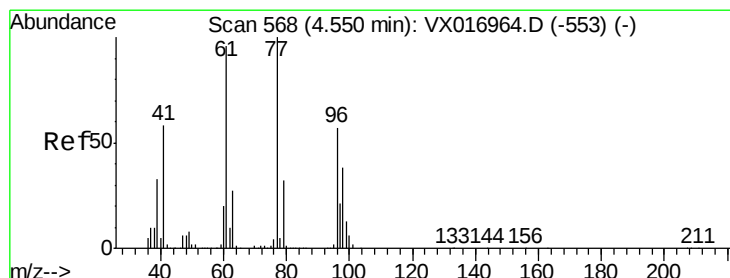
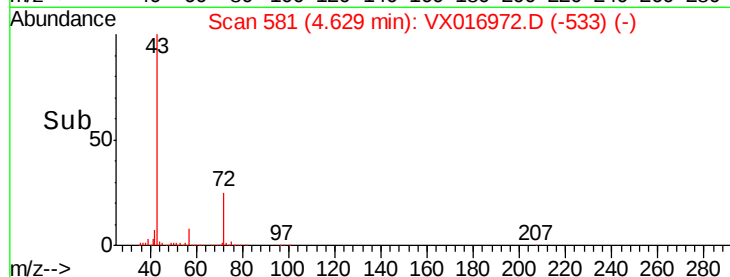
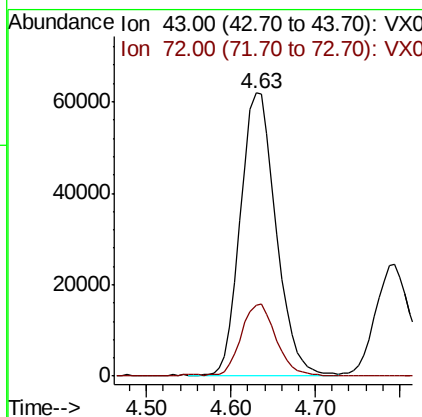
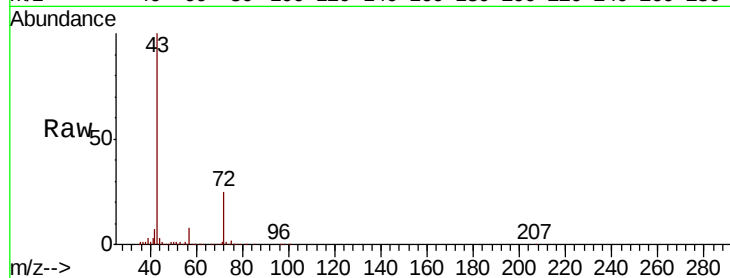
#25
2-Butanone
Concen: 91.263 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBSD01

Tot Ion: 43 Resp: 176804
Ion Ratio Lower Upper
43 100
72 25.0 20.0 30.0

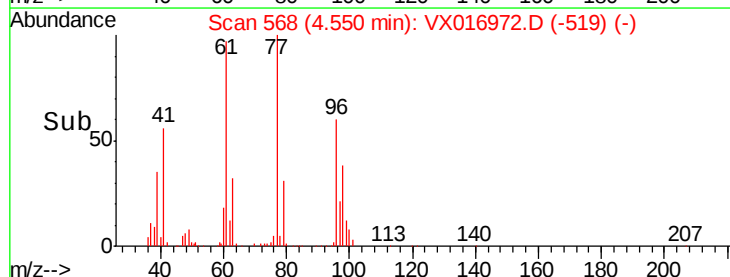
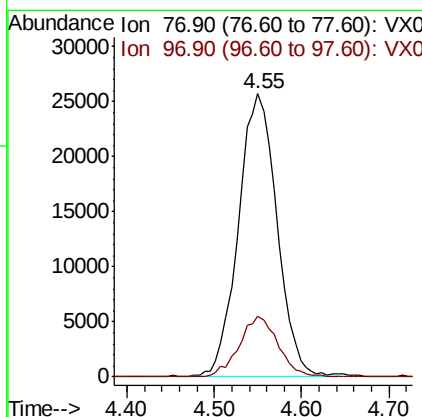
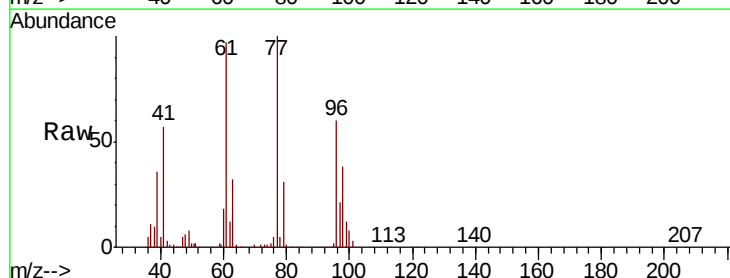
Manual Integrations
APPROVED

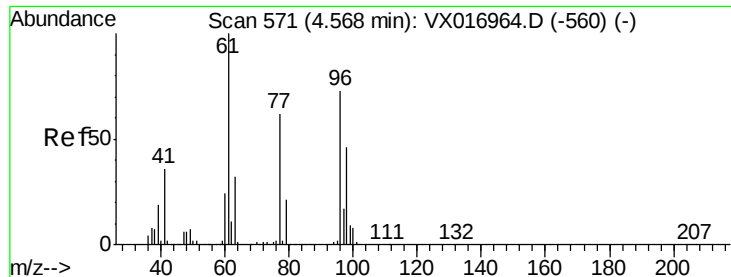
MMDadoda
6/29/2020 12:32:39 PM



#26
2,2-Dichloropropane
Concen: 19.985 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.00 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Tgt Ion: 77 Resp: 79010
Ion Ratio Lower Upper
77 100
97 21.6 11.2 33.5





#27

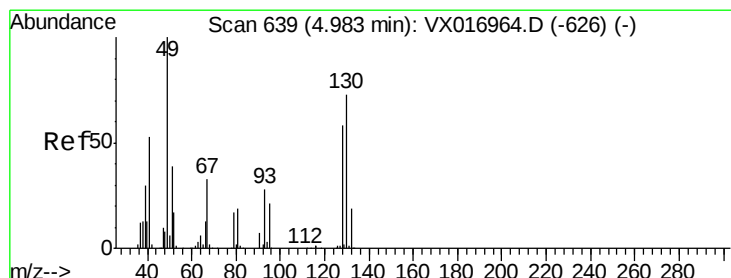
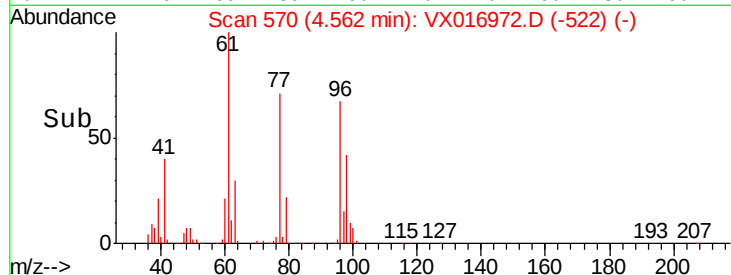
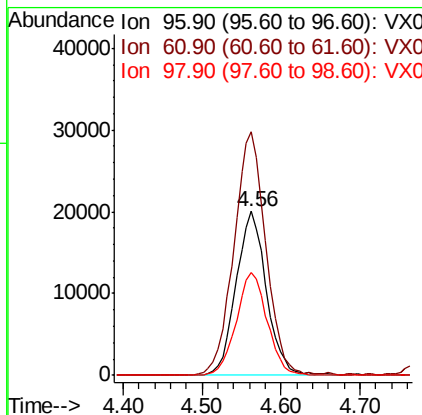
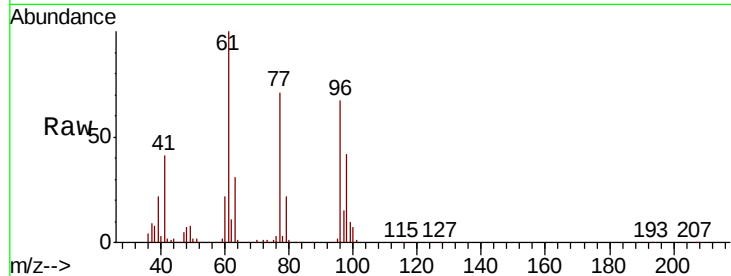
cis-1,2-Dichloroethene
Concen: 17.785 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	157.9	0.0	307.2
98	64.6	0.0	128.4

Manual Integrations
APPROVED

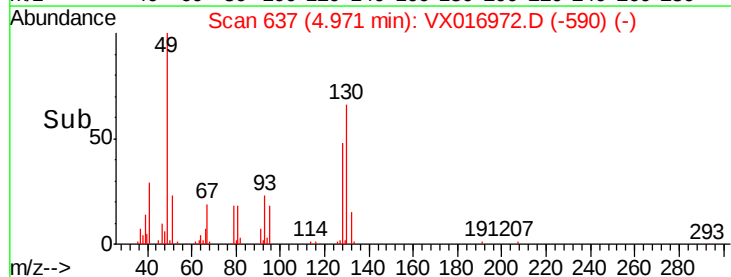
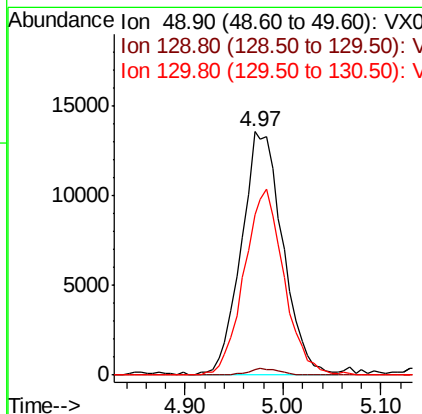
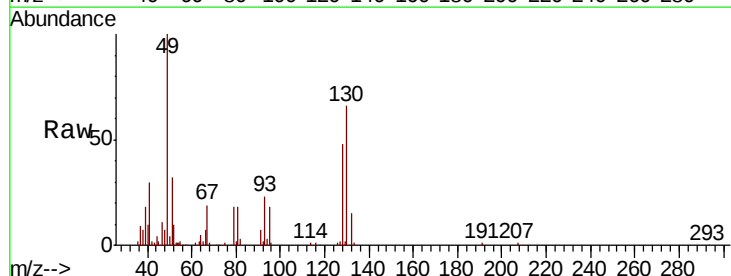
MMDadoda
6/29/2020 12:32:39 PM

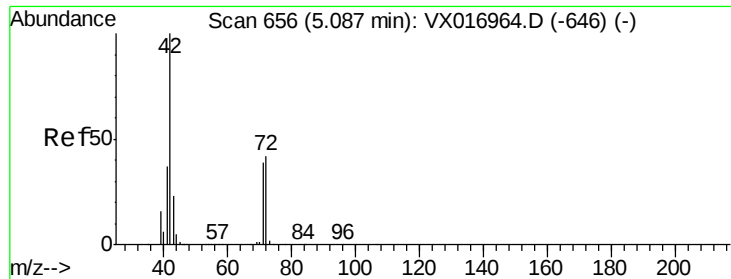


#28

Bromochloromethane
Concen: 17.609 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.4
130	73.0	58.7	88.1





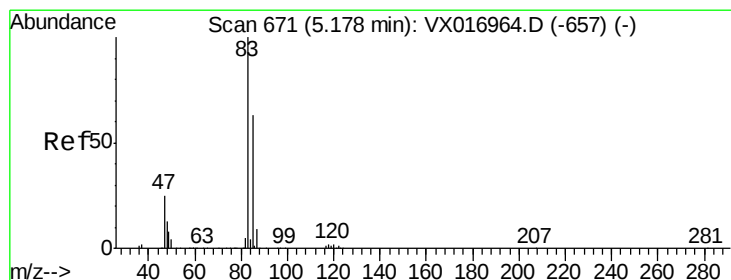
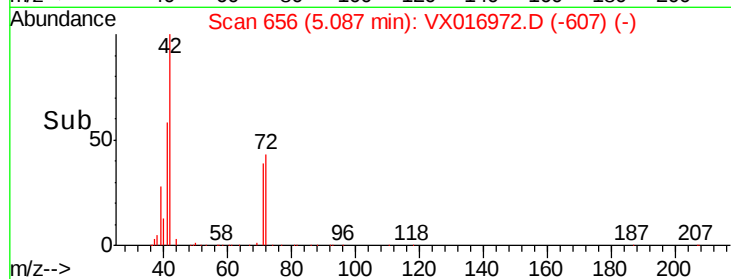
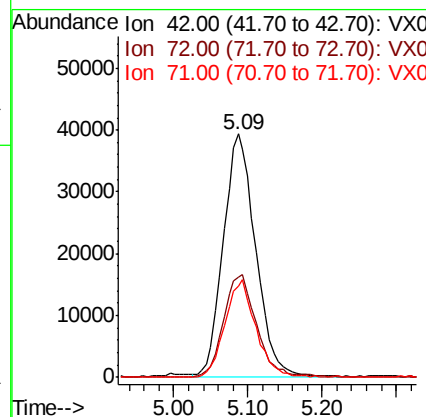
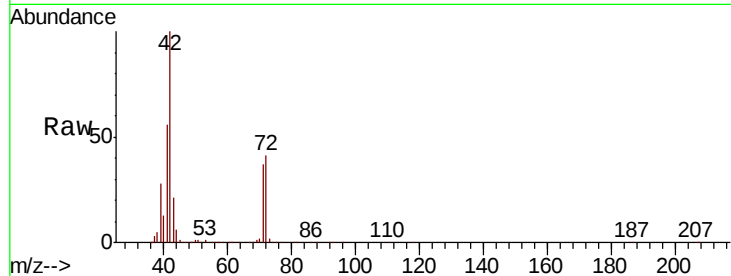
#29
Tetrahydrofuran
Concen: 92.345 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.0	34.1	51.1
71	38.9	32.1	48.1

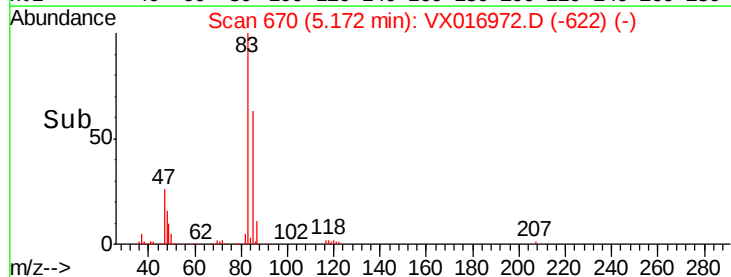
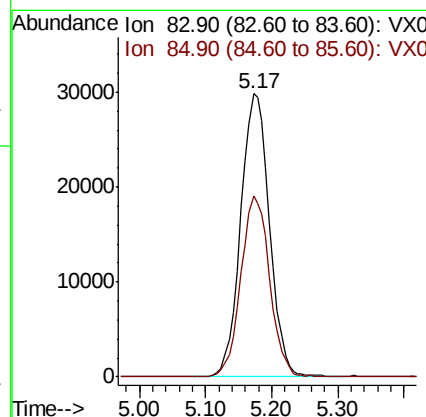
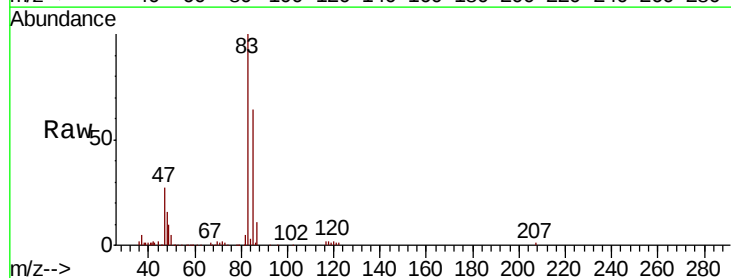
Manual Integrations
APPROVED

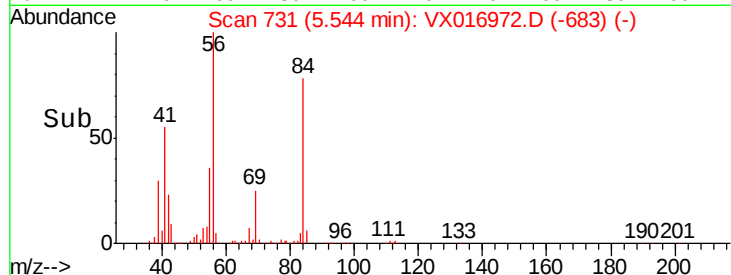
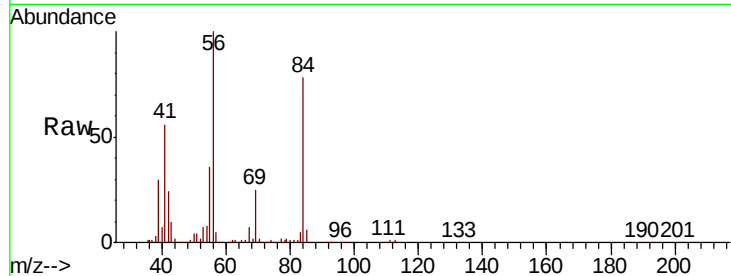
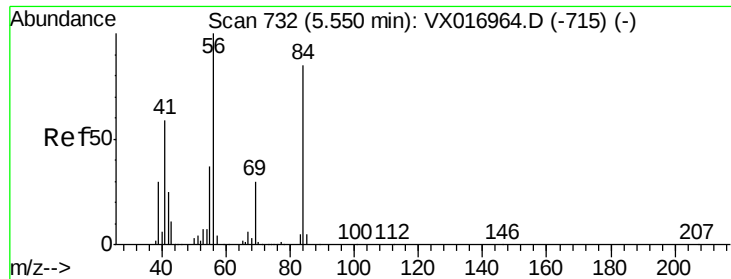
MMDadoda
6/29/2020 12:32:39 PM



#30
Chloroform
Concen: 18.328 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.7	76.1





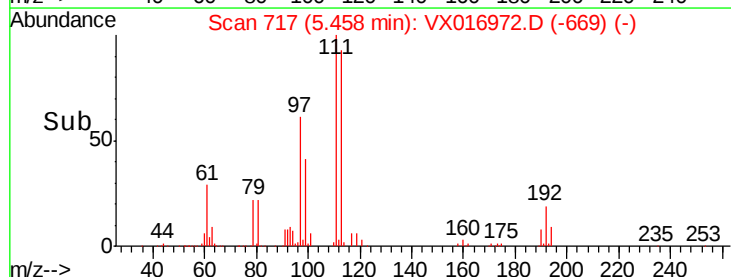
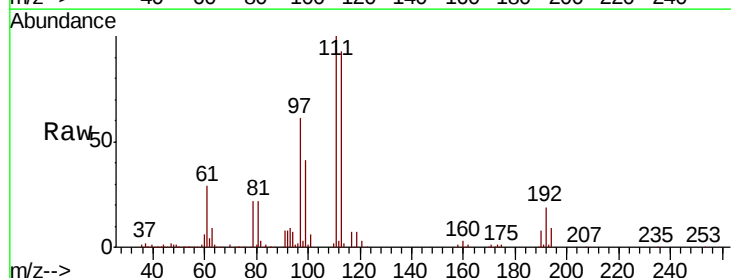
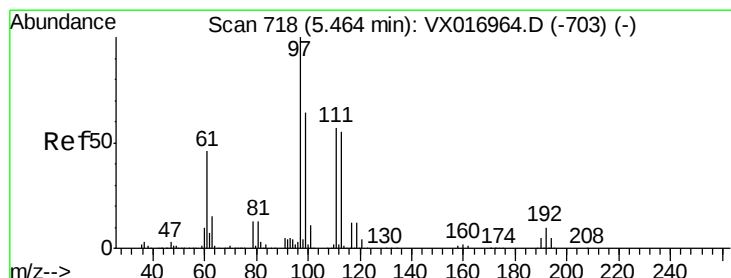
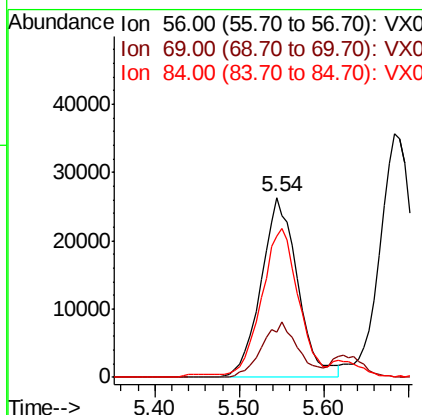
#31
Cyclohexane
Concen: 19.313 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Tot Ion	Ratio	Lower	Upper
56	100		
69	25.4	23.6	35.4
84	76.9	67.8	101.8

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBSD01

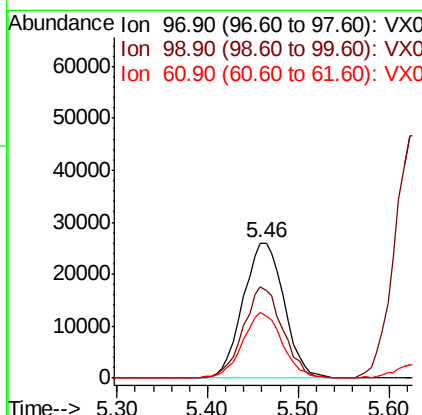
Manual Integrations
APPROVED

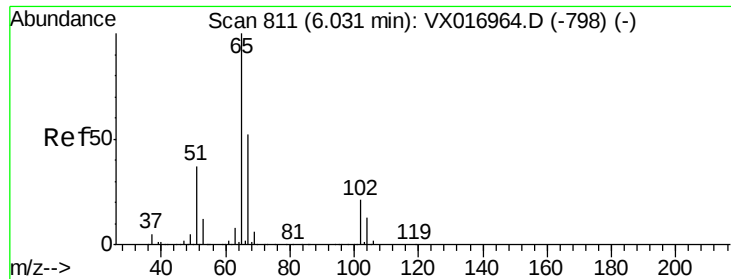
MMDadoda
6/29/2020 12:32:39 PM



#32
1,1,1-Trichloroethane
Concen: 18.615 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.4	77.2
61	46.8	37.0	55.4





#33

1,2-Dichloroethane-d4

Concen: 50.471 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBSD01

Tot Ion: 65 Resp: 164121

Ion Ratio Lower Upper

65 100

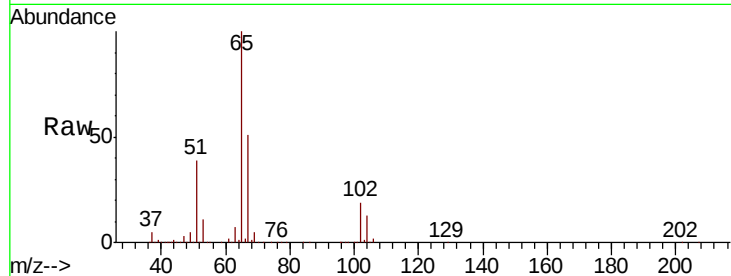
67 51.0 0.0 102.8

Manual Integrations

APPROVED

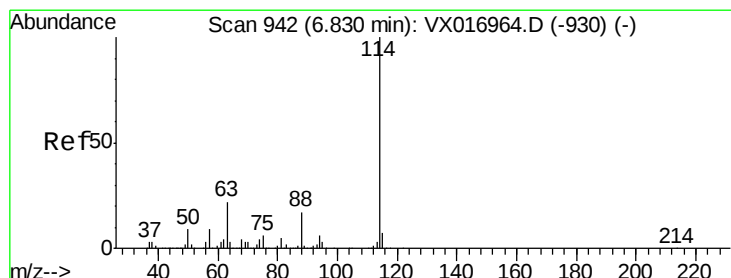
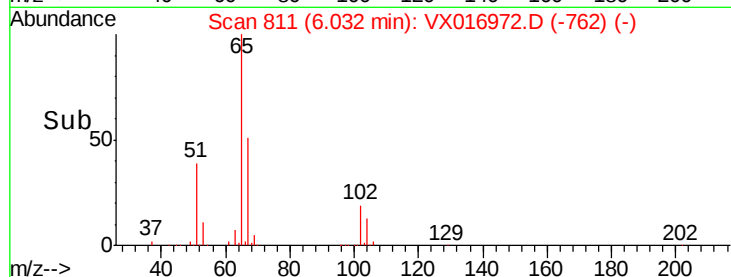
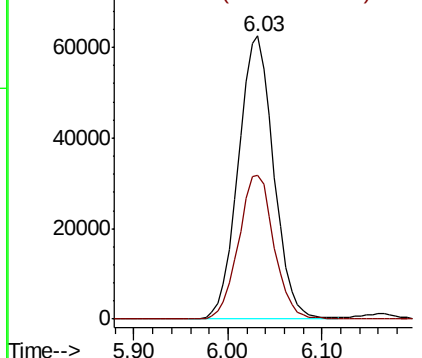
MMDadoda

