

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062520\
 Data File : VX016950.D
 Acq On : 25 Jun 2020 13:27
 Operator : JC/SP
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Quant Time: Jun 26 08:52:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 08:49:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	39773	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	214000	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	199702	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	91077	29.42	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.07%
60) 4-Bromofluorobenzene	11.12	95	100039	30.04	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.13%
63) Toluene-d8	8.70	98	264396	30.03	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.10%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	90816	46.956	ug/l 95
3) Chloromethane	1.31	50	127206	48.500	ug/l 99
4) Vinyl Chloride	1.39	62	128863	48.179	ug/l 98
5) Bromomethane	1.62	94	95808	49.749	ug/l 98
6) Chloroethane	1.71	64	83566	48.443	ug/l 99
7) Trichlorofluoromethane	1.92	101	212144	48.771	ug/l 99
8) Diethyl Ether	2.17	74	76295	48.204	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	113600	49.207	ug/l 98
10) 1,1-Dichloroethene	2.36	96	110619	48.583	ug/l 93
11) Methyl Iodide	2.49	142	149662	49.228	ug/l 99
12) Methyl Acetate	2.75	43	136911	47.670	ug/l 97
13) Acrolein	2.27	56	106358	234.686	ug/l 100
14) Acrylonitrile	3.12	53	327294	240.605	ug/l 99
15) Acetone	2.42	58	84546	240.168	ug/l 95
16) Carbon Disulfide	2.55	76	346229	48.371	ug/l 99
17) Allyl chloride	2.71	41	209246	49.091	ug/l 95
18) Methylene Chloride	2.84	84	131692	48.020	ug/l 93
19) trans-1,2-Dichloroethene	3.14	96	125421	48.617	ug/l 99
20) Diisopropyl ether	3.82	45	414710	48.685	ug/l 95
21) 1,1-Dichloroethane	3.67	63	227570	48.449	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	140209	48.815	ug/l 99
23) tert-Butyl Alcohol	3.01	59	143626	900.759	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	397027	48.835	ug/l 99
25) Chloroform	5.18	83	231190	48.546	ug/l 99
26) Cyclohexane	5.55	56	201034	49.064	ug/l # 96
29) 1,1-Dichloropropene	5.77	75	176364	50.590	ug/l 98
30) 2-Butanone	4.64	43	449085	247.140	ug/l 99
31) 2,2-Dichloropropane	4.55	77	197971	49.516	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	208755	49.488	ug/l 99
33) Carbon Tetrachloride	5.76	117	187336	50.077	ug/l 97
34) Benzene	6.11	78	505102	49.760	ug/l 100
35) Methacrylonitrile	5.00	41	99582	49.656	ug/l 98
36) 1,2-Dichloroethane	6.16	62	192117	49.417	ug/l 98
37) Trichloroethene	7.19	130	135814	49.033	ug/l 93
38) Methylcyclohexane	7.44	83	204907	51.613	ug/l 99
39) 1,2-Dichloropropane	7.49	63	132513	50.108	ug/l 94
40) Dibromomethane	7.63	93	91063	49.962	ug/l 97