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

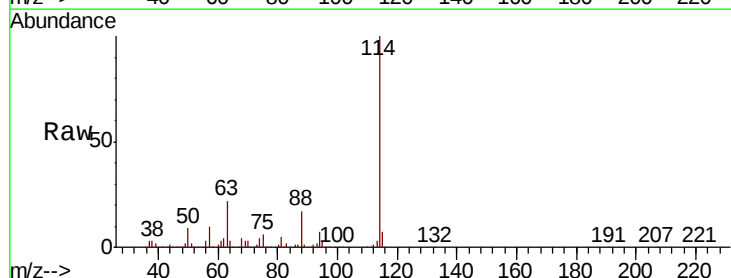
Tgt Ion: 114 Resp: 356797

Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.4

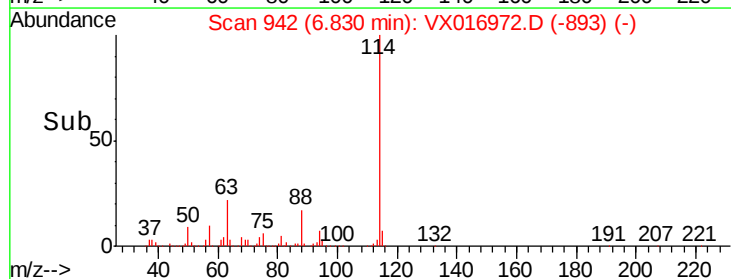
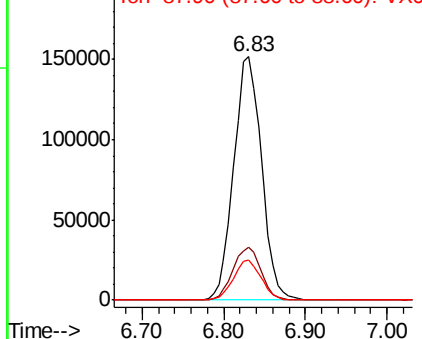
88 16.6 0.0 33.2

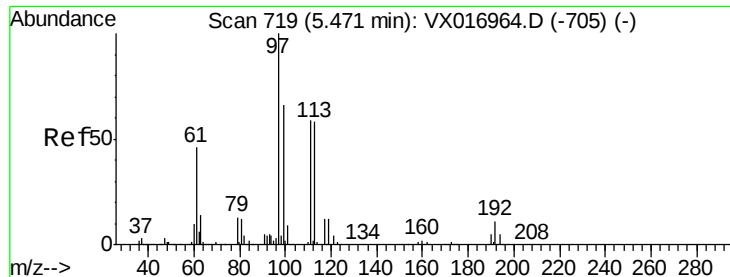


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.644 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Instrument :

MSVOA_X

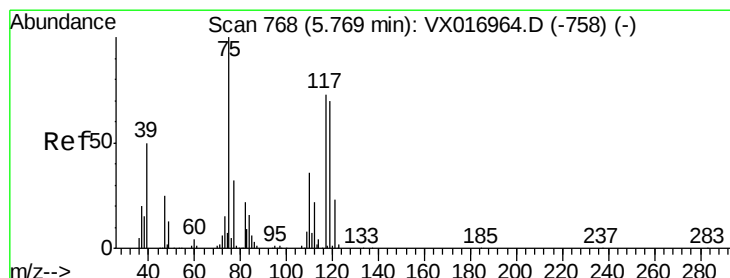
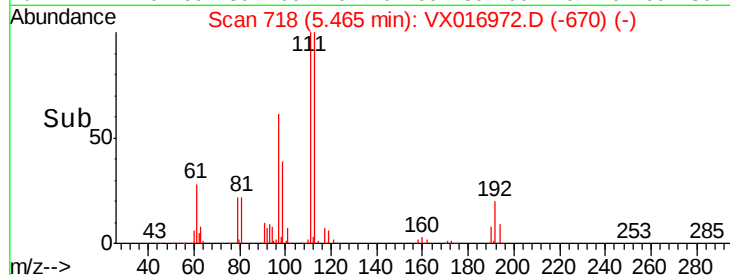
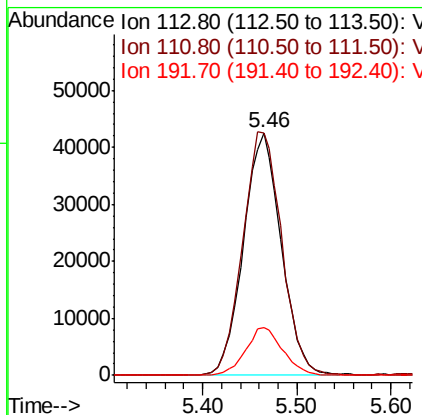
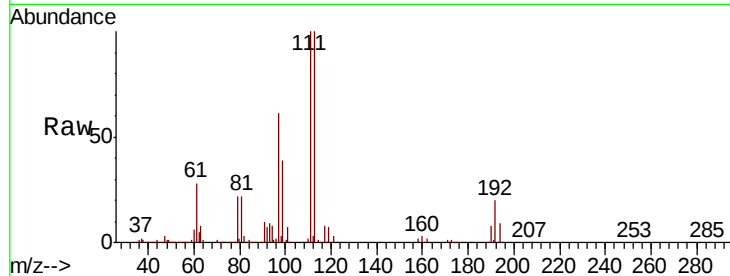
ClientSampleId :

VX0626WBSD01

Tot Ion:	113	Resp:	119345
Ion Ratio	Lower	Upper	
113	100		
111	104.0	84.3	126.5
192	19.4	15.2	22.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.615 ug/l

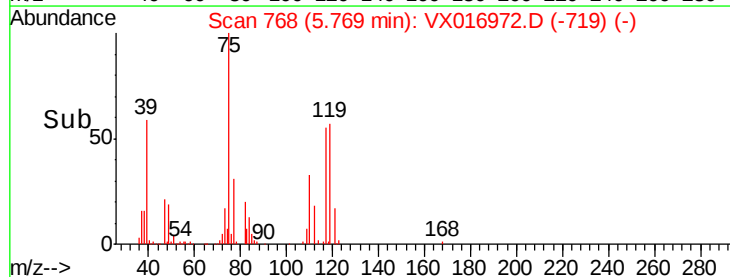
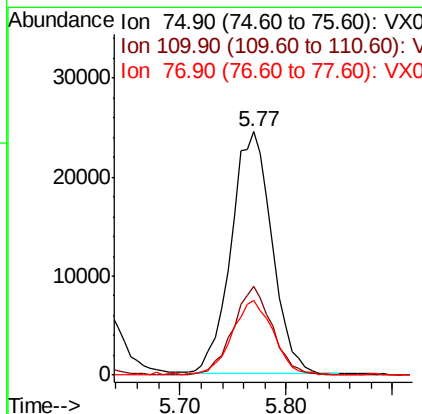
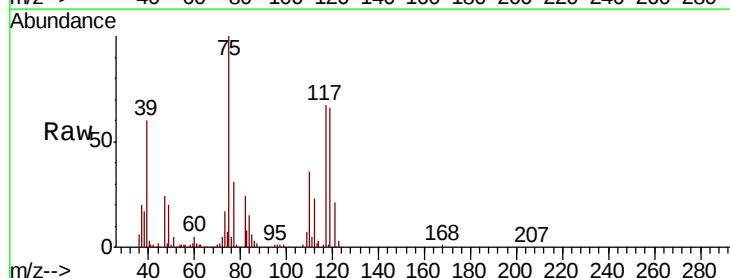
RT: 5.77 min Scan# 768

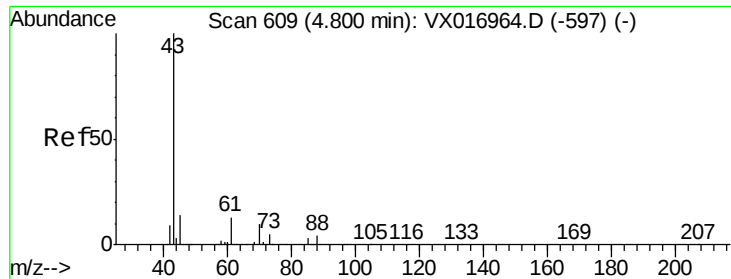
Delta R.T. 0.00 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Tgt Ion:	75	Resp:	65766
Ion Ratio	Lower	Upper	
75	100		
110	35.0	17.2	51.6
77	31.4	24.7	37.1





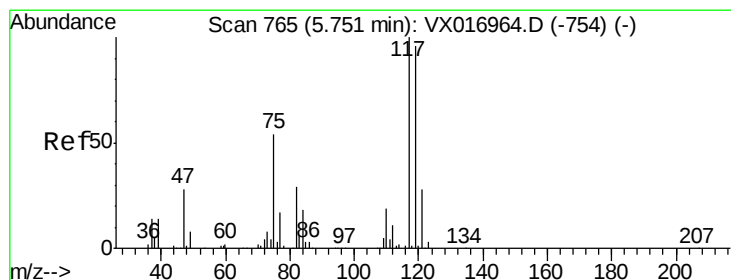
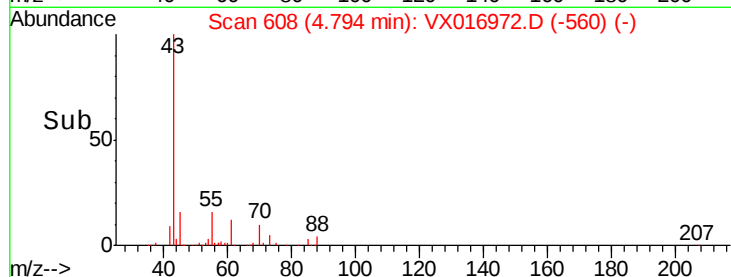
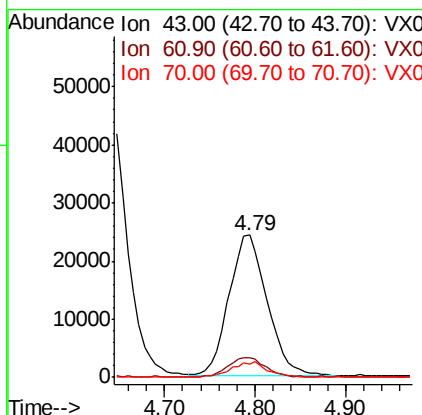
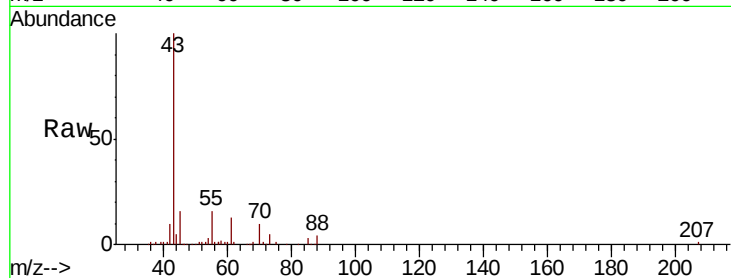
#37
Ethyl Acetate
Concen: 18.745 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.8	16.2
70	10.5	8.0	12.0

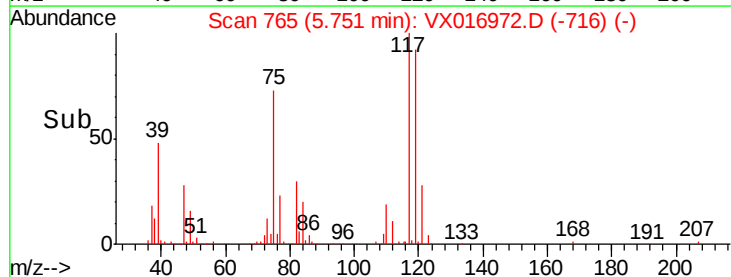
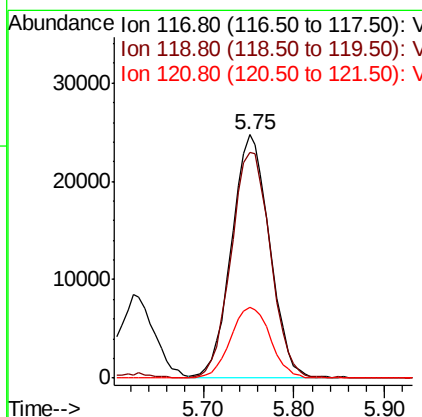
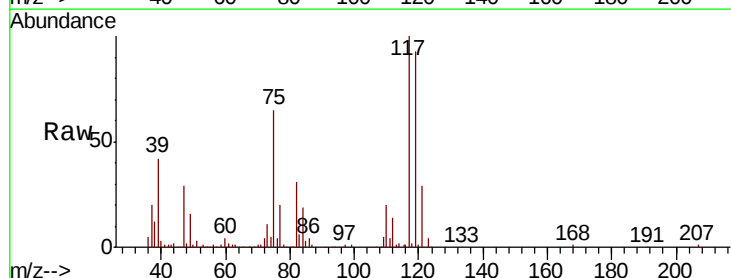
Manual Integrations
APPROVED

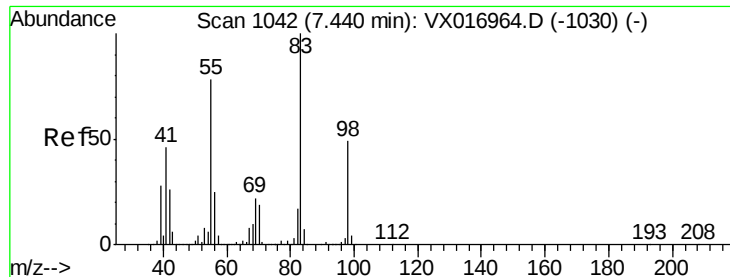
MMDadoda
6/29/2020 12:32:39 PM



#38
Carbon Tetrachloride
Concen: 19.284 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.9	76.6	114.8
121	29.1	22.5	33.7





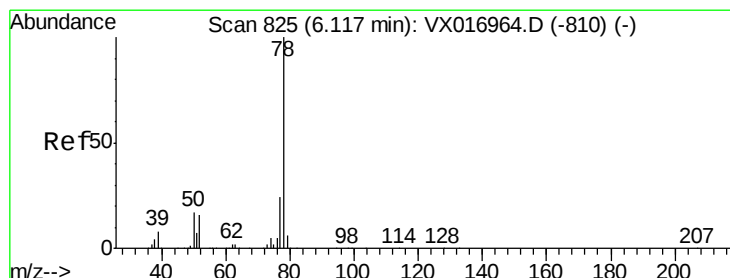
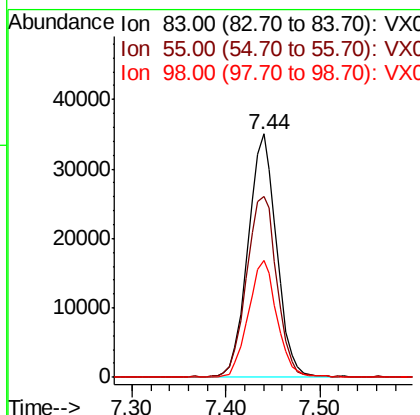
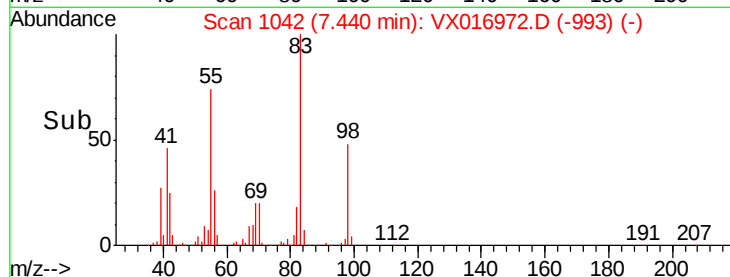
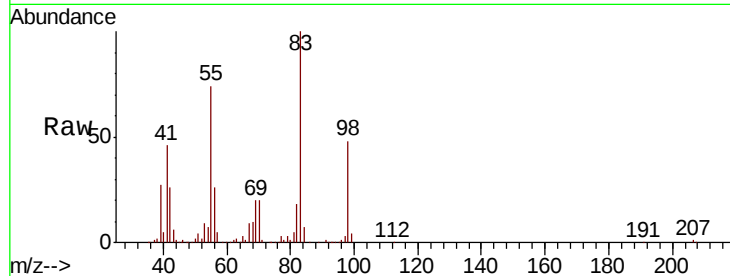
#39
Methylvlcvclohexane
Concen: 19.553 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.8	62.4	93.6
98	48.0	39.4	59.0

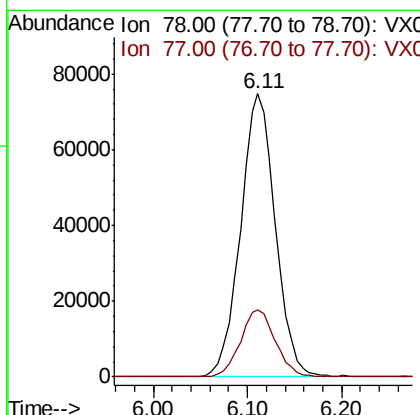
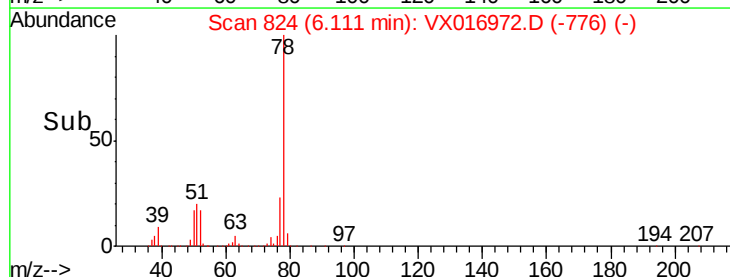
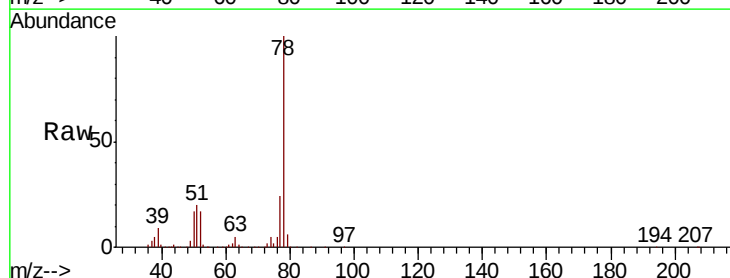
Manual Integrations
APPROVED

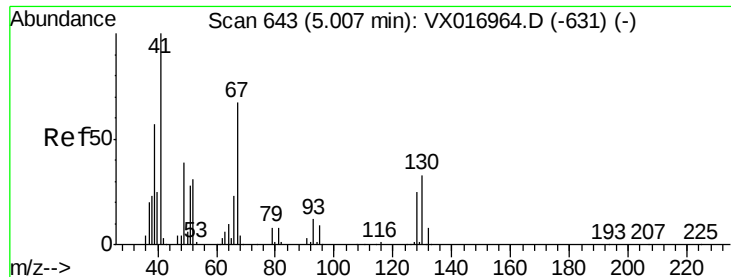
MMDadoda
6/29/2020 12:32:39 PM



#40
Benzene
Concen: 18.877 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.9	28.3





#41

Methacrylonitrile

Concen: 18.790 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.00 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Instrument :

MSVOA_X

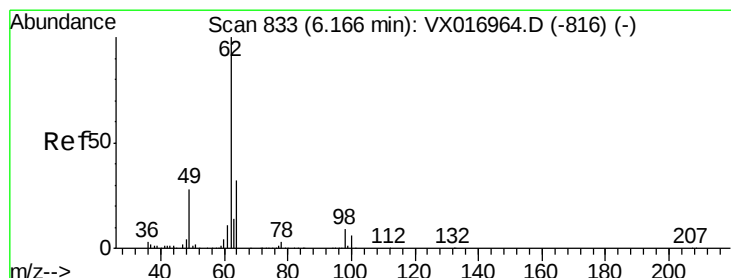
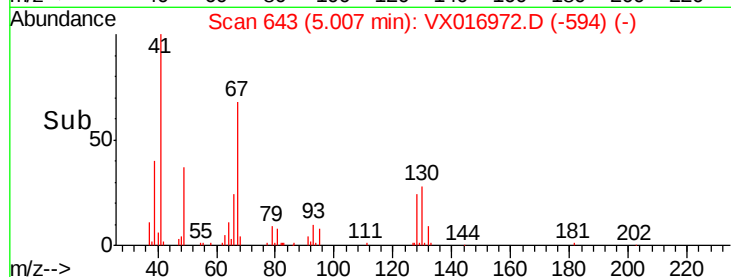
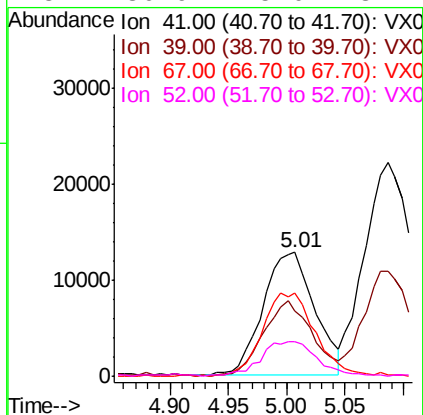
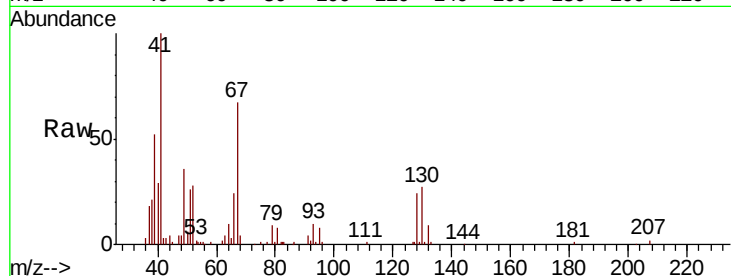
ClientSampleId :

VX0626WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	58.2	46.6	70.0	
67	67.1	57.0	85.6	
52	30.9	25.0	37.4	

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#42

1,2-Dichloroethane

Concen: 19.287 ug/l

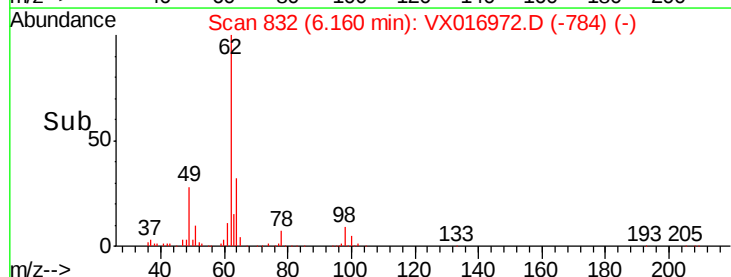
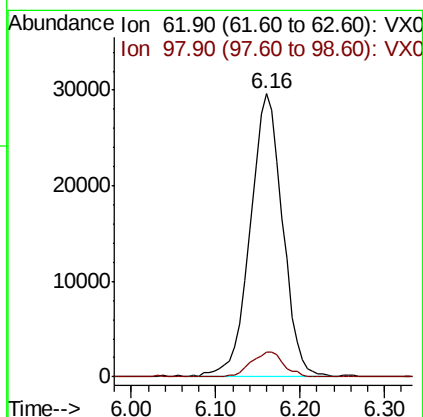
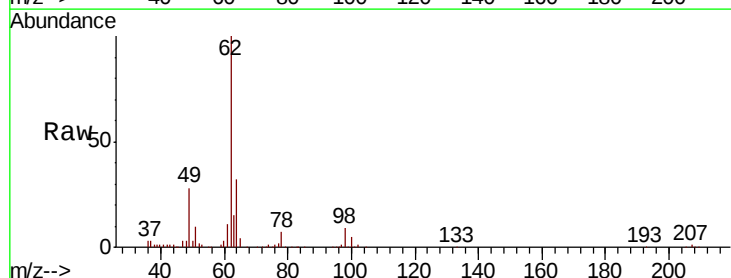
RT: 6.16 min Scan# 832

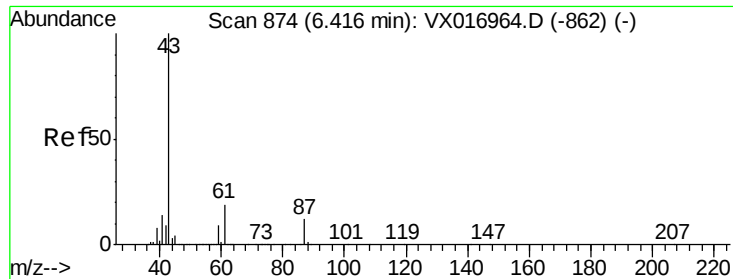
Delta R.T. -0.01 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	0.0	17.2	





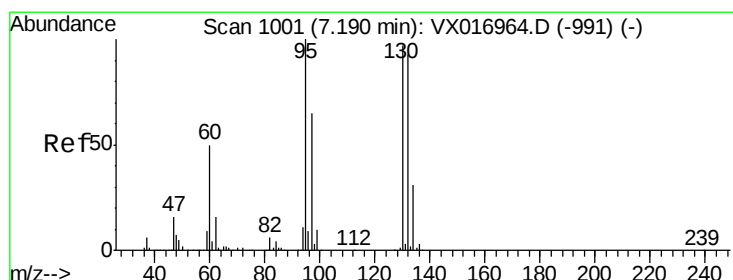
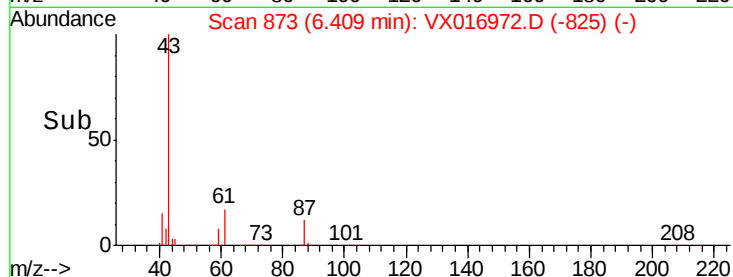
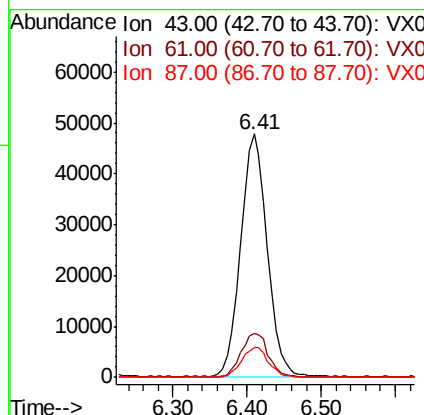
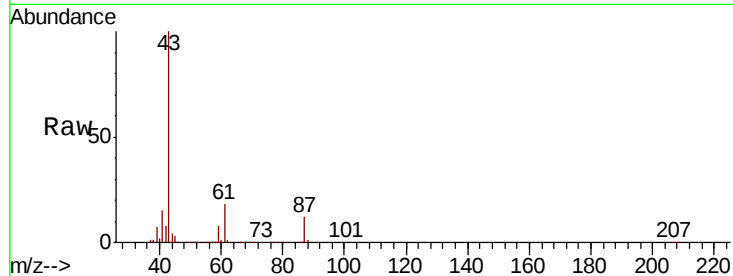
#43
Isopropyl Acetate
Concen: 18.731 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.0	22.6
87	12.7	10.0	15.0

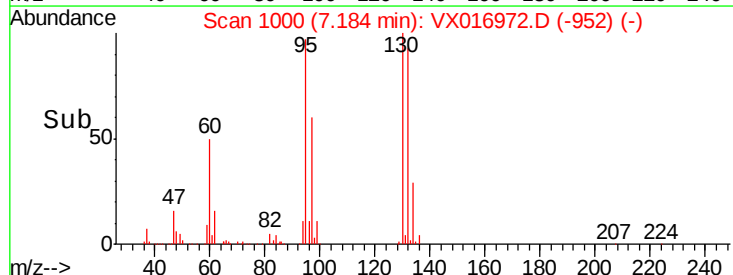
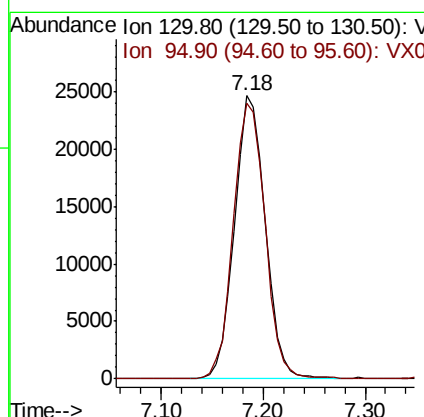
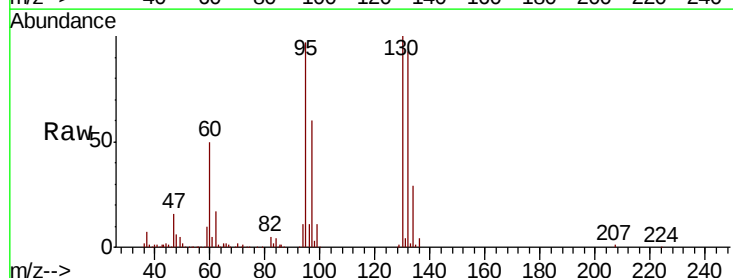
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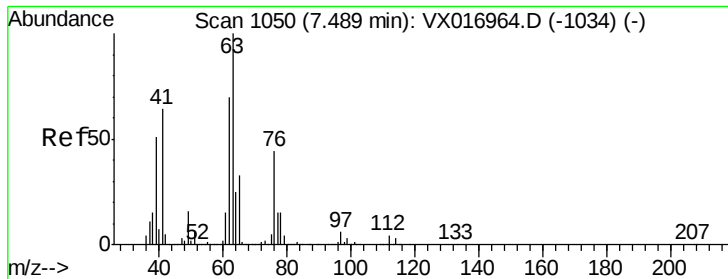
MMDadoda
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#44
Trichloroethene
Concen: 19.033 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	206.6





#45

1,2-Dichloropropane

Concen: 18.855 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBSD01

Tot Ion: 63 Resp: 51283

Ion Ratio Lower Upper

63 100

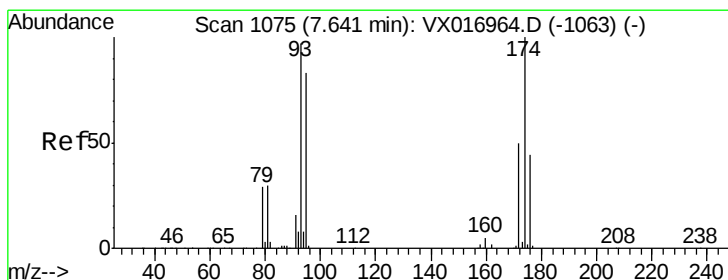
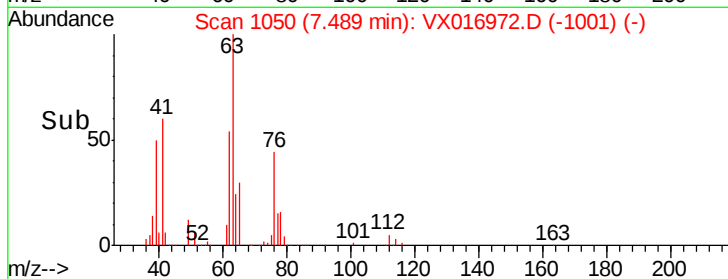
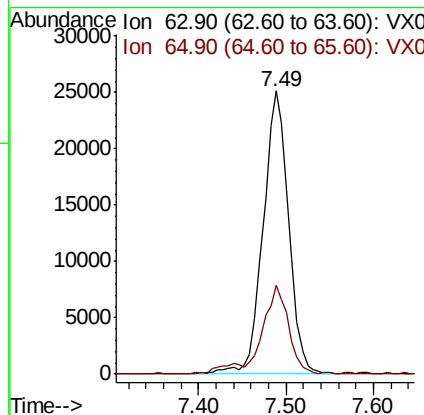
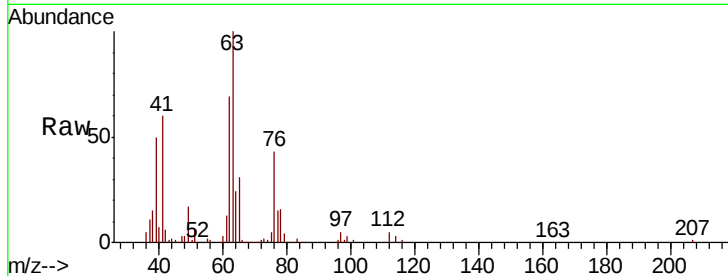
65 31.3 26.1 39.1

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#46

Dibromomethane

Concen: 19.193 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

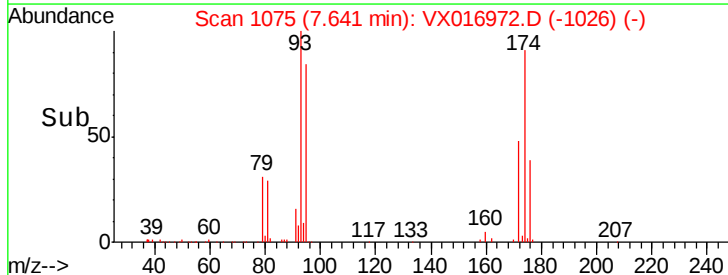
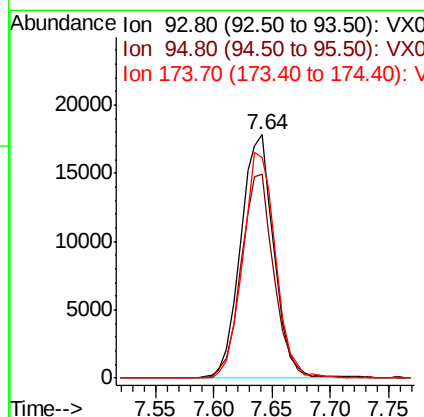
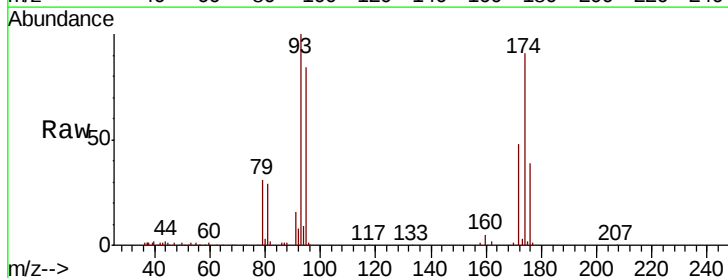
Tgt Ion: 93 Resp: 35464

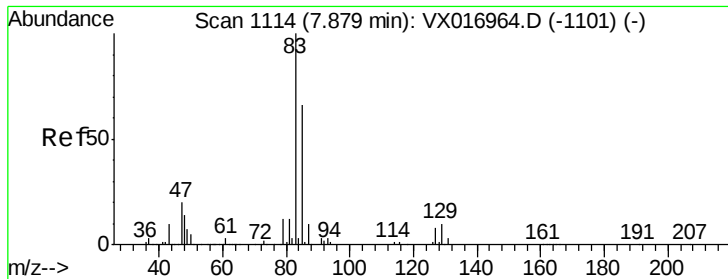
Ion Ratio Lower Upper

93 100

95 83.1 67.5 101.3

174 91.5 75.0 112.4





#47

Bromodichloromethane

Concen: 19.306 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Instrument :

MSVOA_X

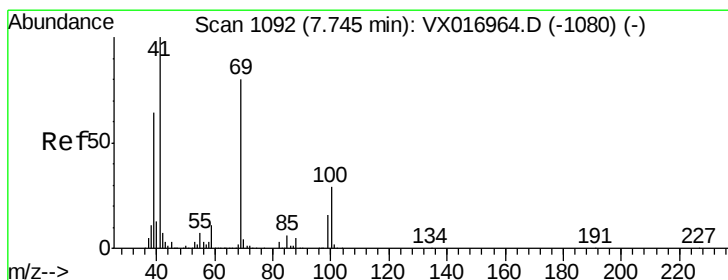
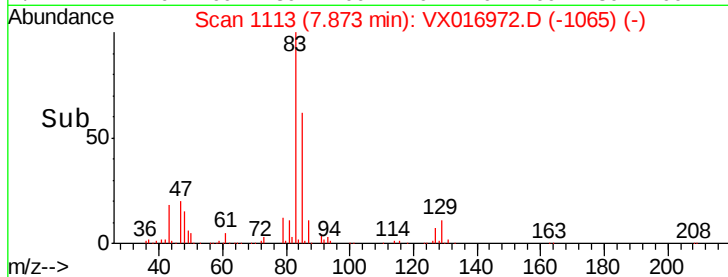
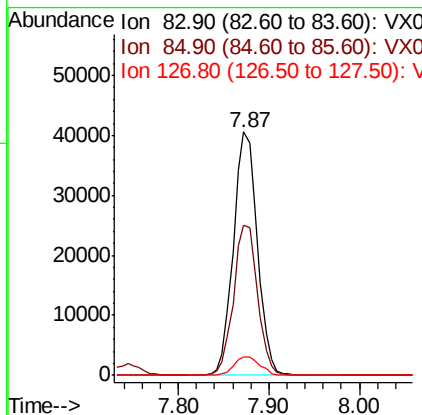
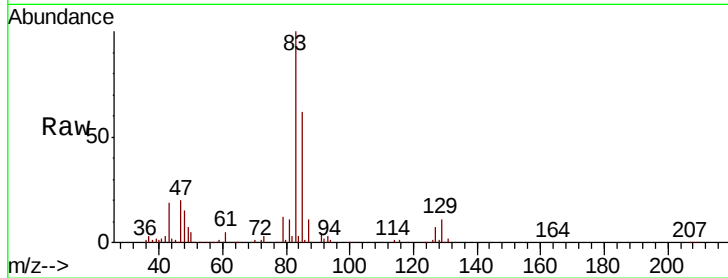
ClientSampleId :

VX0626WBSD01

Tot Ion:	83	Resp:	74613
Ion	Ratio	Lower	Upper
83	100		
85	61.6	53.1	79.7
127	7.4	6.8	10.2

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#48

Methyl methacrylate

Concen: 19.097 ug/l

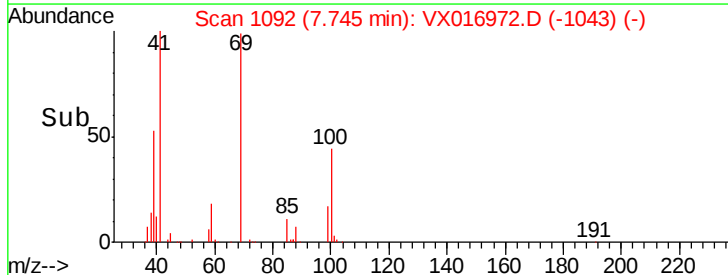
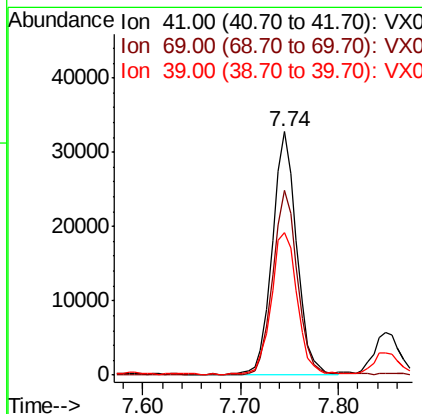
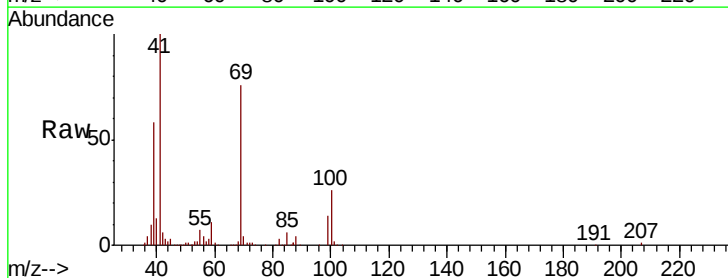
RT: 7.74 min Scan# 1092

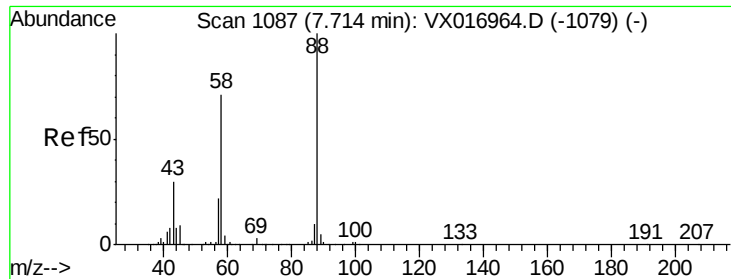
Delta R.T. 0.00 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Tgt Ion:	41	Resp:	56959
Ion	Ratio	Lower	Upper
41	100		
69	77.3	62.7	94.1
39	61.6	49.6	74.4





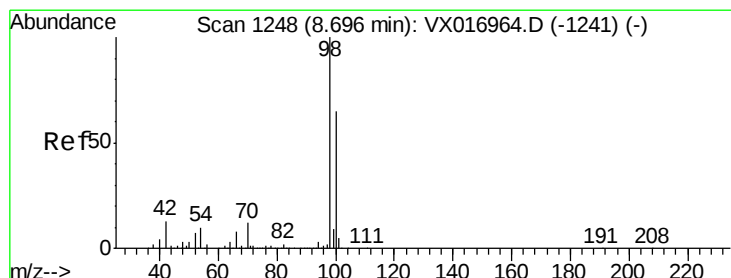
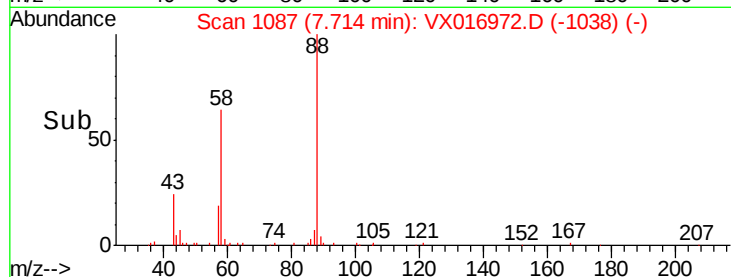
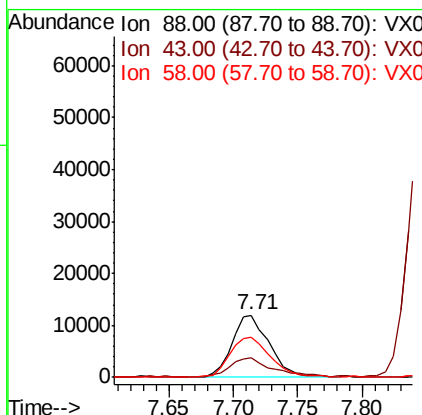
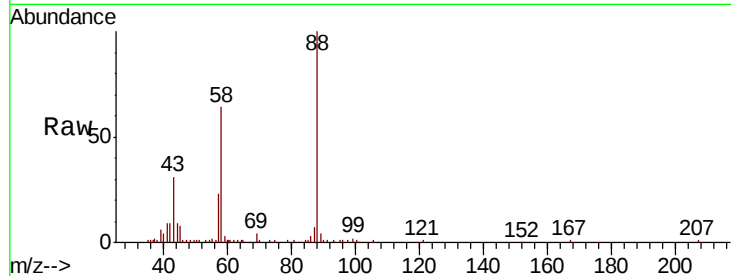
#49
1,4-Dioxane
Concen: 388.836 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.5	28.1	42.1
58	71.4	56.1	84.1

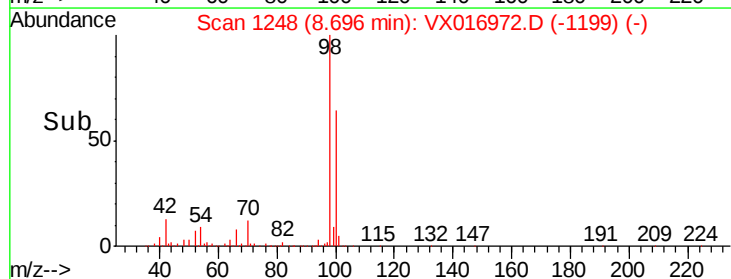
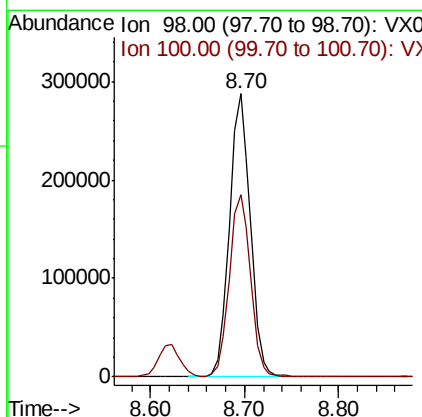
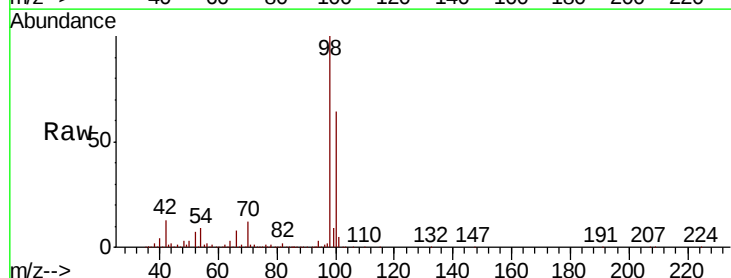
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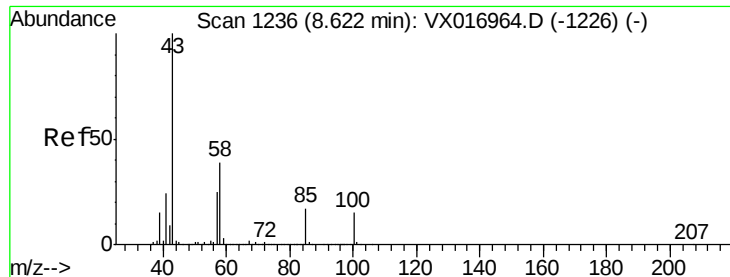
MMDadoda
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#50
Toluene-d8
Concen: 51.138 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 96.475 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBSD01

Tot Ion: 43 Resp: 352669

Ion Ratio Lower Upper

43 100

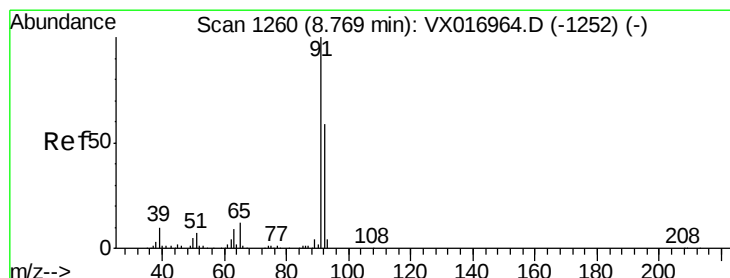
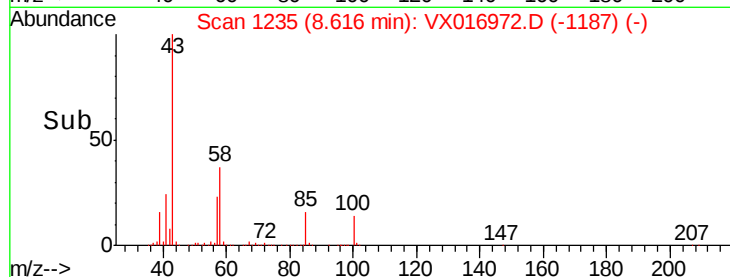
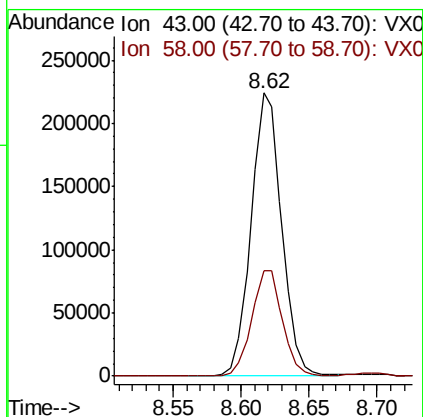
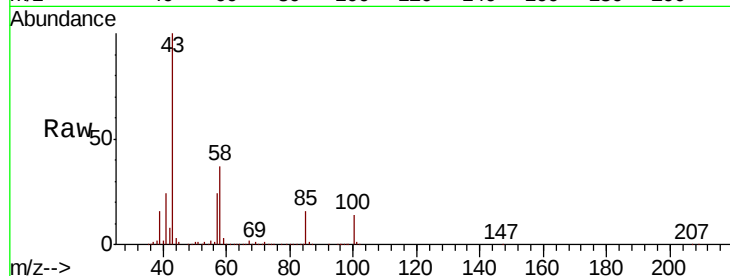
58 37.5 30.4 45.6