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Quant Time: Jun 26 08:52:55 2020
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	189229	50.138	ug/l	95
42) Vinyl Acetate	3.78	43	1842147	251.568	ug/l	100
43) Ethyl Acetate	4.79	43	183033	48.751	ug/l	99
44) Isopropyl Acetate	6.41	43	308185	49.674	ug/l	100
45) 1,4-Dioxane	7.71	88	63671	1017.266	ug/l	98
46) Methyl methacrylate	7.74	41	146321	50.963	ug/l	99
47) n-amyl Acetate	10.88	43	278194	50.729	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	211301	50.634	ug/l	94
49) cis-1,3-Dichloropropene	8.42	75	220937	50.377	ug/l	100
50) 1,1,2-Trichloroethane	9.20	97	127537	50.138	ug/l	98
51) Ethyl methacrylate	9.16	69	197784	50.665	ug/l	98
52) 1,3-Dichloropropane	9.35	76	219708	50.309	ug/l	97
53) Dibromochloromethane	9.57	129	147901	50.587	ug/l	99
54) 1,2-Dibromoethane	9.65	107	134156	49.702	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	531302	258.630	ug/l	100
56) Bromoform	10.84	173	104794	50.494	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	908317	246.922	ug/l	100
59) 2-Hexanone	9.47	43	677674	246.843	ug/l	99
61) Tetrachloroethene	9.32	164	126305	49.594	ug/l	97
62) Toluene	8.76	91	545413	49.934	ug/l	100
64) Chlorobenzene	10.12	112	343526	50.201	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.20	131	128675	49.949	ug/l	99
66) Ethyl Benzene	10.23	91	619192	51.119	ug/l	98
67) m/p-Xylenes	10.34	106	466184	102.024	ug/l	99
68) o-Xylene	10.68	106	221009	50.352	ug/l	100
69) Styrene	10.70	104	381864	50.811	ug/l	98
70) Isopropylbenzene	11.00	105	600022	50.401	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	182345	49.873	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	232435	66.200	ug/l	89
73) Bromobenzene	11.24	156	148880	49.552	ug/l	97
74) n-propylbenzene	11.34	91	717442	50.756	ug/l	99
75) 2-Chlorotoluene	11.40	91	415094	50.359	ug/l	98
76) 1,3,5-Trimethylbenzene	11.49	105	507600	50.797	ug/l	99
77) t-1,4-Dichloro-2-butene	11.05	75	70210	49.343	ug/l	94
78) 4-Chlorotoluene	11.49	91	494620	50.681	ug/l	98
79) tert-butylbenzene	11.76	119	489996	51.187	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	512210	51.057	ug/l	100
81) sec-Butylbenzene	11.93	105	595812	51.407	ug/l	99
82) p-Isopropyltoluene	12.05	119	541552	51.750	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	274126	50.913	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	271990	50.277	ug/l	99
85) n-Butylbenzene	12.37	91	502784	51.906	ug/l	99
86) Hexachloroethane	12.58	117	104327	50.941	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	251315	49.868	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	40722	48.955	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	169397	49.822	ug/l	97
90) Hexachlorobutadiene	13.77	225	64595	49.942	ug/l	98
91) Naphthalene	13.82	128	573269	51.439	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	166748	50.255	ug/l	97

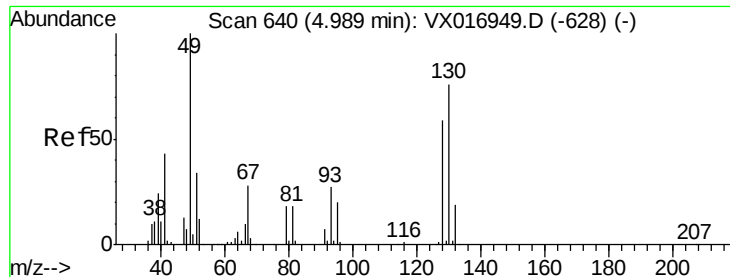
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.01 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

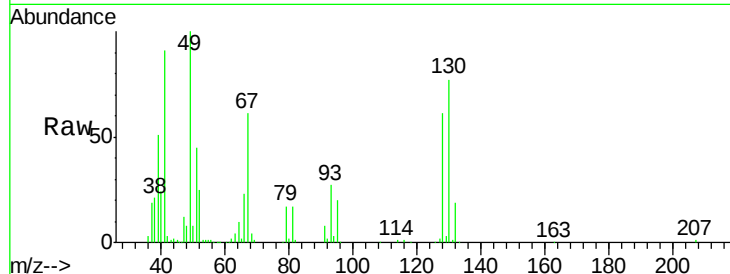
Tgt Ion:128 Resp: 39773

Ion Ratio Lower Upper

128 100

49 168.5 0.0 428.0

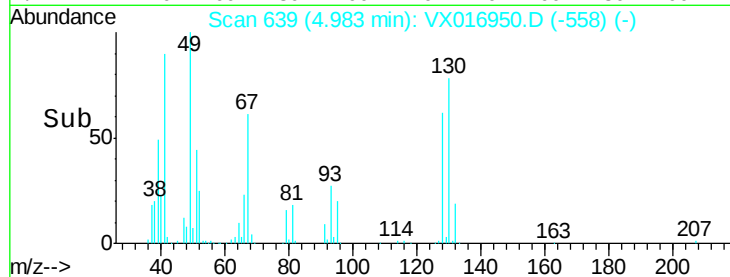
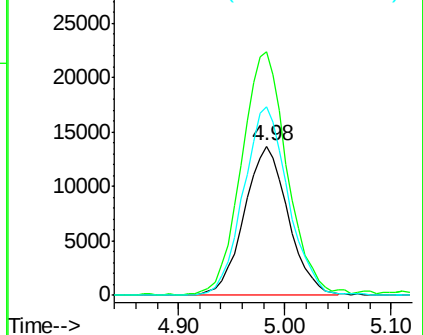
130 128.2 0.0 318.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 46.956 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016950.D