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#52

Toluene

Concen: 18.998 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016972.D

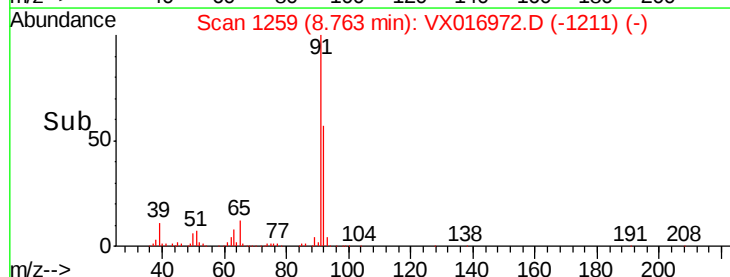
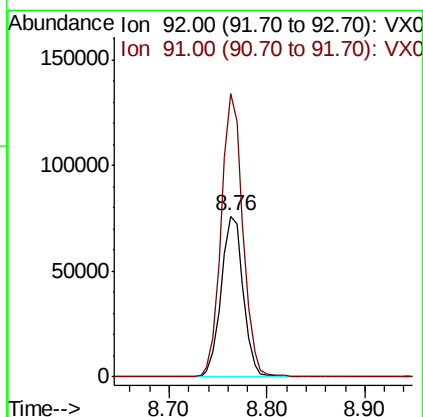
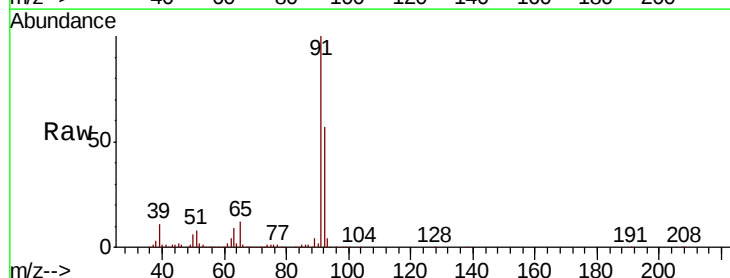
Acq: 26 Jun 2020 10:56

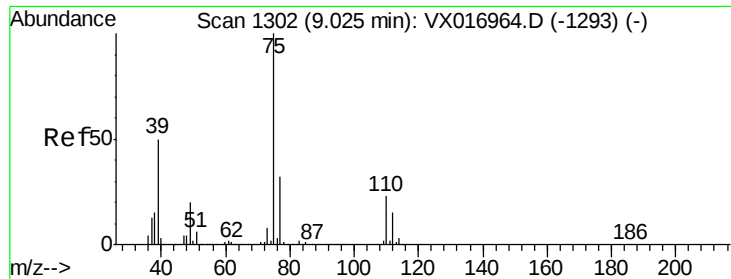
Tgt Ion: 92 Resp: 119133

Ion Ratio Lower Upper

92 100

91 172.6 136.7 205.1





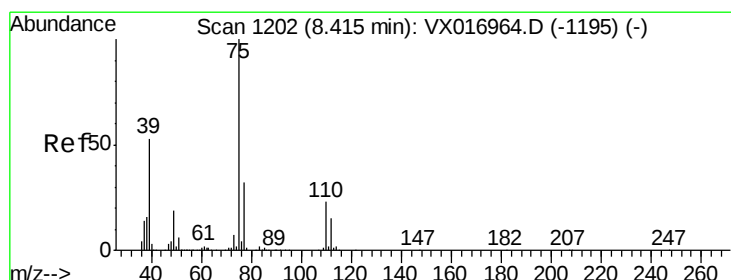
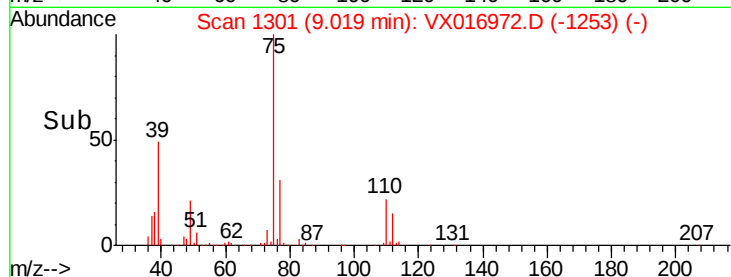
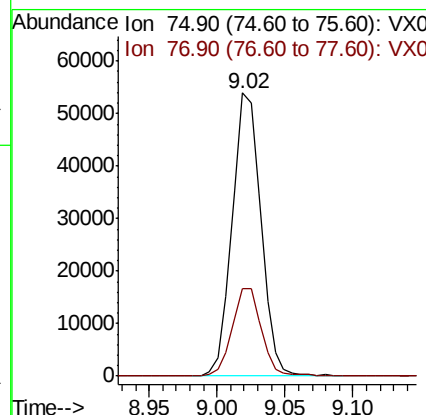
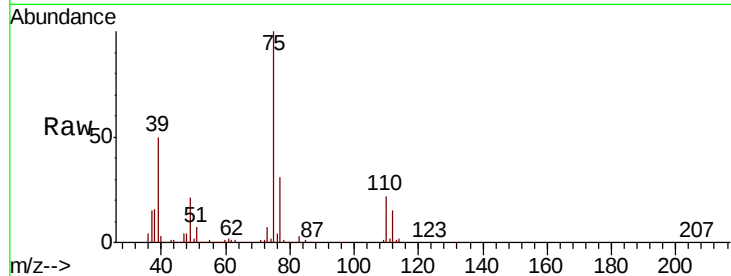
#53
t-1,3-Dichloropropene
Concen: 19.241 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBSD01

Tot Ion: 75 Resp: 79633
Ion Ratio Lower Upper
75 100
77 30.7 25.8 38.6

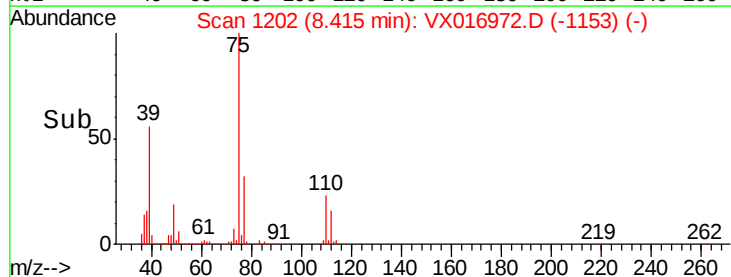
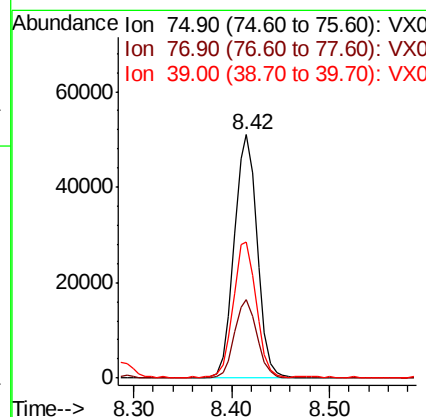
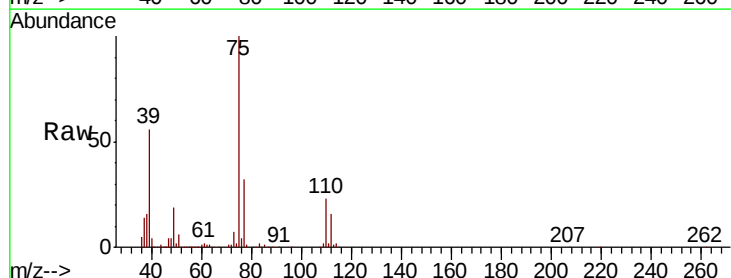
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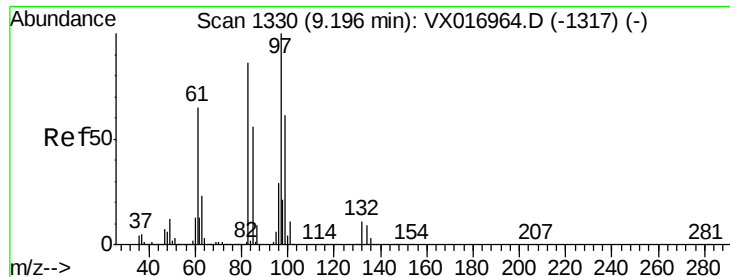
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#54
cis-1,3-Dichloropropene
Concen: 19.151 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Tgt Ion: 75 Resp: 83321
Ion Ratio Lower Upper
75 100
77 32.5 25.7 38.5
39 55.9 42.7 64.1





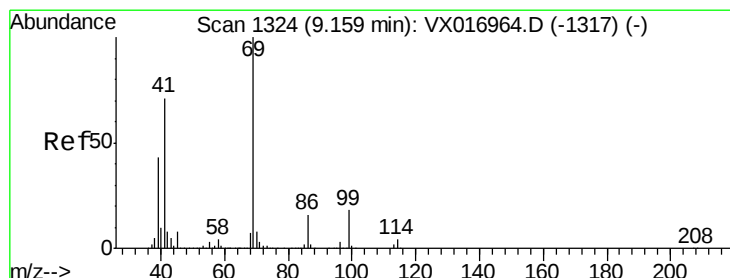
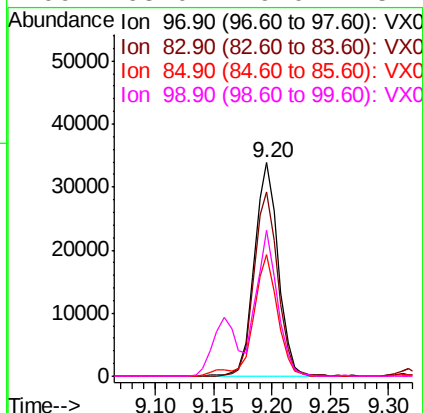
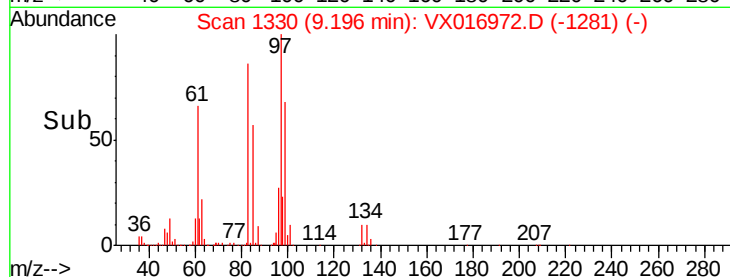
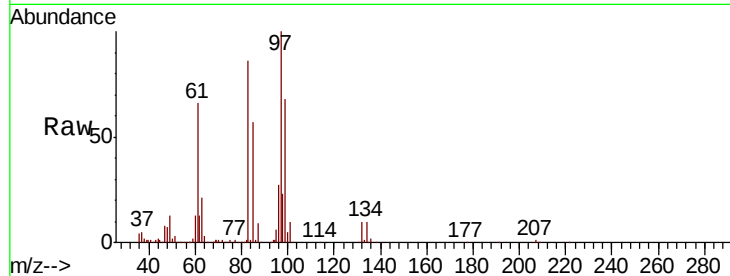
#55
 1,1,2-Trichloroethane
 Concen: 18.886 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016972.D
 Acq: 26 Jun 2020 10:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBSD01

Tot Ion:	97	Resp:	48663
Ion	Ratio	Lower	Upper
97	100		
83	86.0	68.6	103.0
85	56.9	44.5	66.7
99	68.0	49.0	73.4

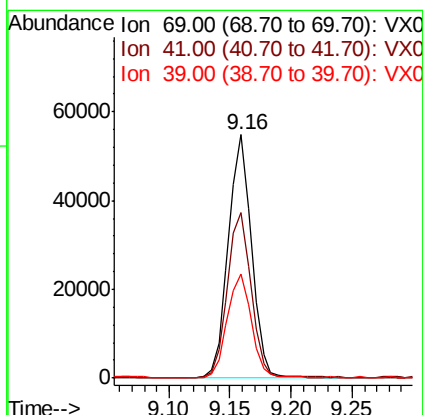
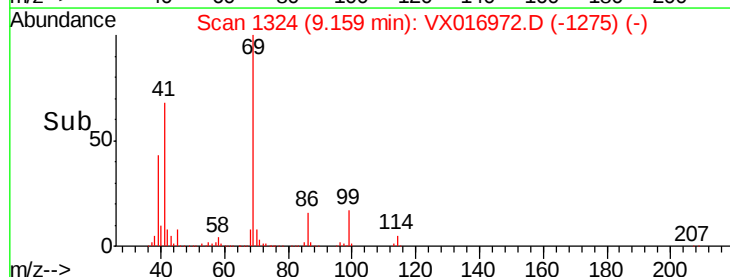
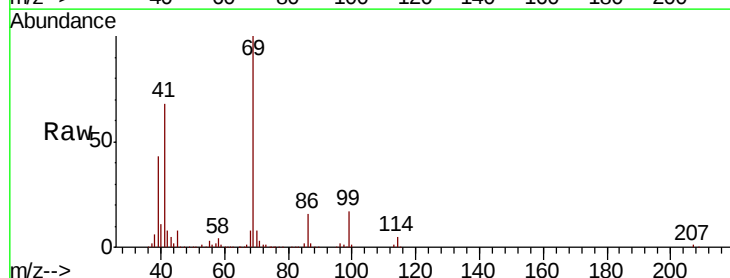
Manual Integrations
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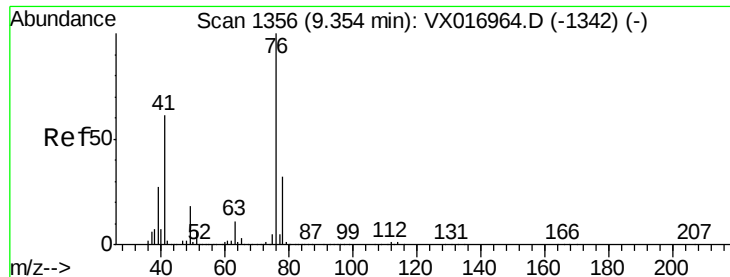
MMDadoda
 6/29/2020 12:32:39 PM



#56
 Ethyl methacrylate
 Concen: 18.531 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016972.D
 Acq: 26 Jun 2020 10:56

Tgt Ion:	69	Resp:	71563
Ion	Ratio	Lower	Upper
69	100		
41	68.7	55.9	83.9
39	44.7	34.6	51.8





#57

1,3-Dichloropropane

Concen: 19.307 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBSD01

Tot Ion: 76 Resp: 85162

Ion Ratio Lower Upper

76 100

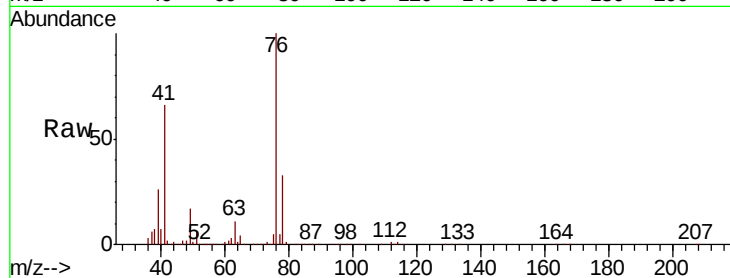
78 33.2 26.0 39.0

Manual Integrations

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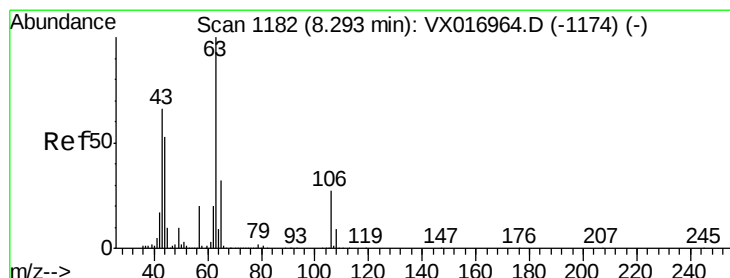
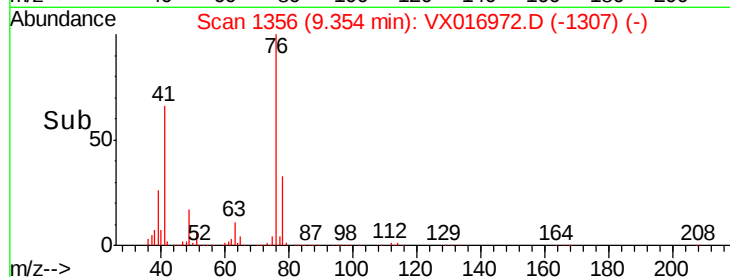
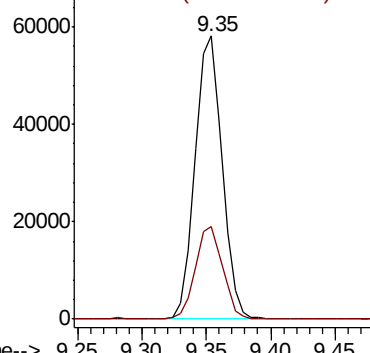
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 99.237 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016972.D

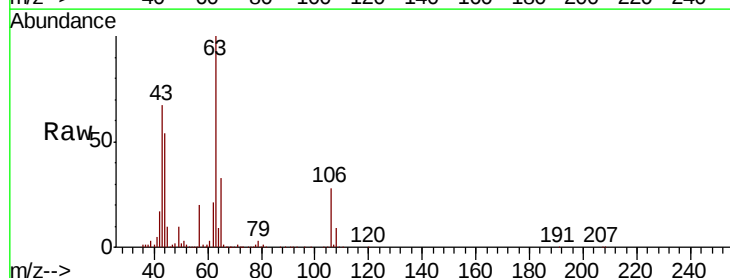
Acq: 26 Jun 2020 10:56

Tgt Ion: 63 Resp: 197991

Ion Ratio Lower Upper

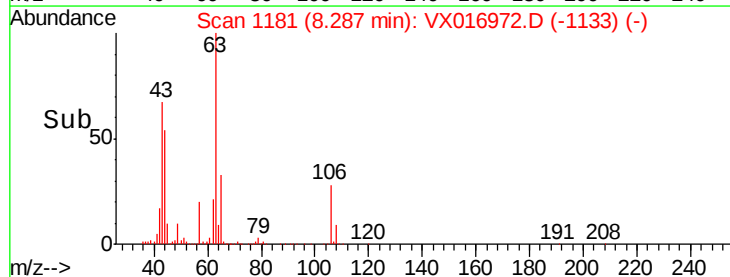
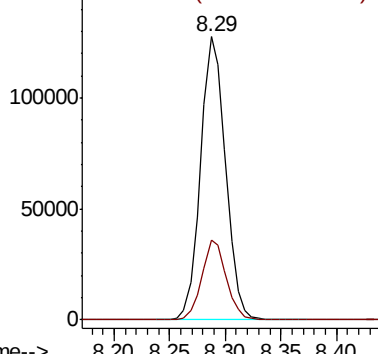
63 100

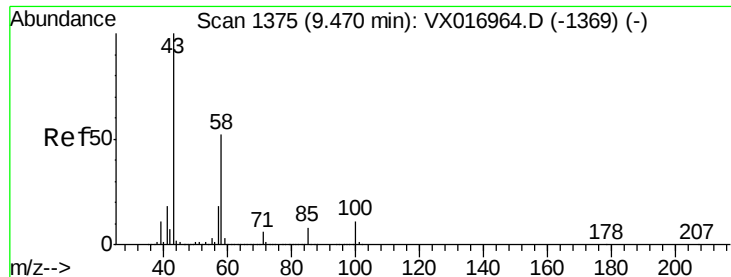
106 27.6 22.1 33.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





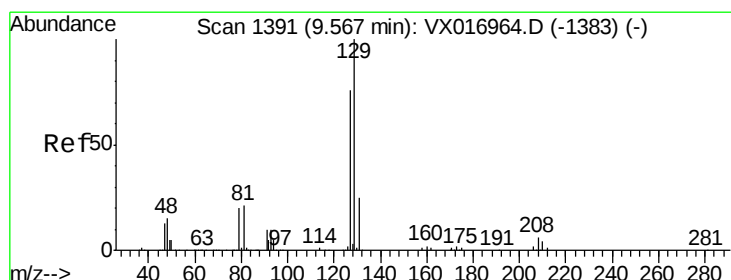
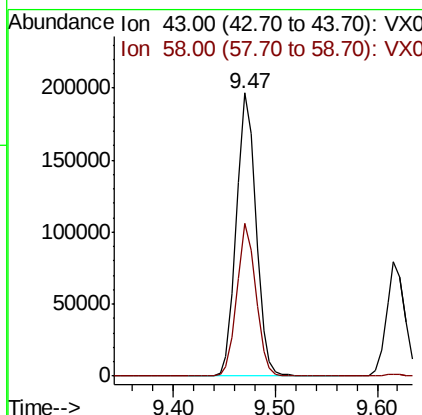
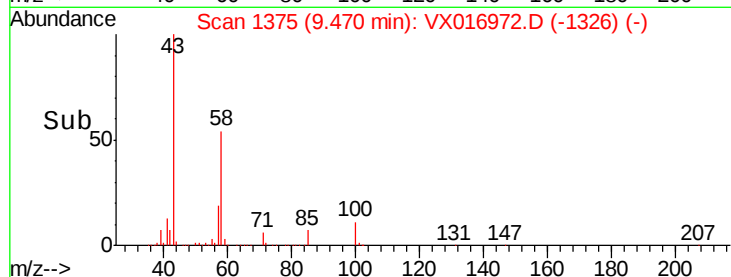
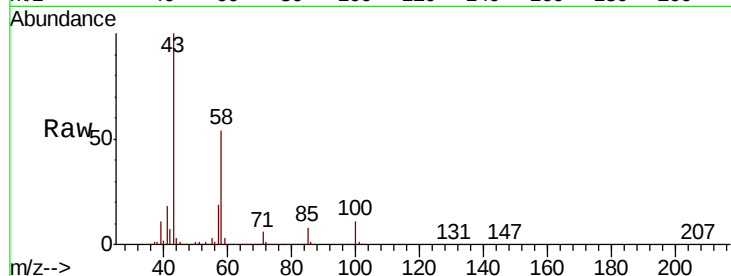
#59
2-Hexanone
Concen: 94.413 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBSD01

Tot Ion: 43 Resp: 259638
Ion Ratio Lower Upper
43 100
58 52.5 26.3 78.9

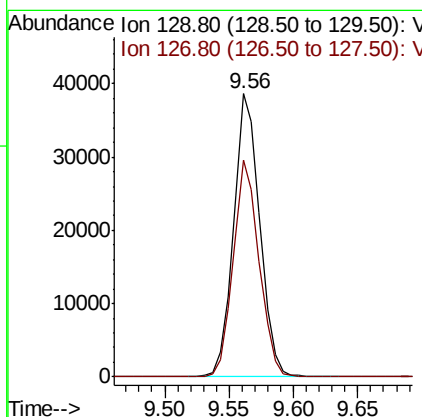
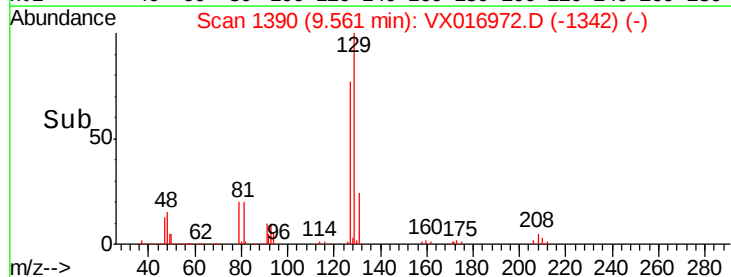
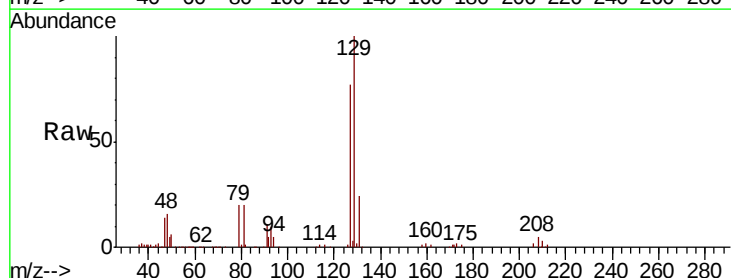
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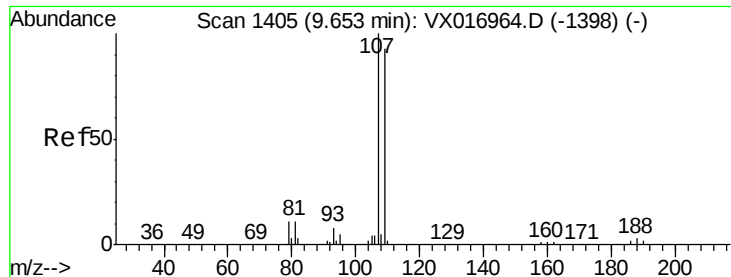
MMDadoda
6/29/2020 12:32:39 PM



#60
Dibromochloromethane
Concen: 18.609 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Tgt Ion: 129 Resp: 54660
Ion Ratio Lower Upper
129 100
127 75.7 38.0 114.0





#61

1,2-Dibromoethane

Concen: 18.775 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBSD01

Tot Ion:107 Resp: 51651

Ion Ratio Lower Upper

107 100

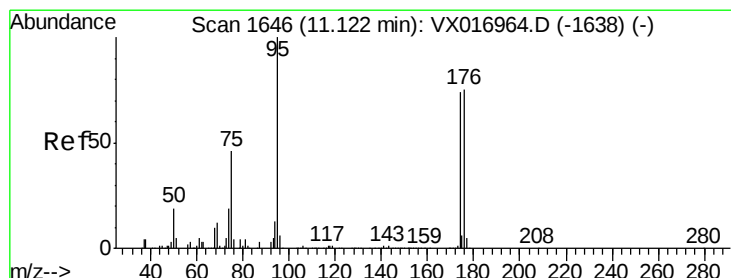
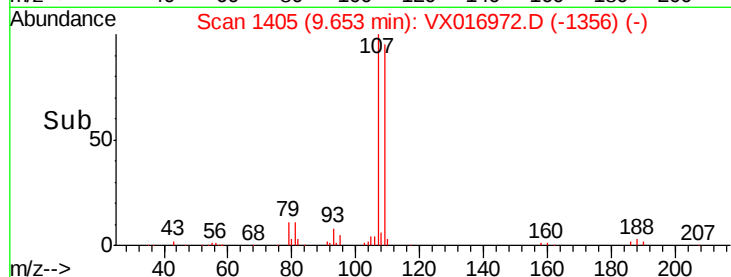
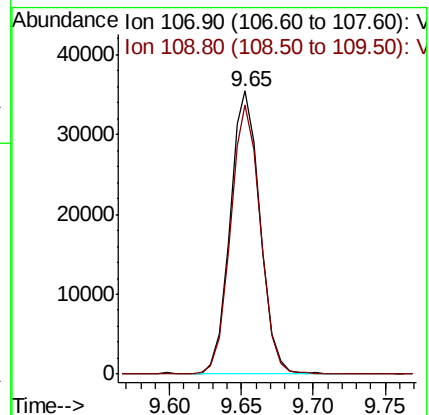
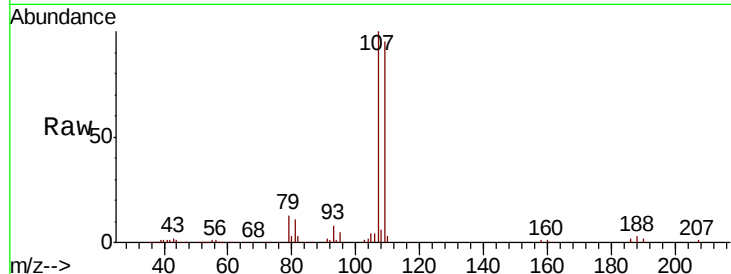
109 94.5 75.0 112.6

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 48.584 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

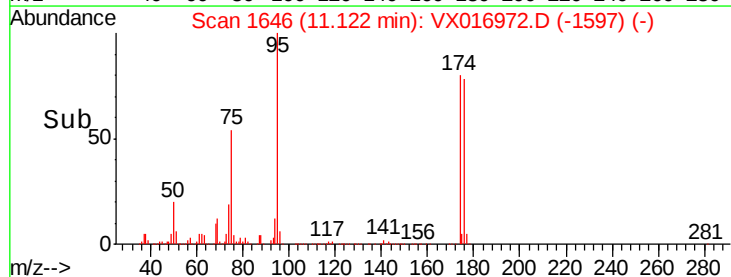
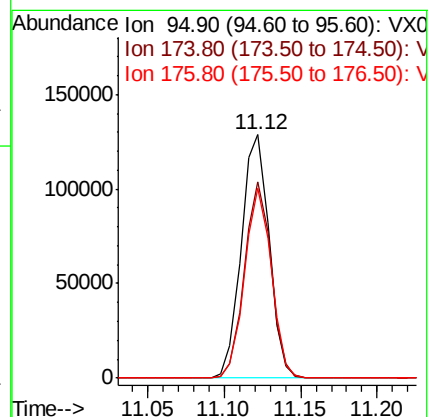
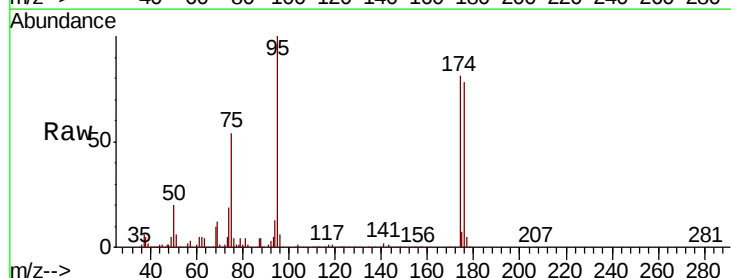
Tgt Ion: 95 Resp: 162287

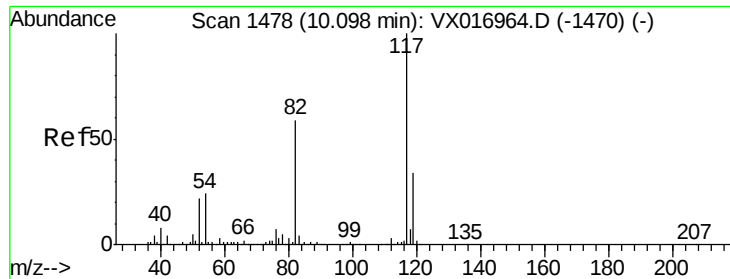
Ion Ratio Lower Upper

95 100

174 77.4 0.0 149.6

176 75.2 0.0 148.2





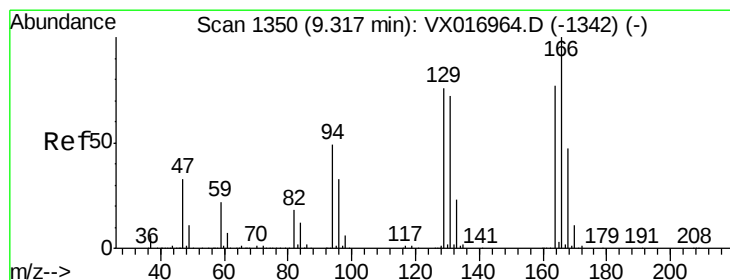
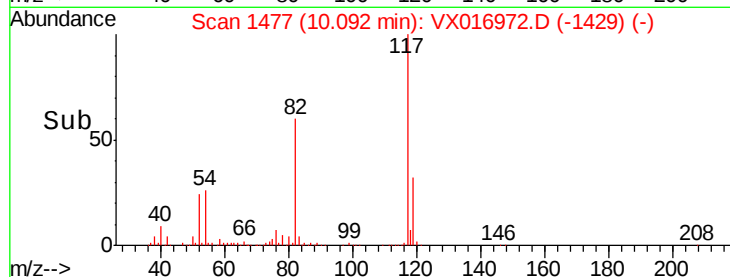
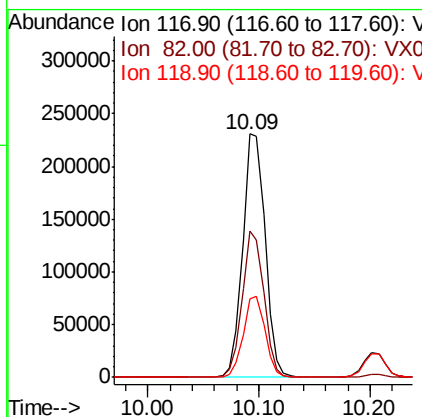
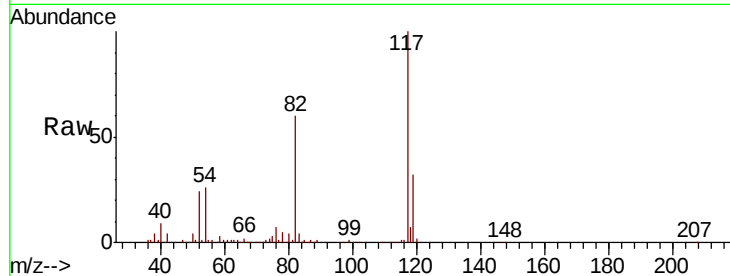
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.1	46.8	70.2
119	32.3	27.3	40.9

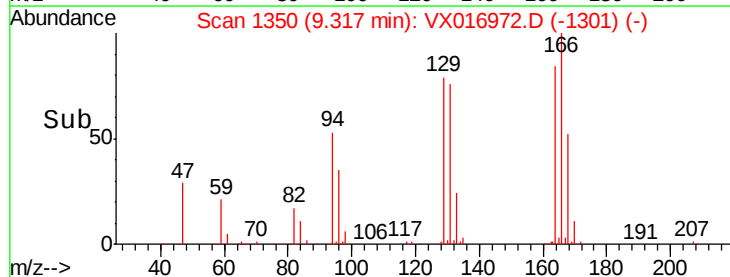
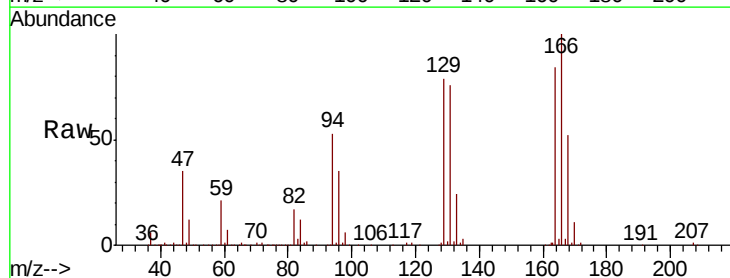
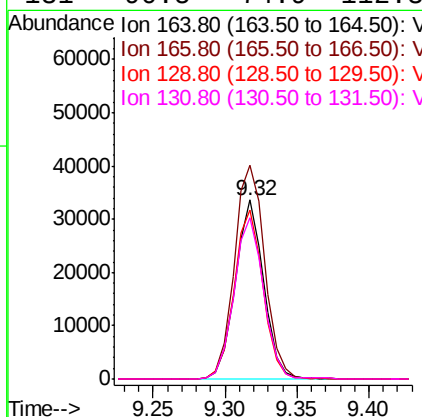
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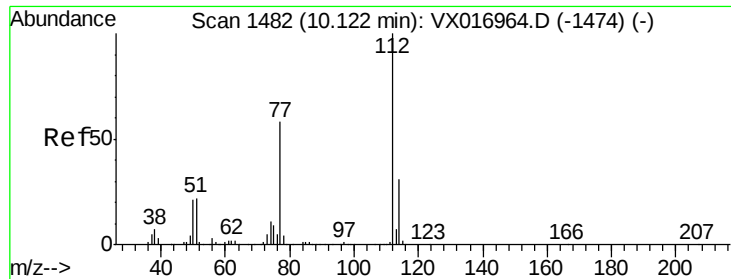
MMDadoda
6/29/2020 12:32:39 PM



#64
Tetrachloroethene
Concen: 20.989 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.5	104.2	156.4
129	94.7	79.3	118.9
131	90.5	74.9	112.3





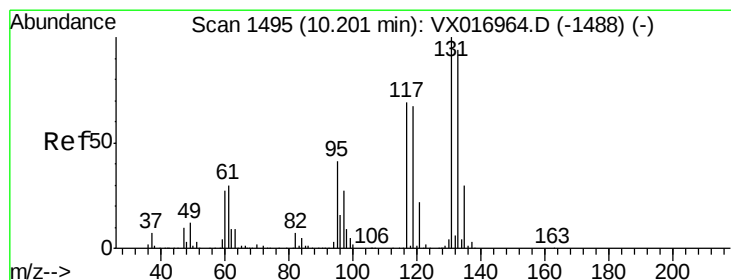
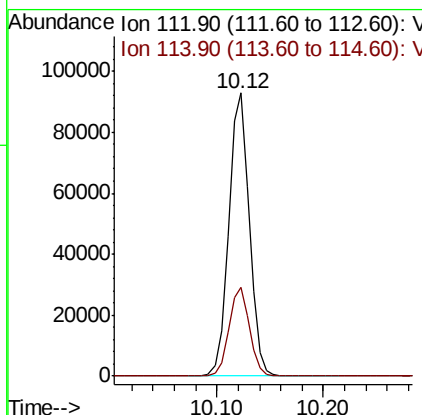
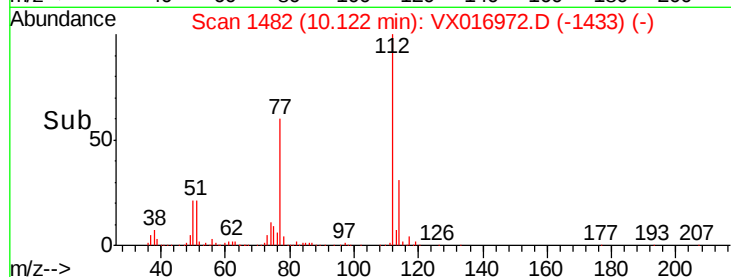
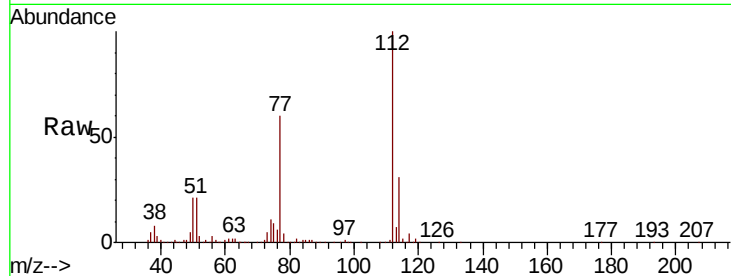
#65
Chlorobenzene
Concen: 18.927 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBSD01

Tot Ion:112 Resp: 125271
Ion Ratio Lower Upper
112 100
114 31.5 24.8 37.2

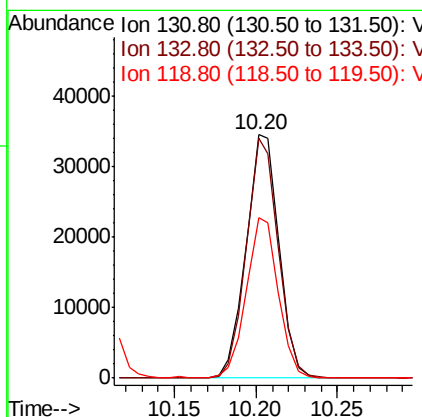
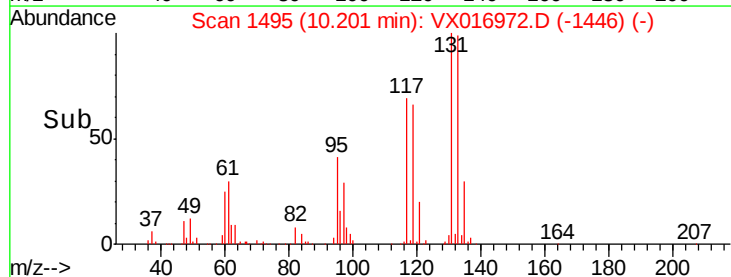
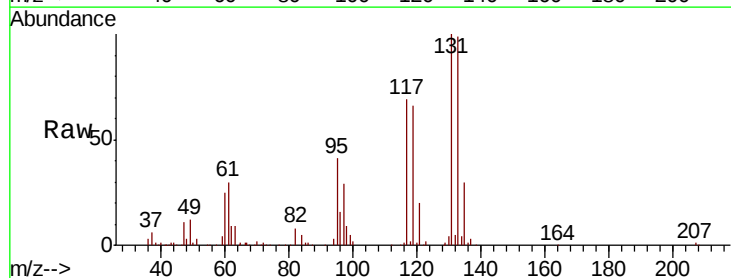
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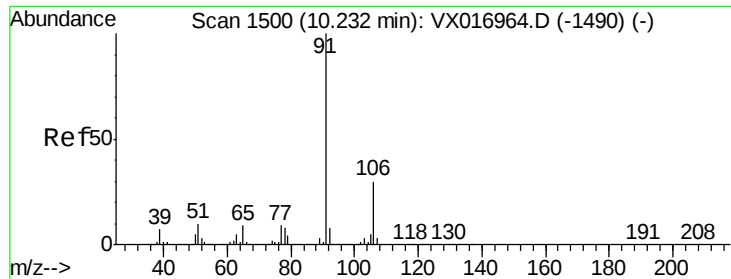
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.689 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Tgt Ion:131 Resp: 48429
Ion Ratio Lower Upper
131 100
133 95.6 48.0 144.0
119 64.3 32.8 98.4





#67

Ethyl Benzene

Concen: 19.347 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBSD01

Tot Ion: 91 Resp: 224777

Ion Ratio Lower Upper

91 100

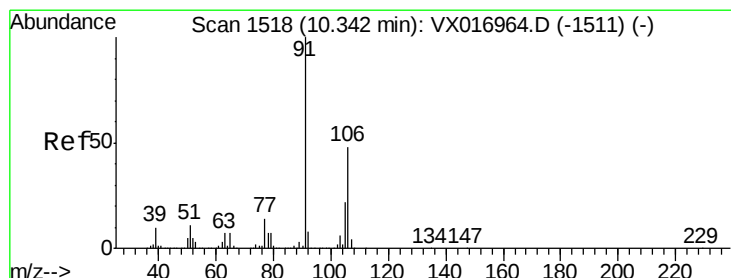
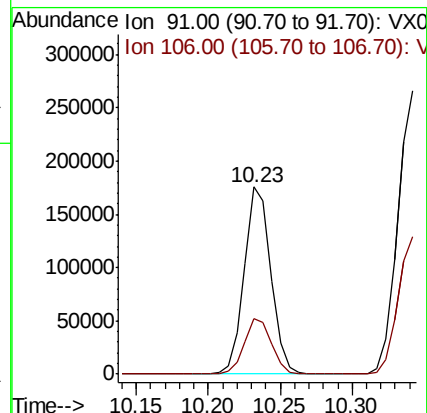
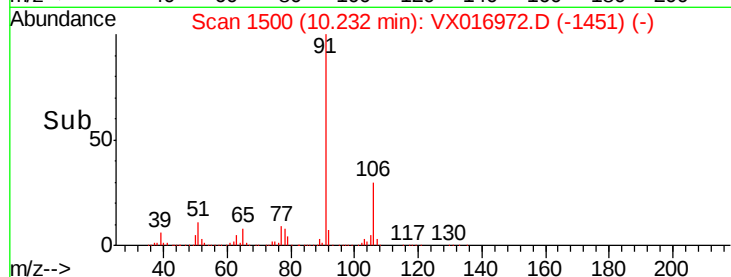
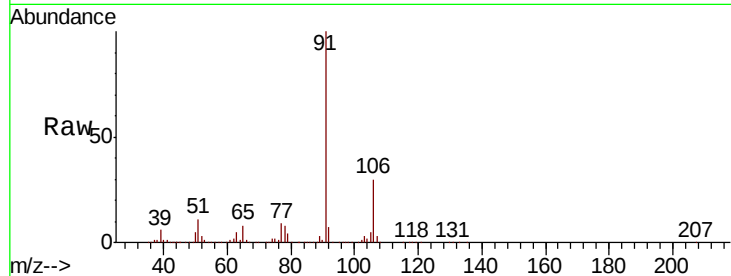
106 29.7 24.1 36.1

Manual Integrations

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#68

m/p-Xylenes

Concen: 39.271 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016972.D

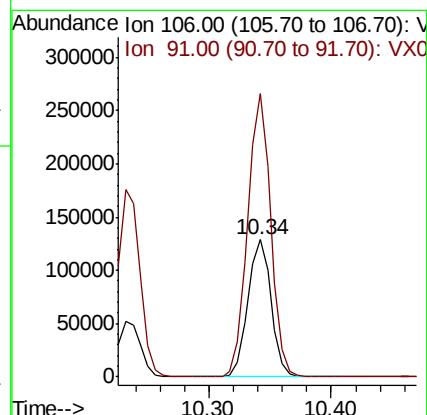
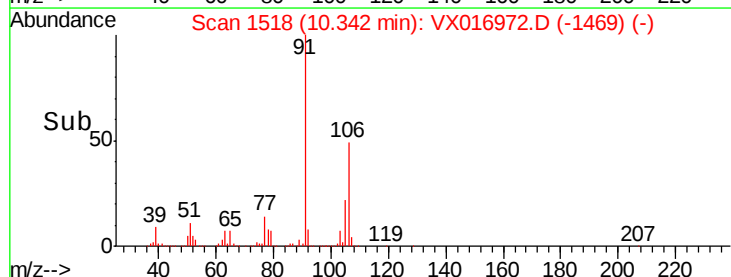
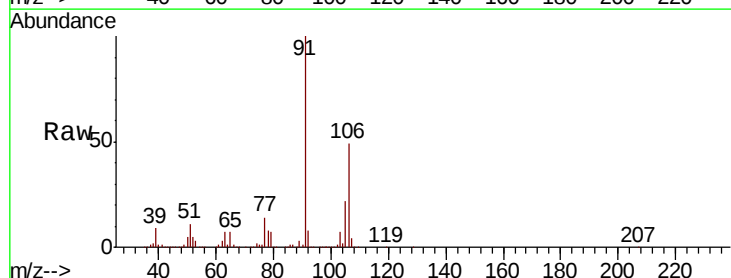
Acq: 26 Jun 2020 10:56