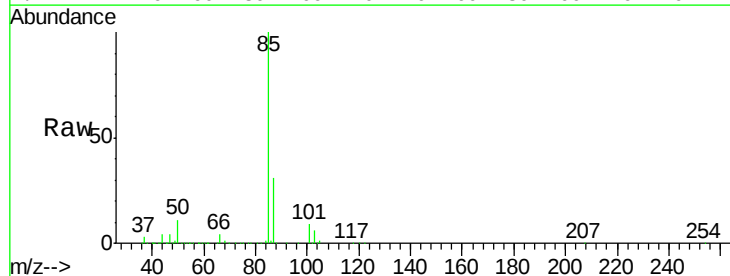
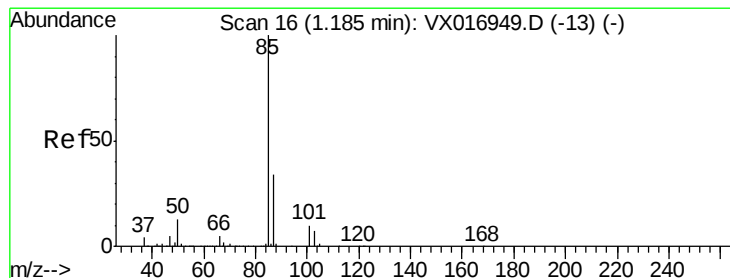
Acq: 25 Jun 2020 13:27

Tgt Ion: 85 Resp: 90816

Ion Ratio Lower Upper

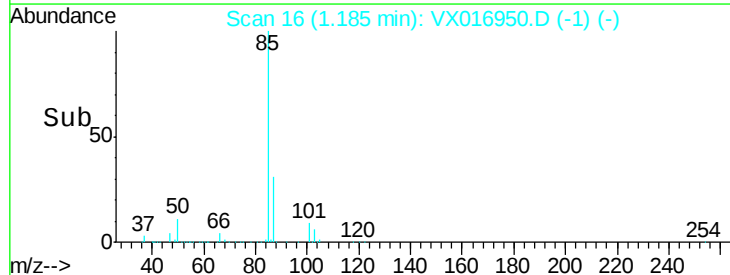
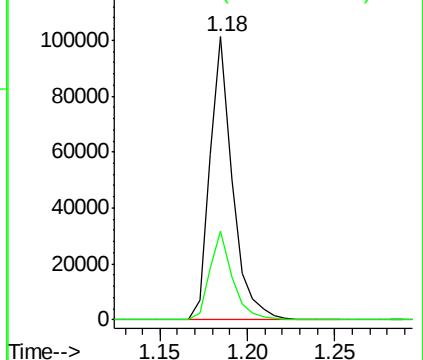
85 100

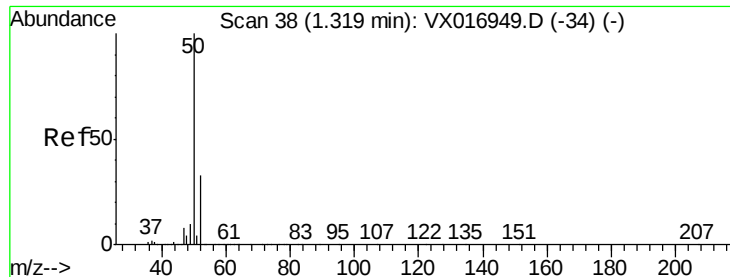
87 31.1 16.9 50.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 48.500 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

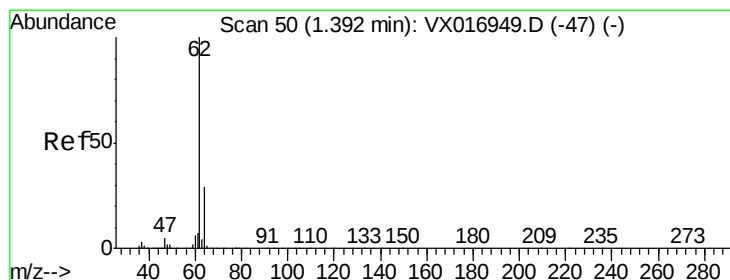
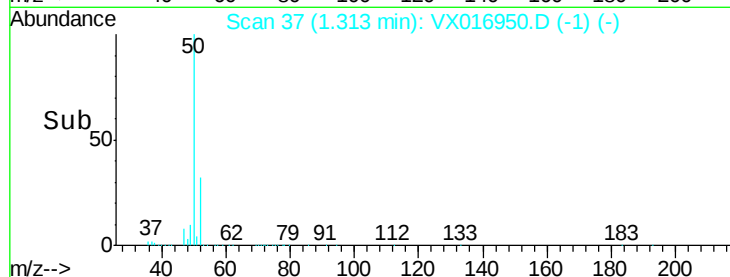
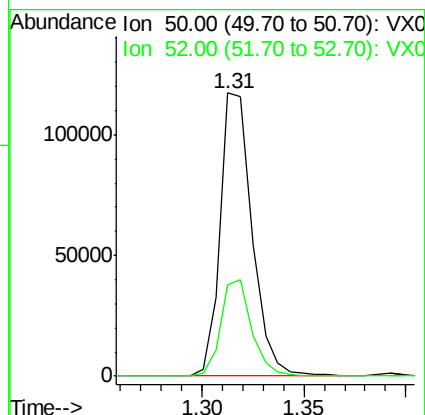
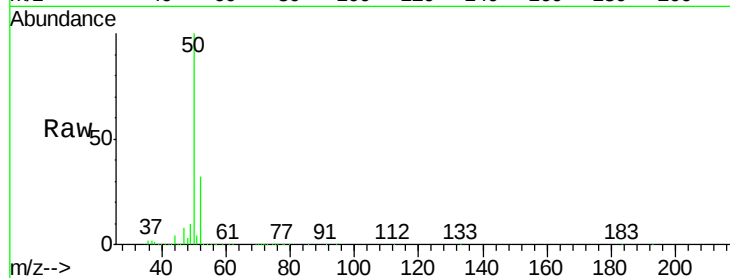
VSTDIC050

Tgt Ion: 50 Resp: 127206

Ion Ratio Lower Upper

50 100

52 32.4 26.5 39.7



#4

Vinyl Chloride

Concen: 48.179 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016950.D

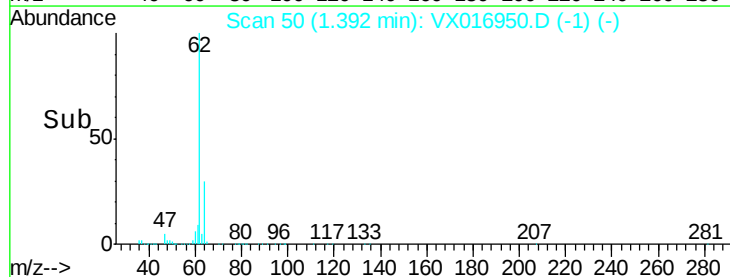
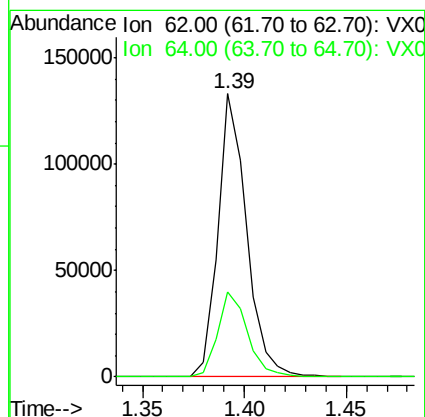
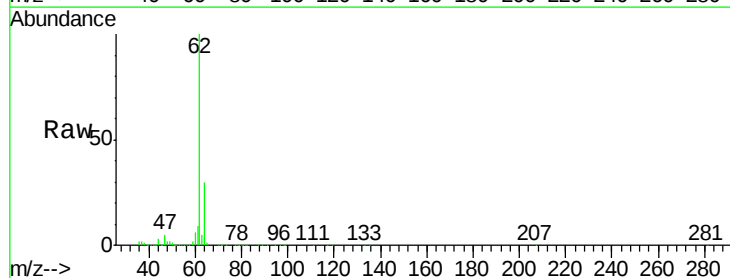
Acq: 25 Jun 2020 13:27