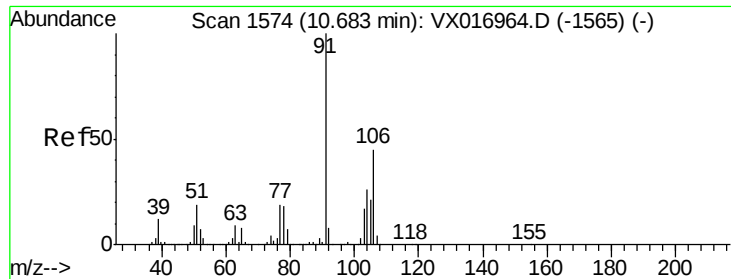
Tgt Ion: 106 Resp: 169505

Ion Ratio Lower Upper

106 100

91 204.6 164.1 246.1





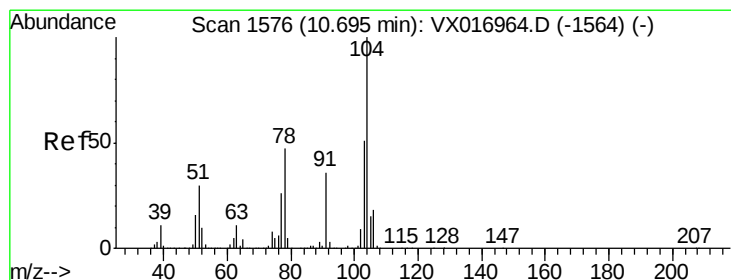
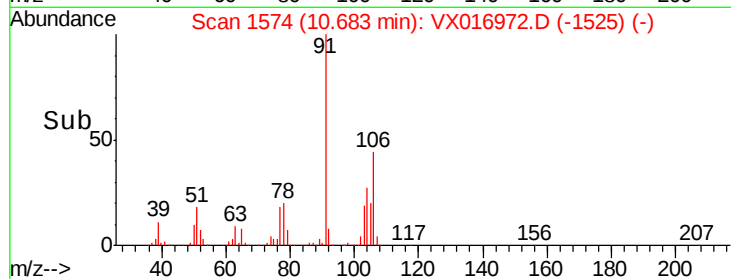
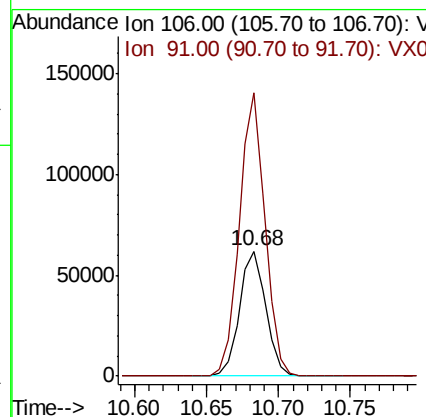
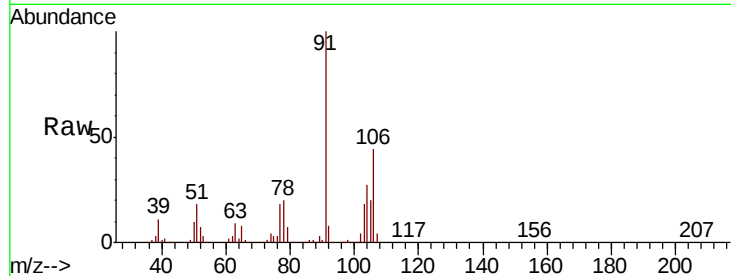
#69
o-Xylene
Concen: 19.169 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		78937		
91	221.1	109.1	327.2		

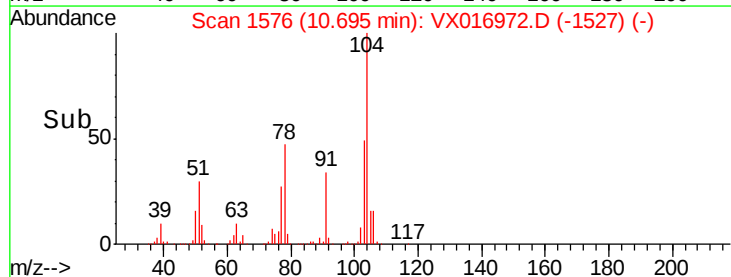
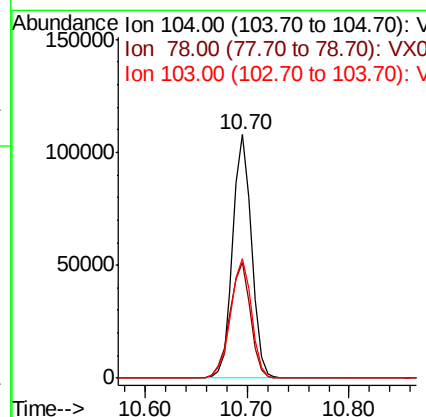
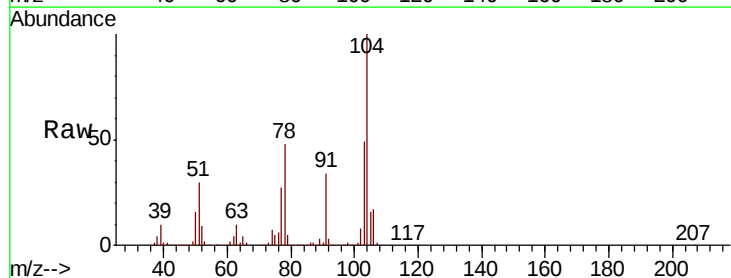
Manual Integrations
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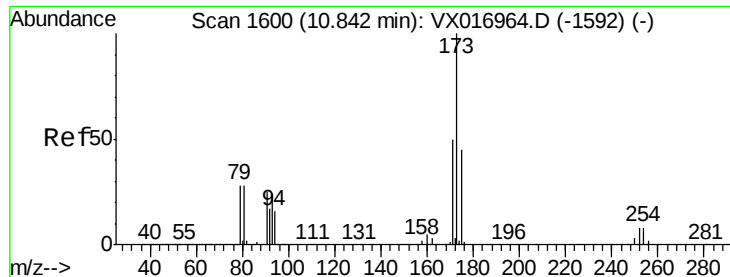
MMDadoda
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#70
Styrene
Concen: 19.617 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		137609		
78	52.5	41.9	62.9		
103	54.2	43.9	65.9		





#71

Bromoform

Concen: 18.394 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBSD01

Tot Ion:173 Resp: 35974

Ion Ratio Lower Upper

173 100

175 50.9 23.4 70.2

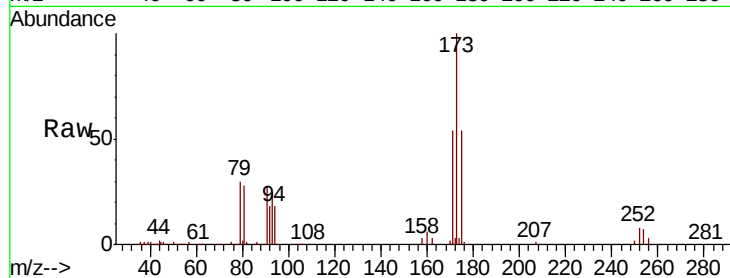
254 0.0 0.0 0.0

Manual Integrations

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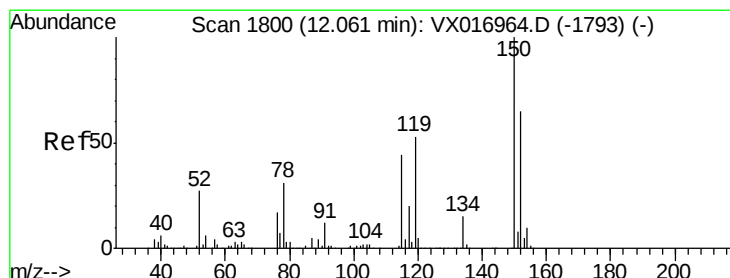
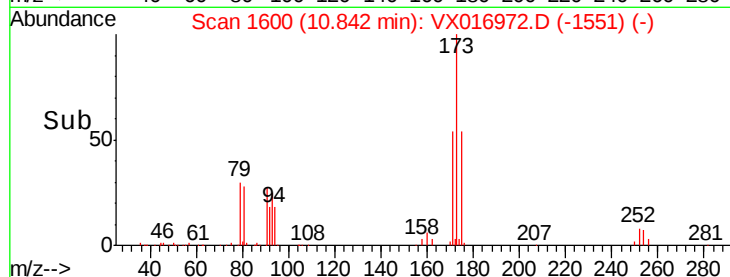
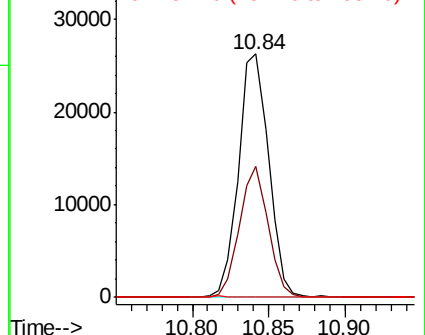
6/29/2020 12:32:39 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

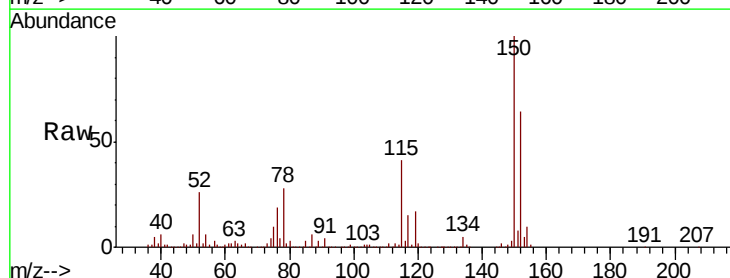
Tgt Ion:152 Resp: 162292

Ion Ratio Lower Upper

152 100

115 70.9 42.8 128.4

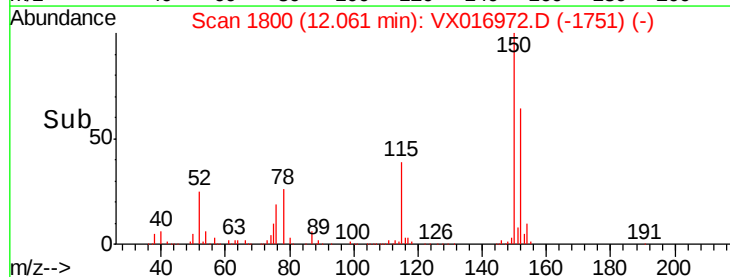
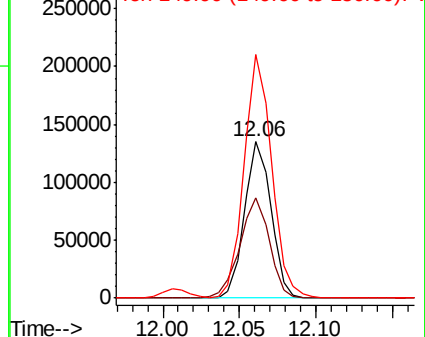
150 162.1 0.0 347.8

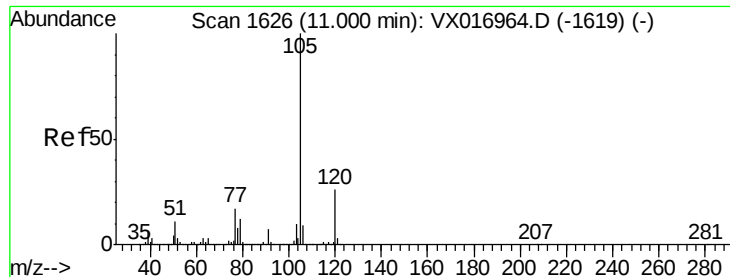


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.247 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBSD01

Tot Ion: 105 Resp: 215074

Ion Ratio Lower Upper

105 100

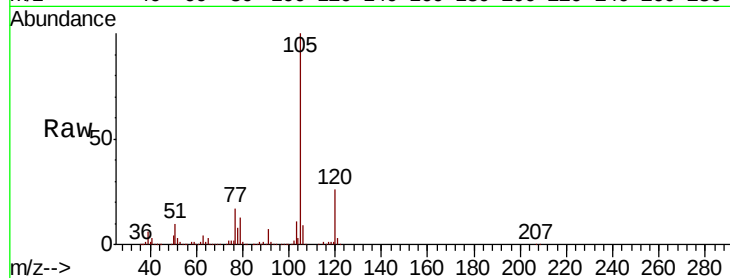
120 26.6 13.1 39.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

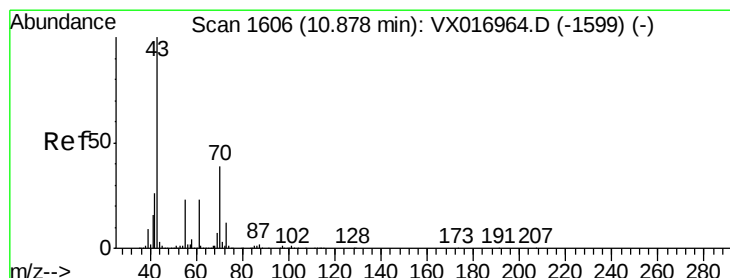
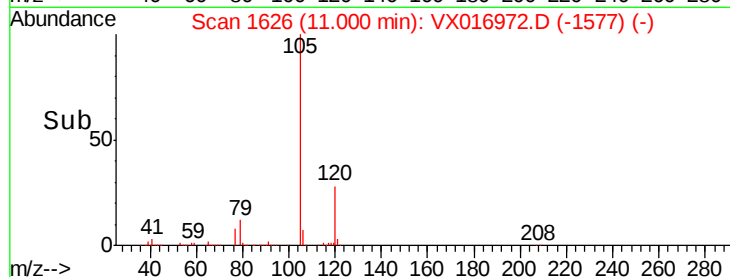
150000

100000

50000

0

Time--> 10.90 11.00



#74

N-ethyl acetate

Concen: 19.381 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Tgt Ion: 43 Resp: 102128

Ion Ratio Lower Upper

43 100

70 40.1 32.1 48.1

55 22.7 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

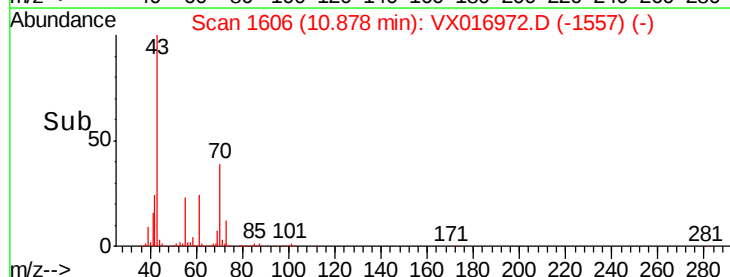
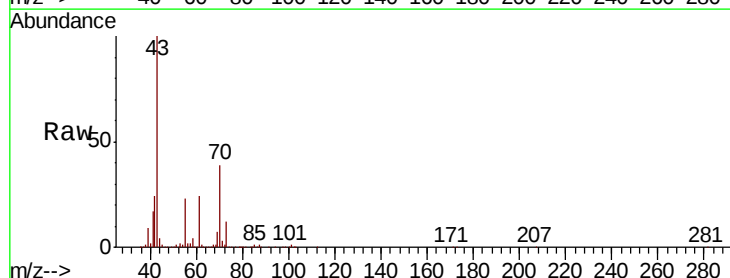
Ion 61.00 (60.70 to 61.70): VX0

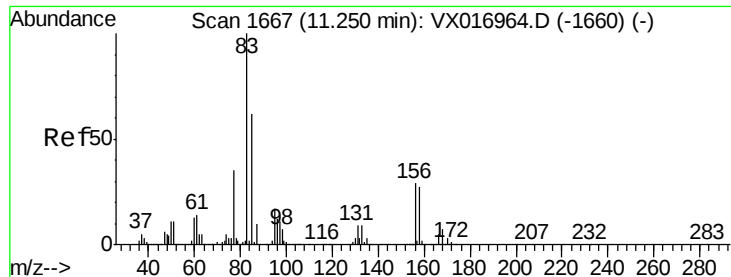
100000

50000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 18.545 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Instrument :

MSVOA_X

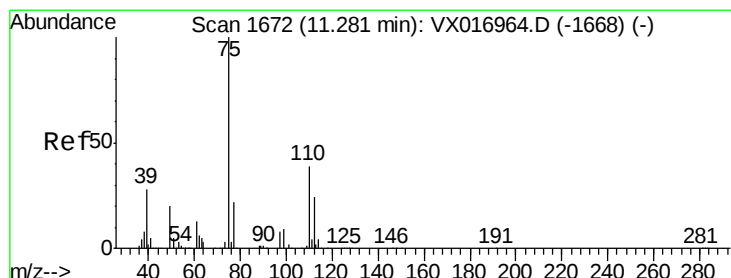
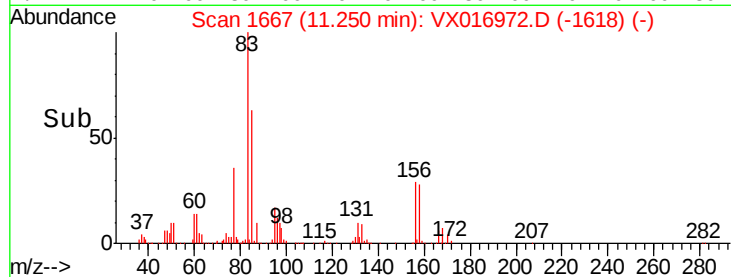
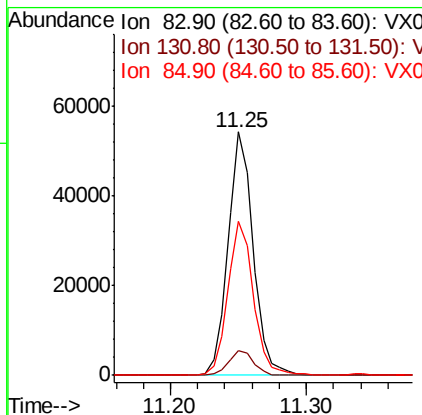
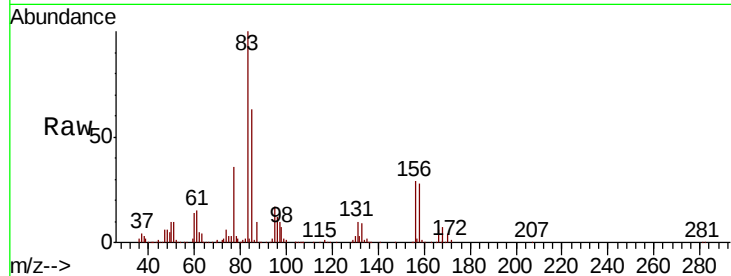
ClientSampleId :

VX0626WBSD01

Tot Ion:	83	Resp:	69736
Ion Ratio	Lower	Upper	
83	100		
131	10.2	4.9	14.7
85	64.3	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.269 ug/l m

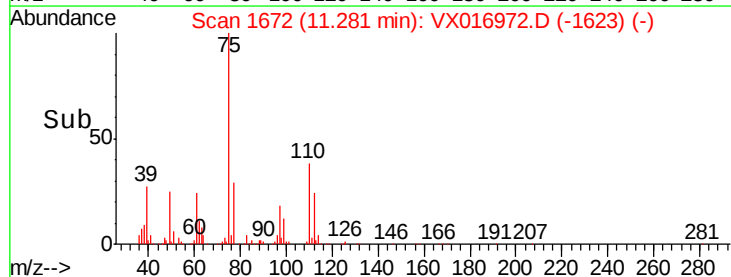
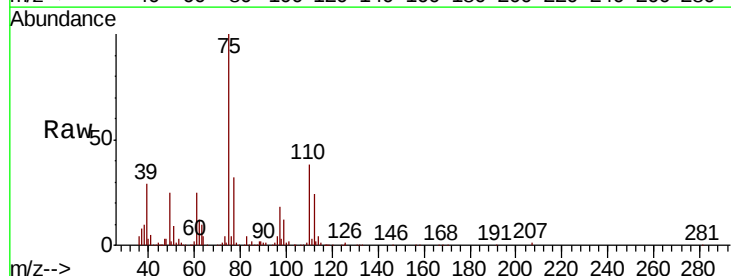
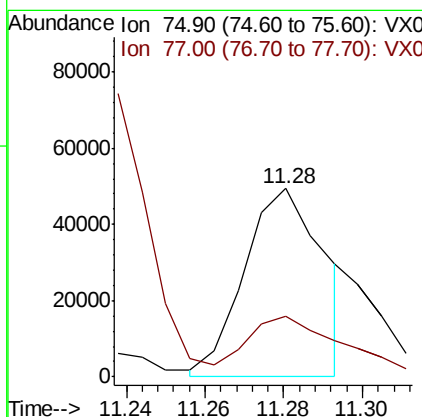
RT: 11.28 min Scan# 1672

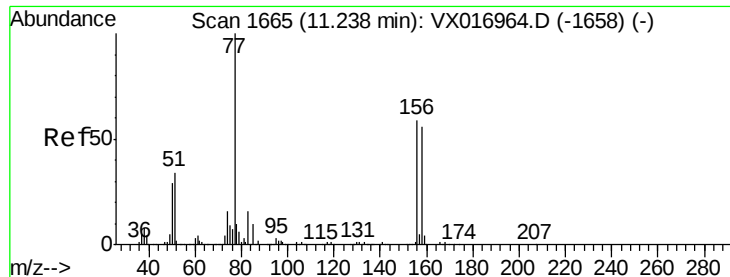
Delta R.T. 0.00 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Tgt Ion:	75	Resp:	69033
Ion Ratio	Lower	Upper	
75	100		
77	39.3	20.3	61.0





#77

Bromobenzene

Concen: 18.604 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBSD01

Tot Ion:156 Resp: 53899

Ion Ratio Lower Upper

156 100

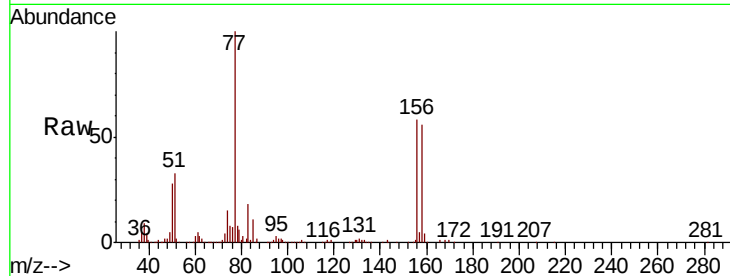
77 172.8 85.2 255.6

158 96.4 48.3 144.9

Manual Integrations
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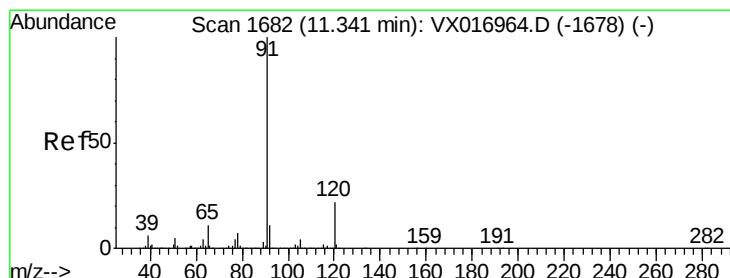
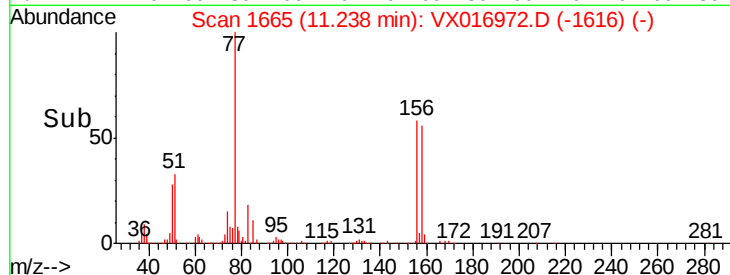
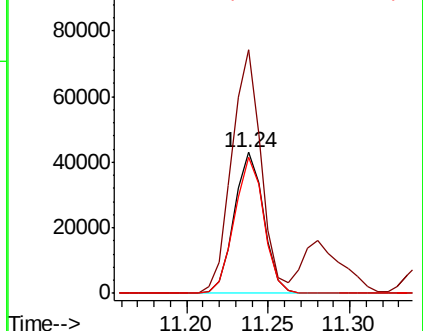
6/29/2020 12:32:39 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.125 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016972.D

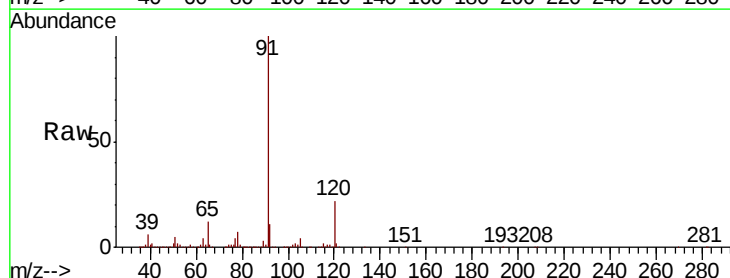
Acq: 26 Jun 2020 10:56

Tgt Ion: 91 Resp: 252236

Ion Ratio Lower Upper

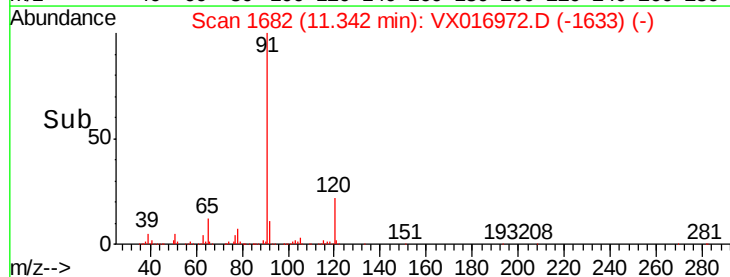
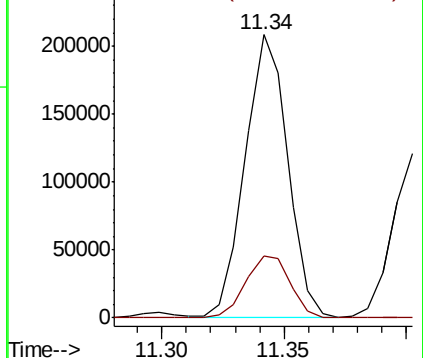
91 100