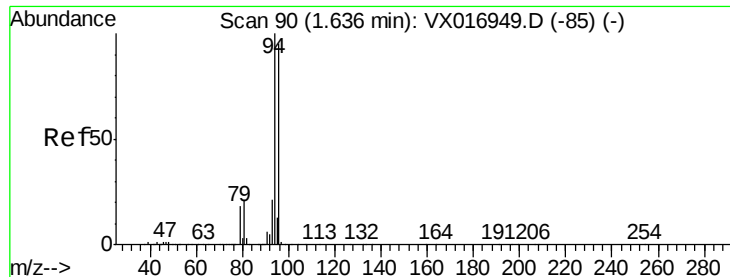
Tgt Ion: 62 Resp: 128863

Ion Ratio Lower Upper

62 100

64 30.2 23.4 35.0





#5

Bromomethane

Concen: 49.749 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

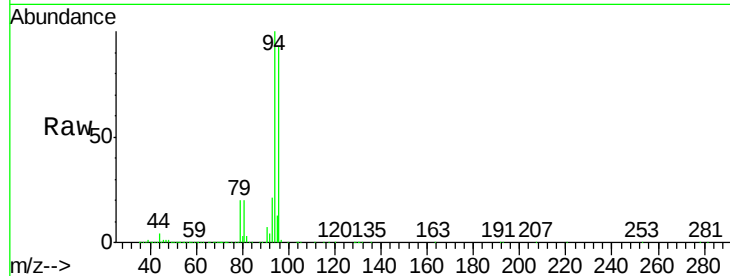
VSTDIC050

Tgt Ion: 94 Resp: 95808

Ion Ratio Lower Upper

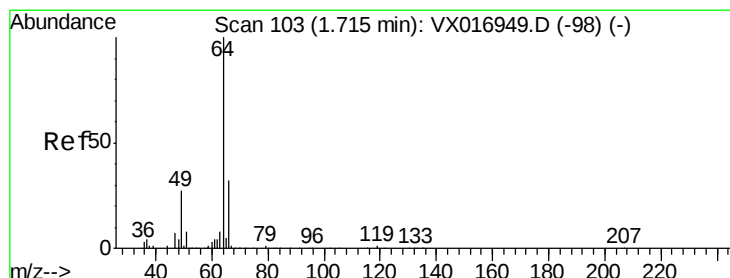
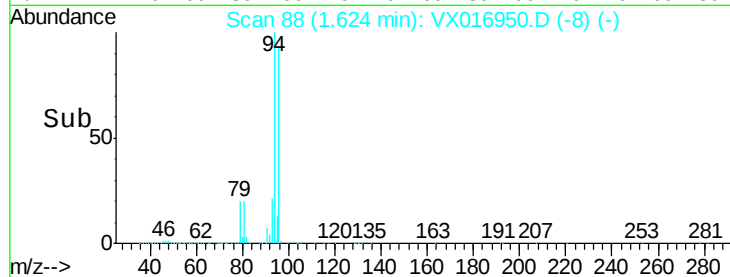
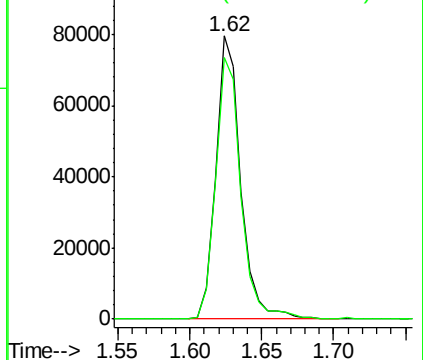
94 100

96 92.7 75.5 113.3



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 48.443 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX016950.D

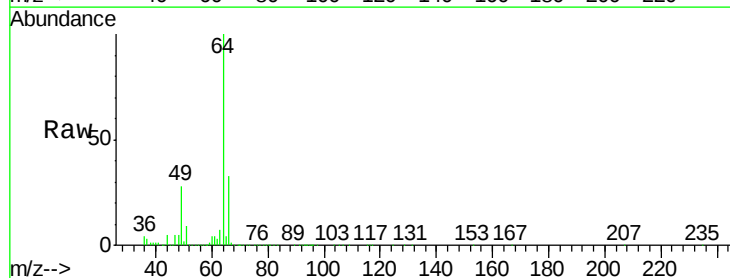
Acq: 25 Jun 2020 13:27

Tgt Ion: 64 Resp: 83566

Ion Ratio Lower Upper

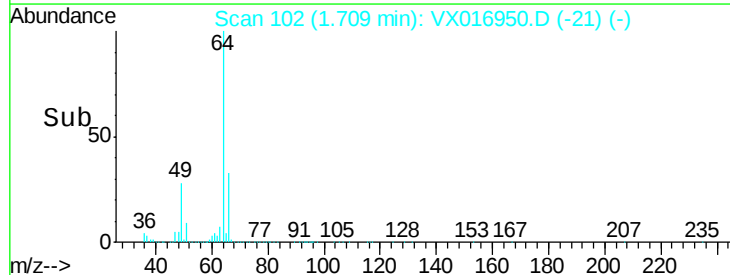
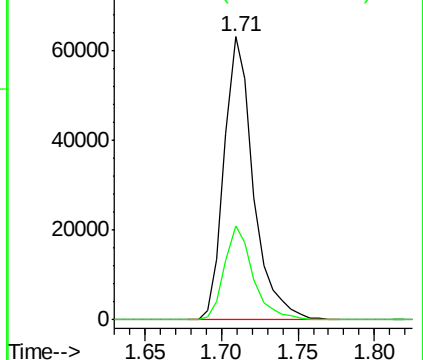
64 100

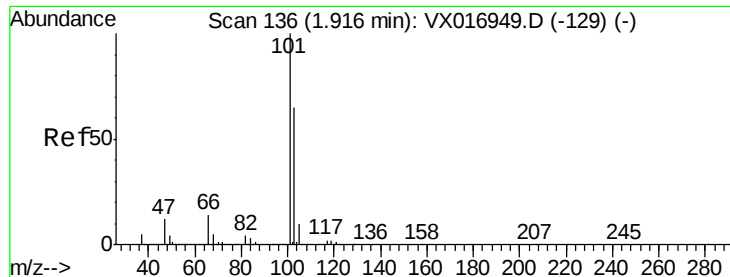
66 33.0 26.1 39.1



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



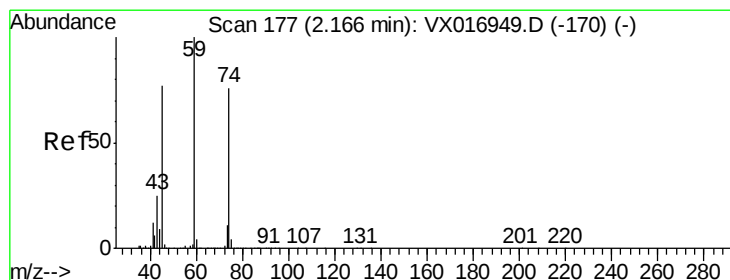
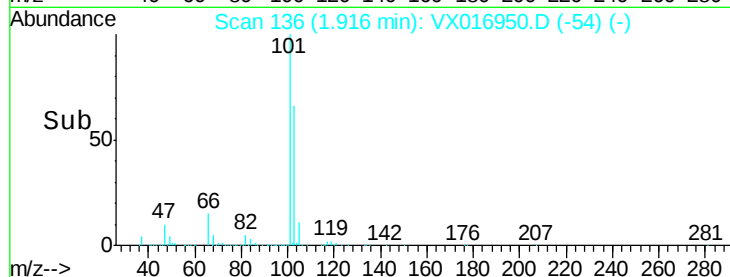
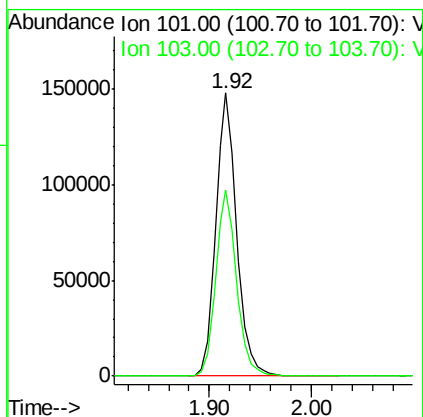
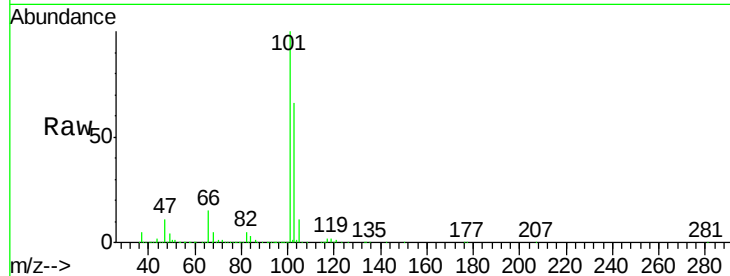