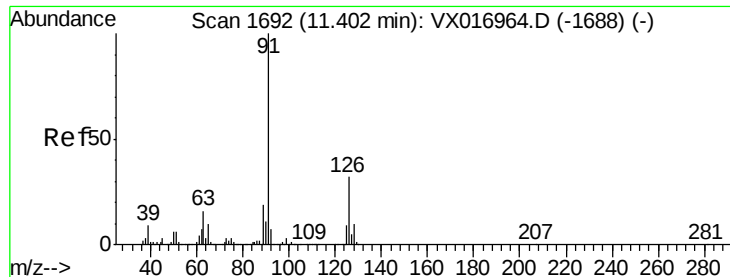
120 23.1 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.139 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBSD01

Tot Ion: 91 Resp: 151789

Ion Ratio Lower Upper

91 100

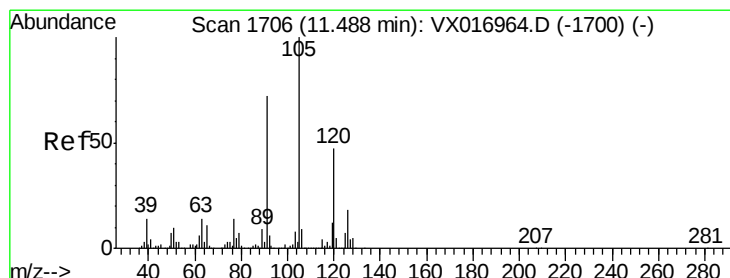
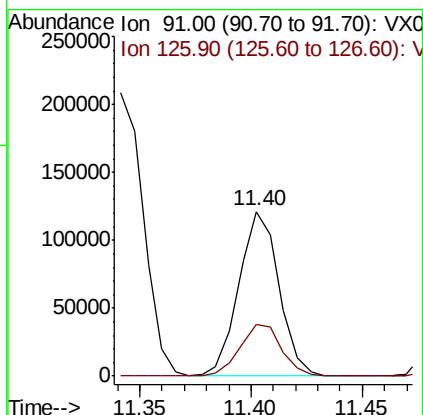
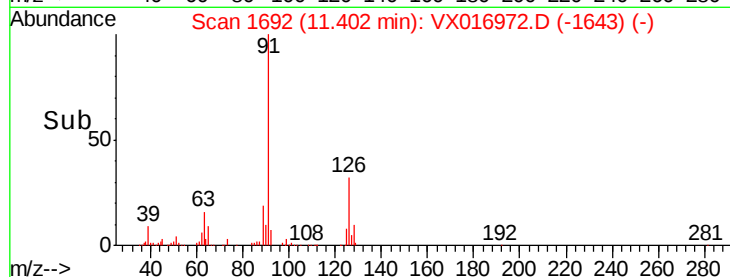
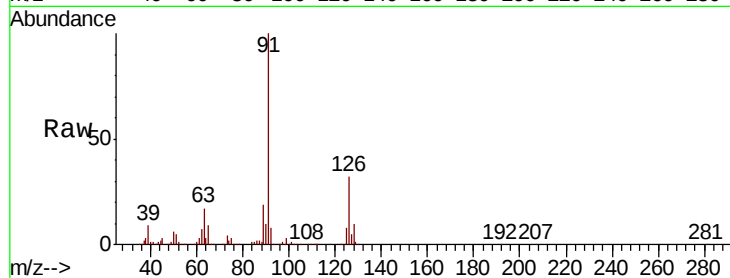
126 32.7 16.6 49.8

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.493 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX016972.D

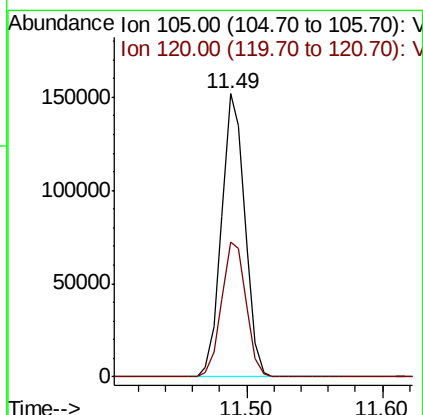
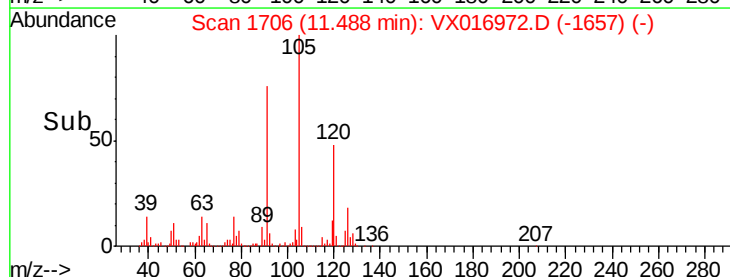
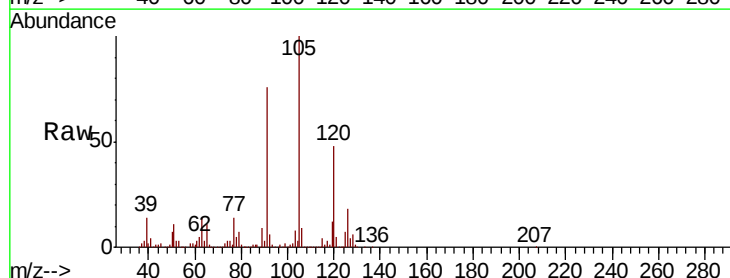
Acq: 26 Jun 2020 10:56

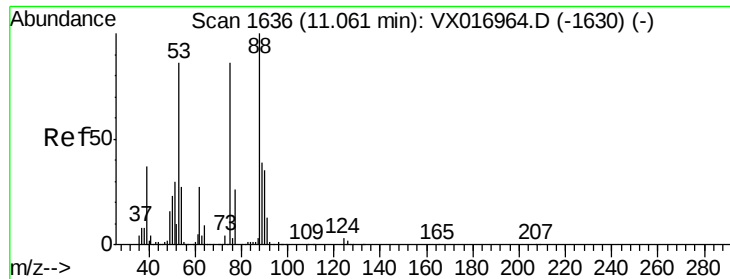
Tgt Ion: 105 Resp: 181042

Ion Ratio Lower Upper

105 100

120 49.4 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.745 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBSD01

Tot Ion: 75 Resp: 25146

Ion Ratio Lower Upper

75 100

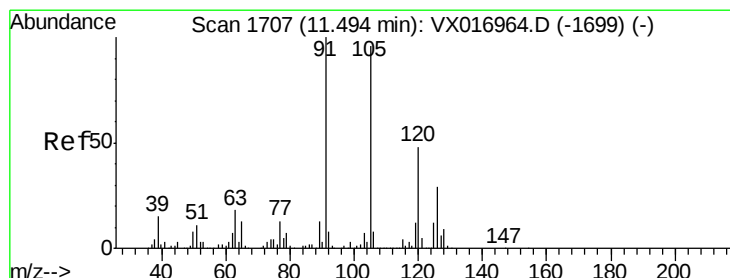
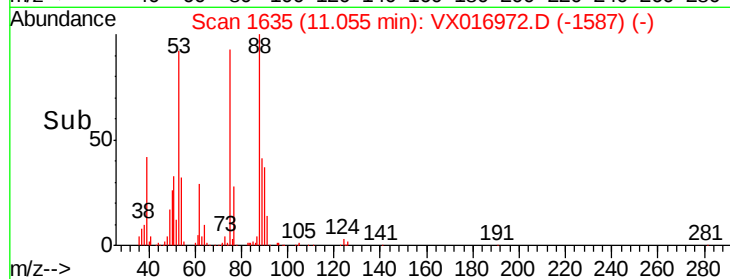
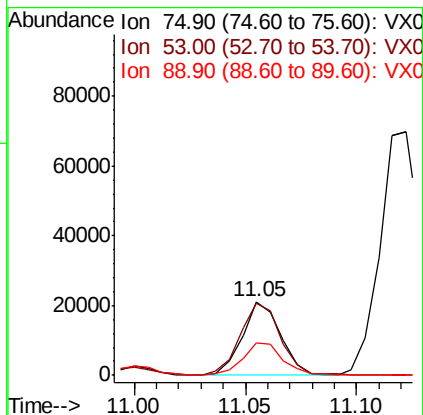
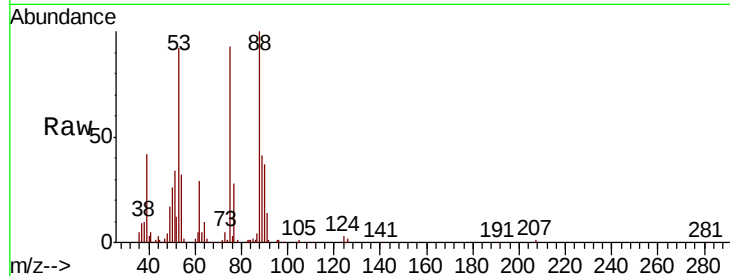
53 103.3 81.9 122.9

89 47.0 35.5 53.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.304 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016972.D

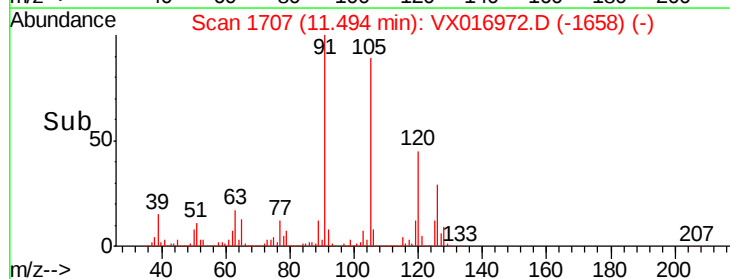
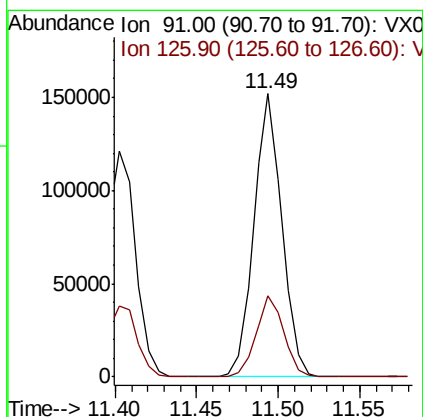
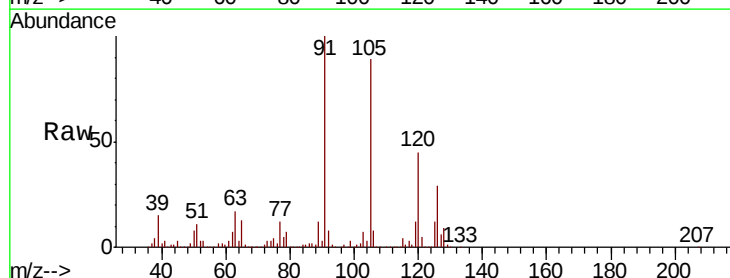
Acq: 26 Jun 2020 10:56

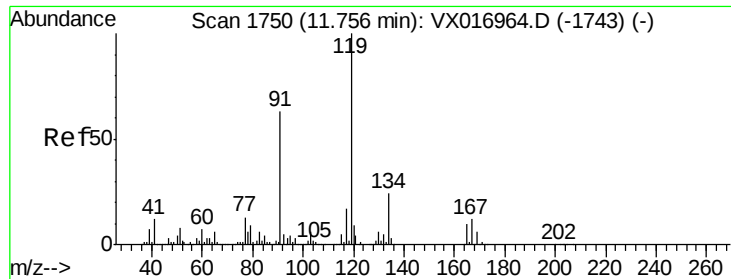
Tgt Ion: 91 Resp: 180186

Ion Ratio Lower Upper

91 100

126 28.7 14.6 44.0





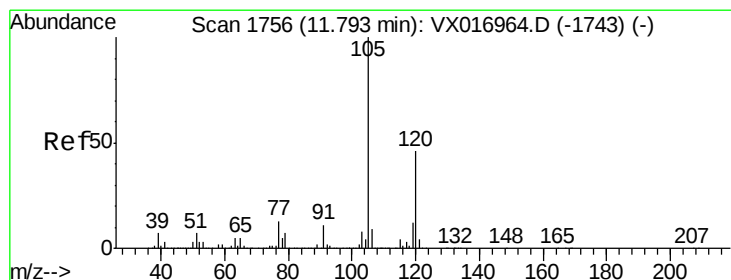
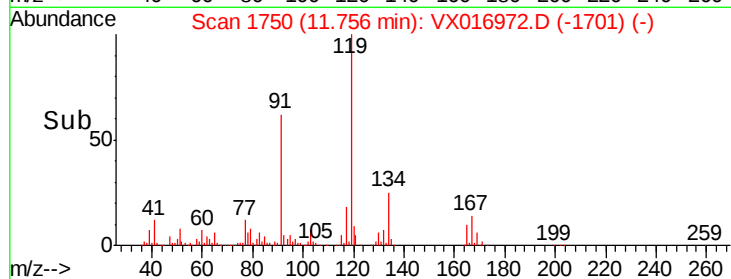
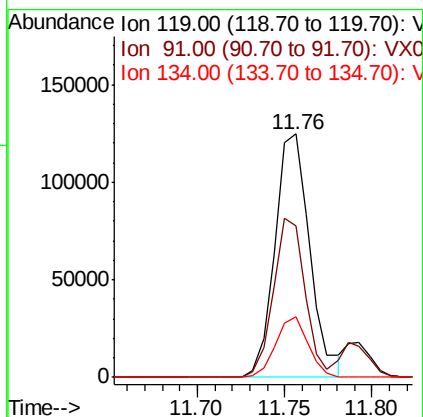
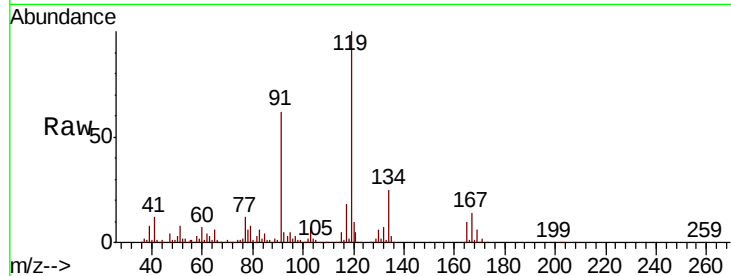
#83
tert-Butylbenzene
Concen: 19.140 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	173136		
91	59.3	30.0	90.0	
134	23.2	11.8	35.3	

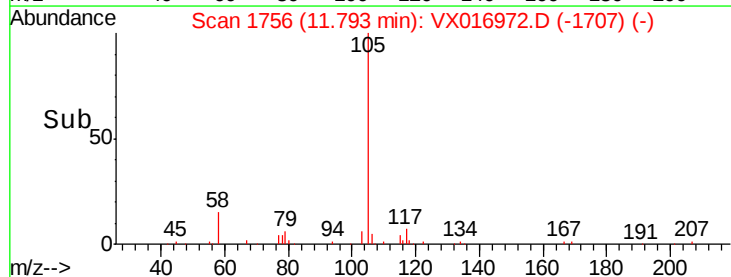
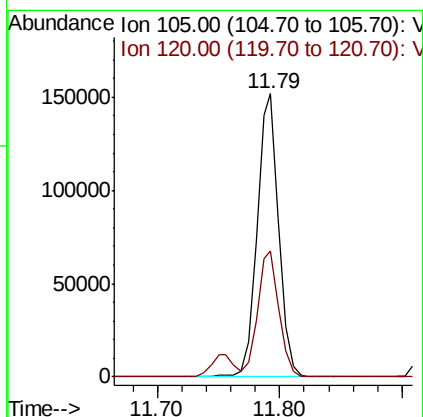
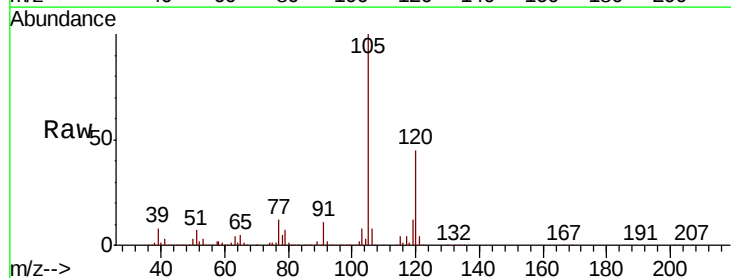
Manual Integrations
APPROVED

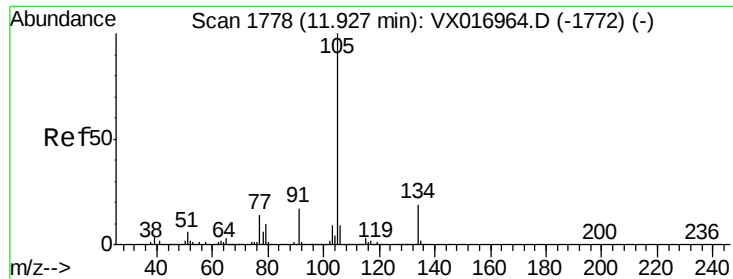
MMDadoda
6/29/2020 12:32:39 PM



#84
1,2,4-Trimethylbenzene
Concen: 19.792 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	185940		
120	44.1	22.4	67.3	





#85

sec-Butylbenzene

Concen: 19.799 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBSD01

Tot Ion:105 Resp: 208809

Ion Ratio Lower Upper

105 100

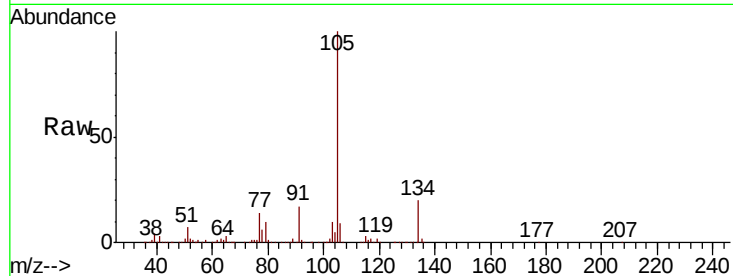
134 19.6 10.1 30.1

Manual Integrations

APPROVED

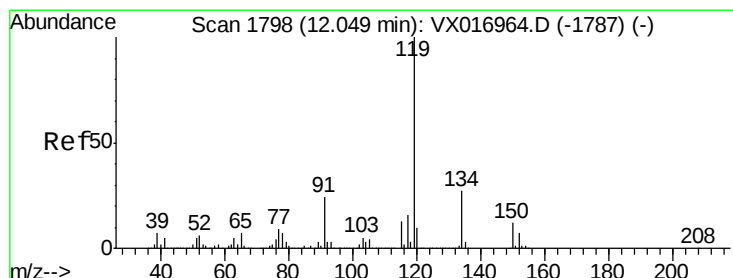
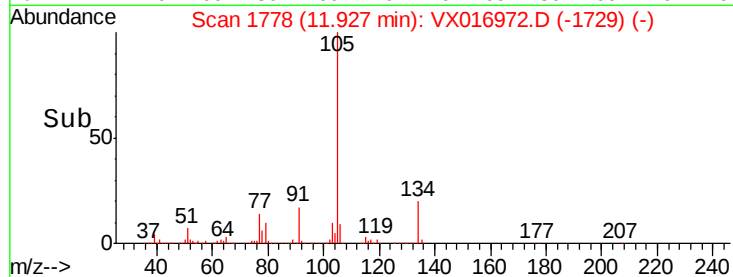
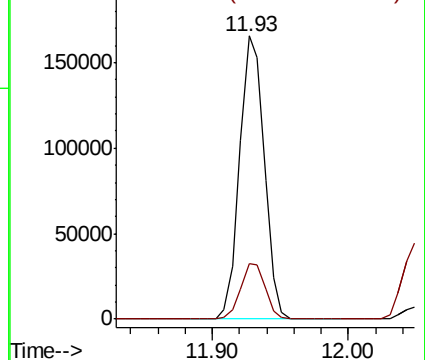
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.897 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

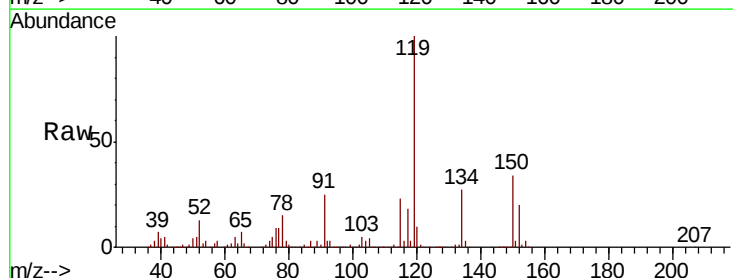
Tgt Ion:119 Resp: 191731

Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

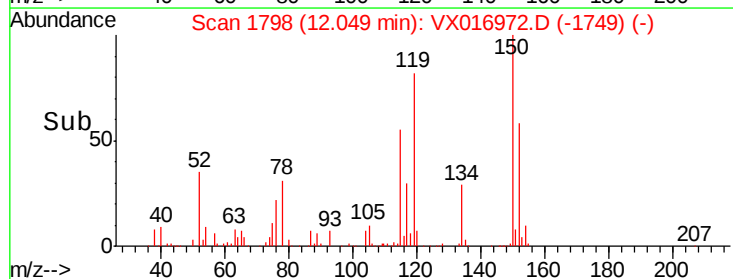
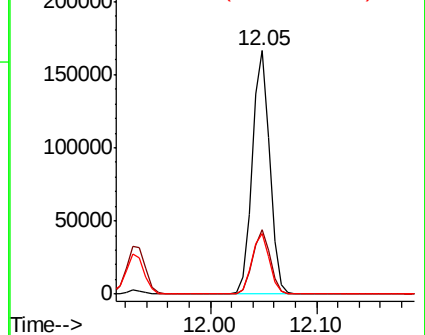
91 25.0 12.4 37.4

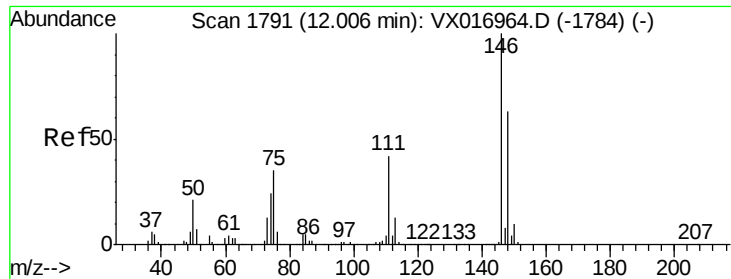


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.916 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Instrument :

MSVOA_X

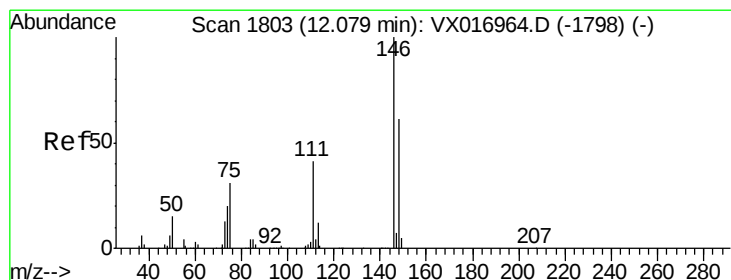
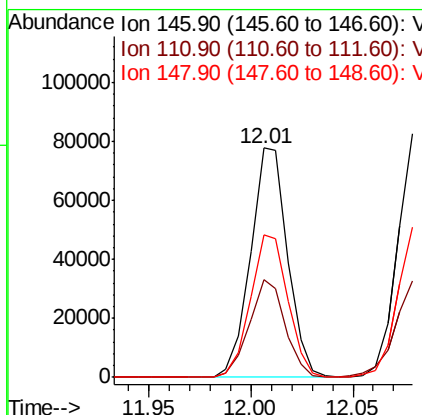
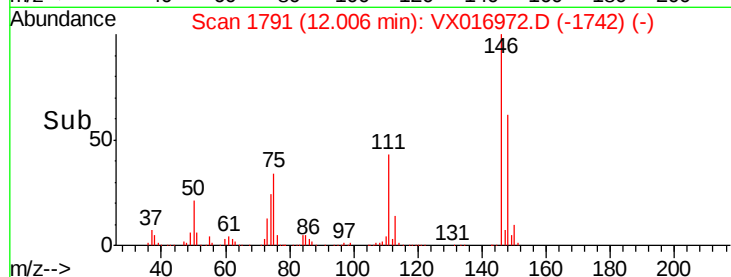
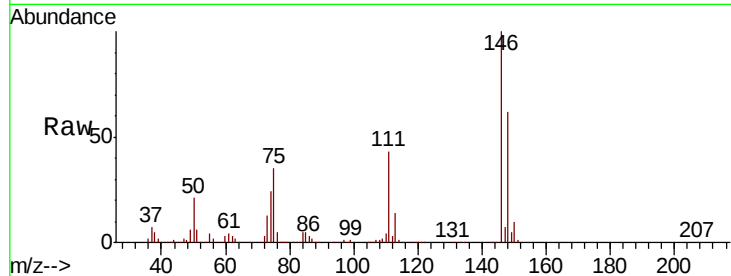
ClientSampleId :

VX0626WBSD01

Tot Ion:	146	Resp:	98360
Ion Ratio	Lower	Upper	
146	100		
111	41.5	20.3	60.9
148	62.9	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 18.750 ug/l

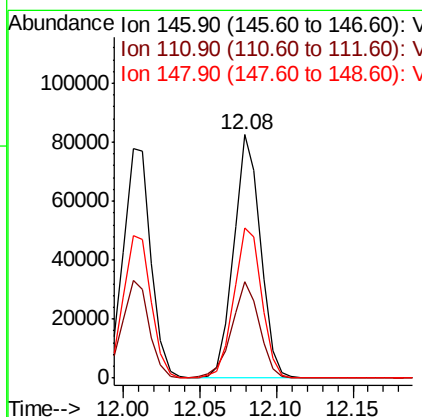
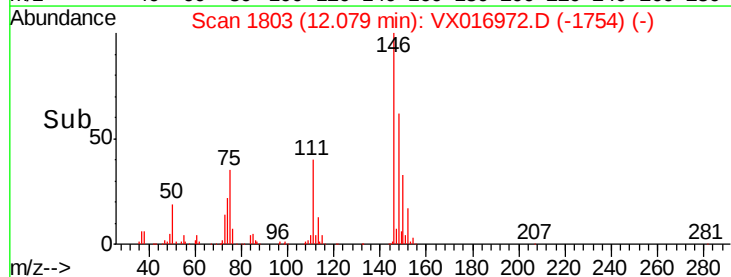
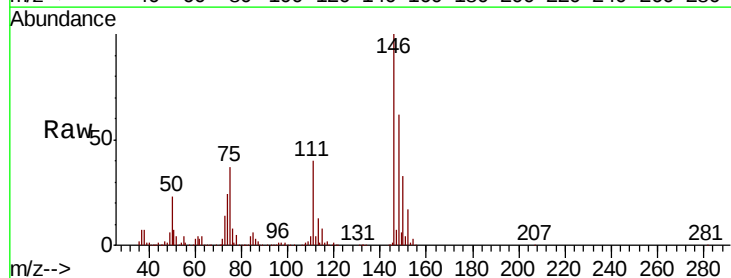
RT: 12.08 min Scan# 1803

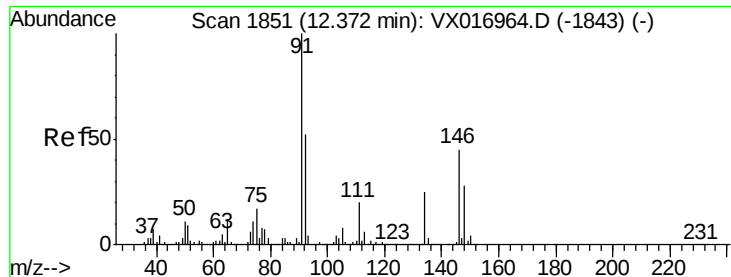
Delta R.T. 0.00 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Tgt Ion:	146	Resp:	99534
Ion Ratio	Lower	Upper	
146	100		
111	41.0	19.9	59.7
148	64.3	31.3	93.9





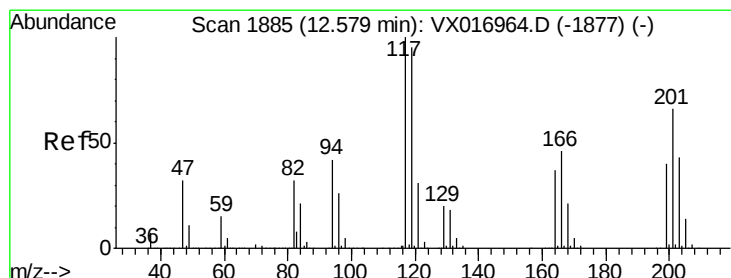
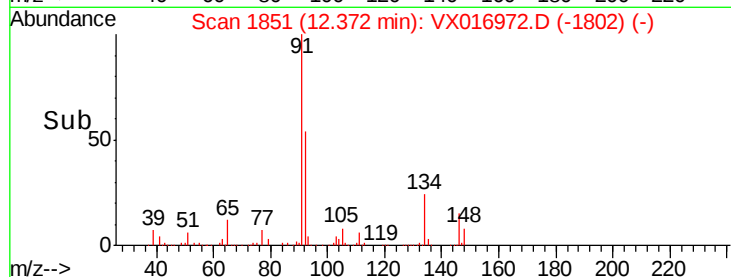
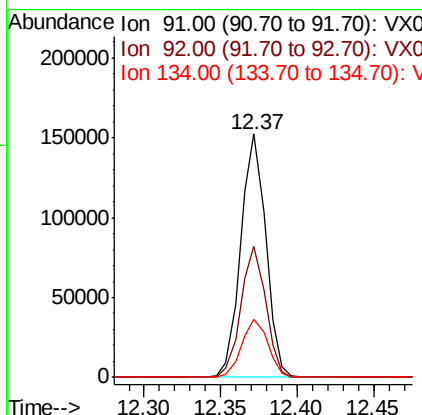
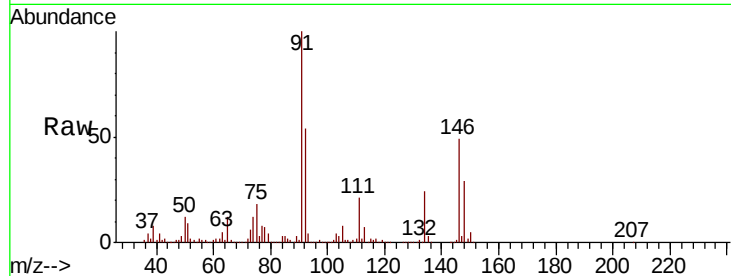
#89
n-Butylbenzene
Concen: 19.124 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.6	79.7
134	24.7	12.6	37.8

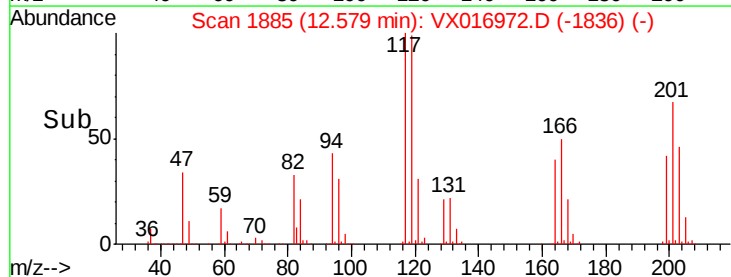
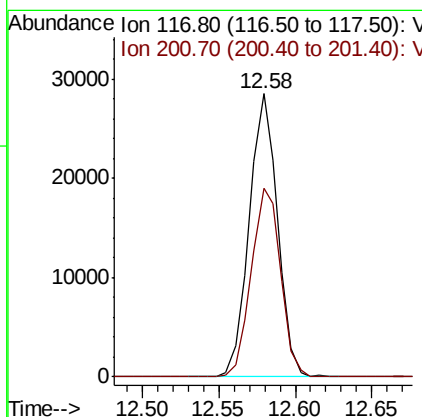
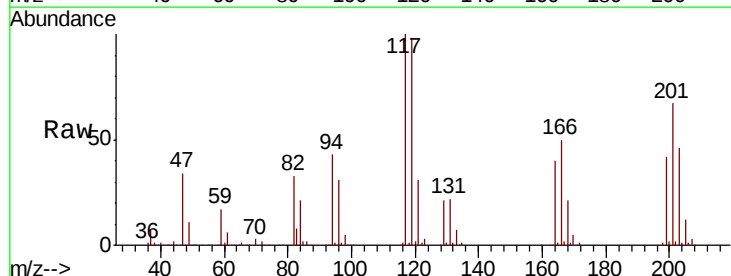
Manual Integrations
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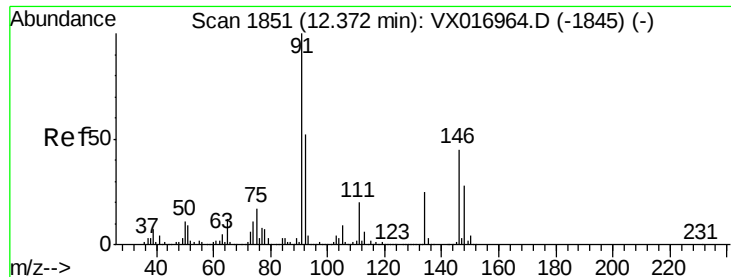
MMDadoda
6/29/2020 12:32:39 PM



#90
Hexachloroethane
Concen: 18.323 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.2	34.0	102.0





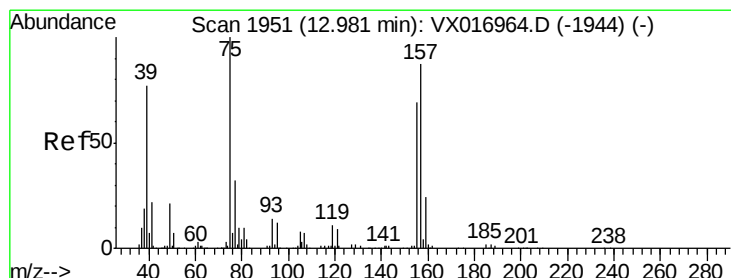
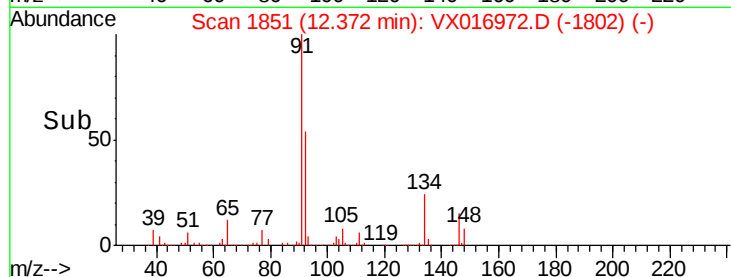
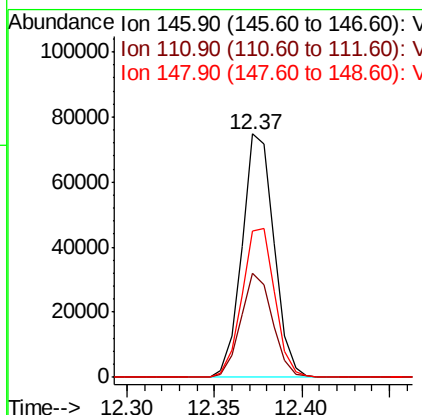
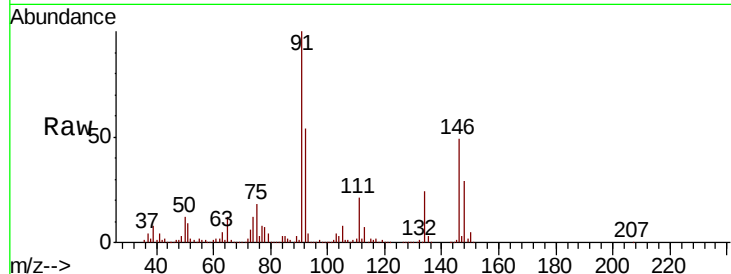
#91
1,2-Dichlorobenzene
Concen: 19.239 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.6	64.6
148	62.9	31.9	95.7

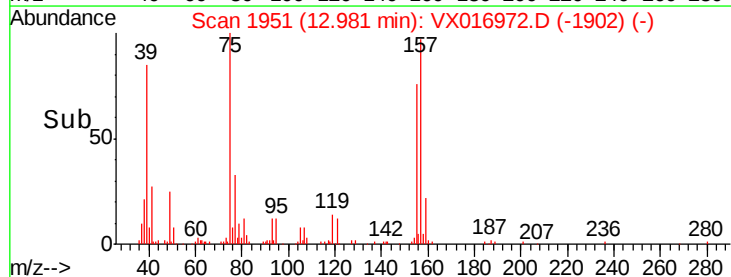
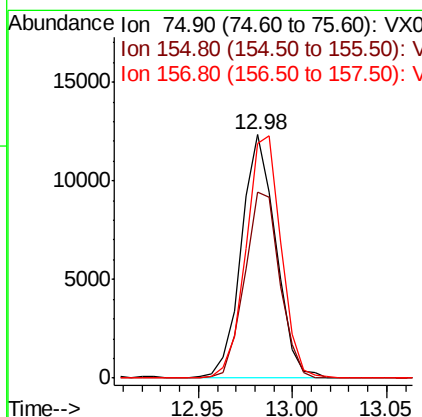
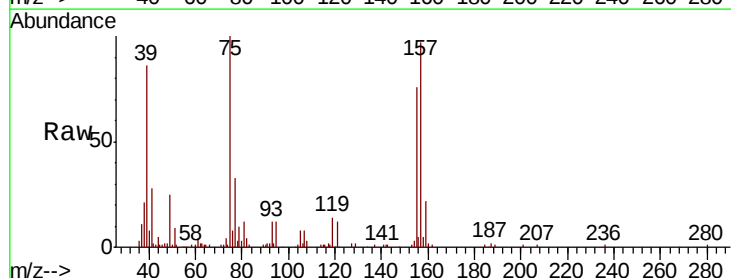
Manual Integrations
APPROVED

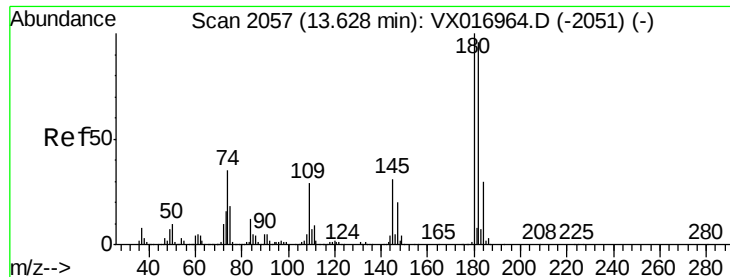
MMDadoda
6/29/2020 12:32:39 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.179 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. 0.00 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.8	39.0	117.0
157	101.2	50.0	150.1





#93

1,2,4-Trichlorobenzene

Concen: 18.203 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Instrument :

MSVOA_X

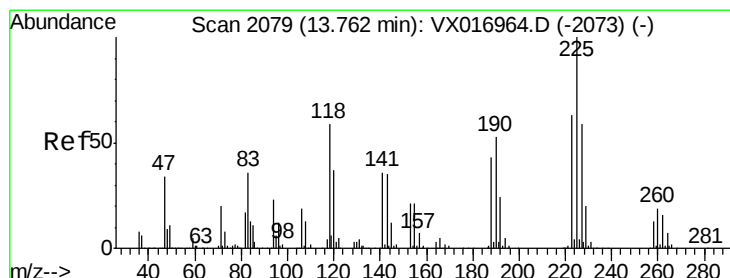
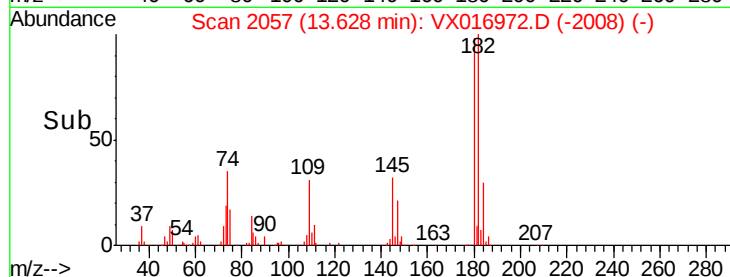
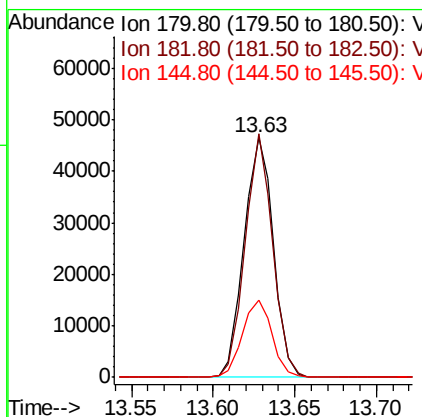
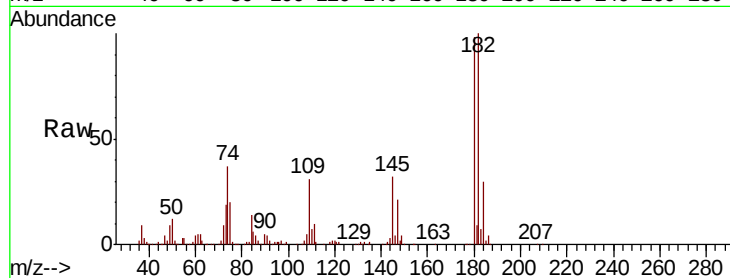
ClientSampleId :

VX0626WBSD01

Tot Ion:	180	Resp:	58474
Ion Ratio	Lower	Upper	
180	100		
182	95.3	46.4	139.1
145	32.4	15.5	46.5

Manual Integrations
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6/29/2020 12:32:39 PM



#94

Hexachlorobutadiene

Concen: 20.233 ug/l

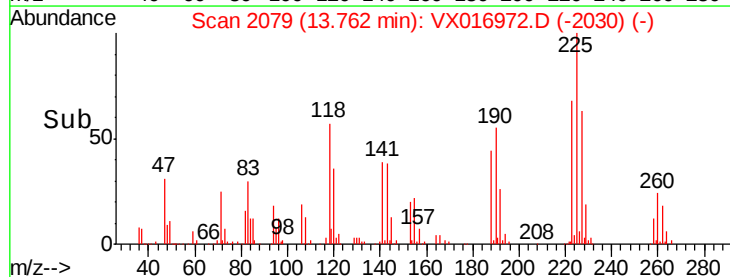
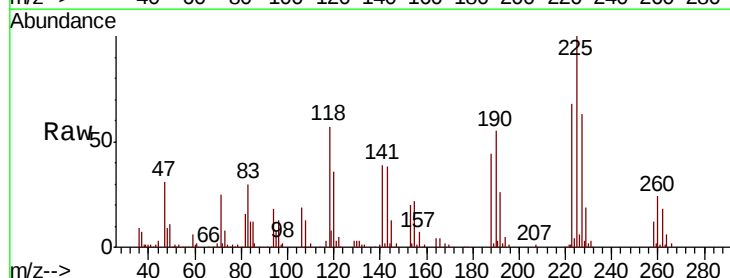
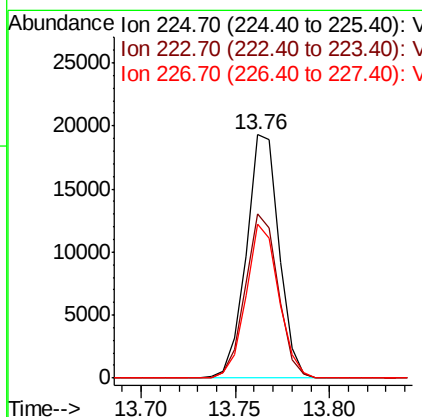
RT: 13.76 min Scan# 2079

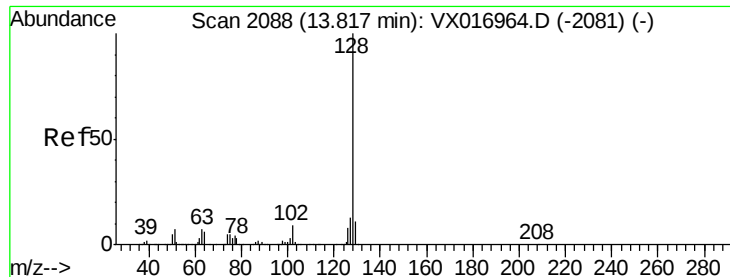
Delta R.T. 0.00 min

Lab File: VX016972.D

Acq: 26 Jun 2020 10:56

Tgt Ion:	225	Resp:	23351
Ion Ratio	Lower	Upper	
225	100		
223	67.4	31.1	93.2
227	62.9	30.3	90.9





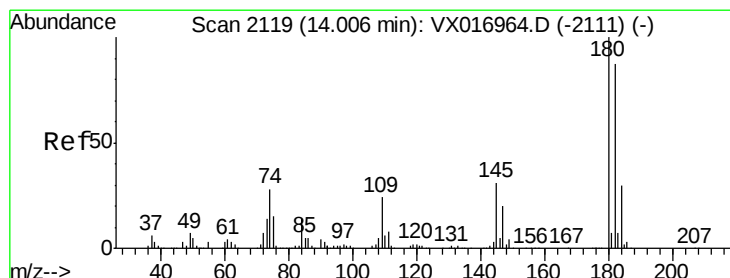
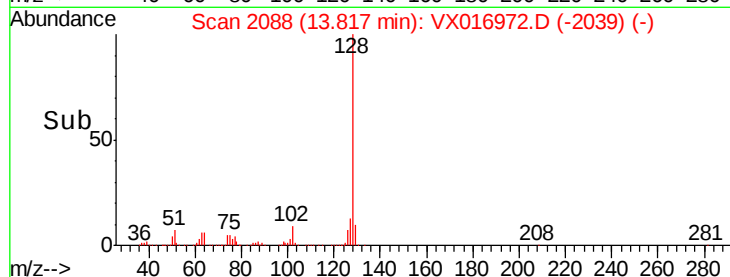
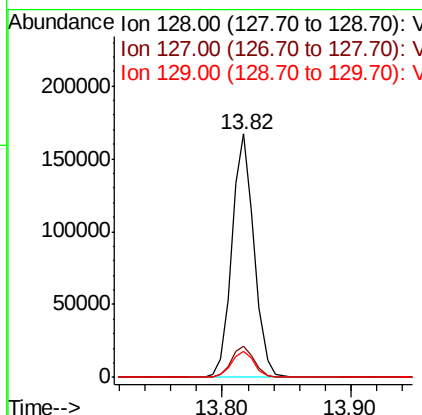
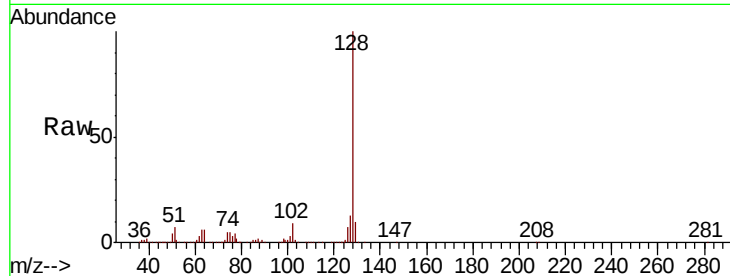
#95
Naphthalene
Concen: 18.953 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBSD01

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

Manual Integrations
APPROVED

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6/29/2020 12:32:39 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.479 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX016972.D
Acq: 26 Jun 2020 10:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.9	47.8	143.3
145	33.0	16.9	50.6