#7

Trichlorofluoromethane
Concen: 48.771 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX016950.D
Acq: 25 Jun 2020 13:27

Instrument :
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ClientSampleId :
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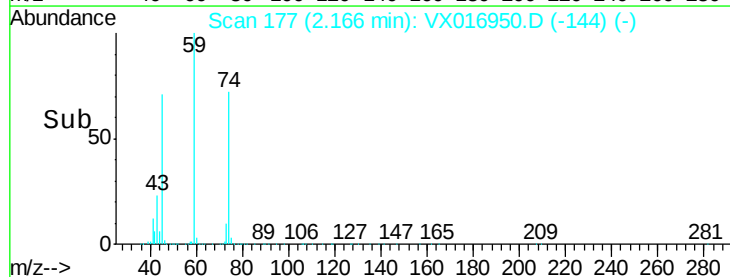
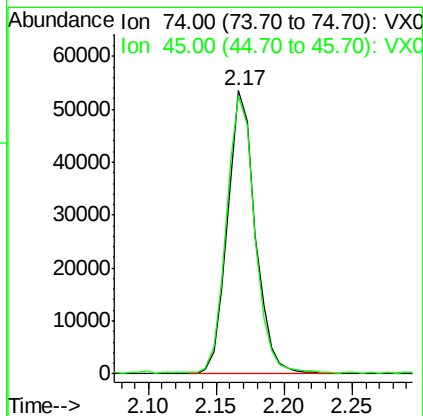
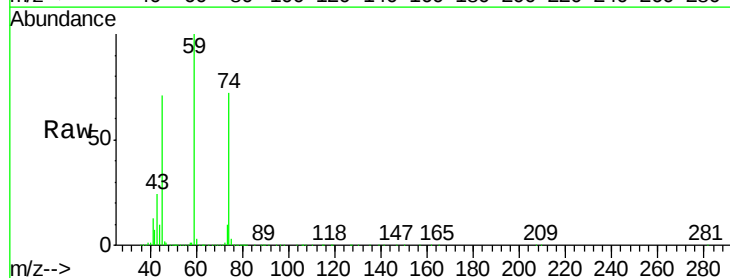
Tgt Ion:101 Resp: 212144
Ion Ratio Lower Upper
101 100
103 65.8 52.1 78.1

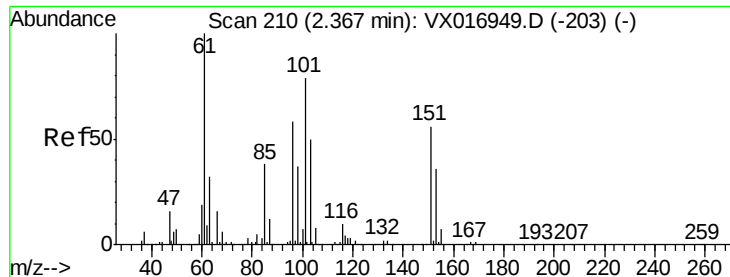


#8

Diethyl Ether
Concen: 48.204 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016950.D
Acq: 25 Jun 2020 13:27

Tgt Ion: 74 Resp: 76295
Ion Ratio Lower Upper
74 100
45 99.5 19.8 178.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.207 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

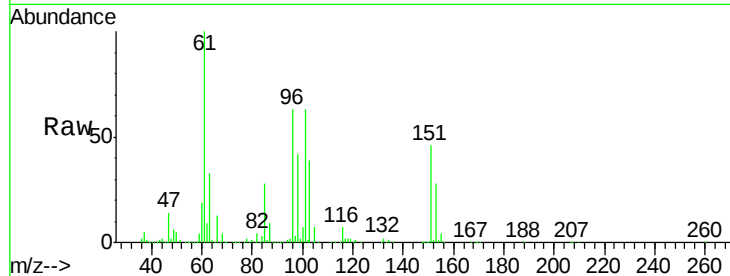
Tgt Ion:101 Resp: 113600

Ion Ratio Lower Upper

101 100

85 45.6 0.0 94.6

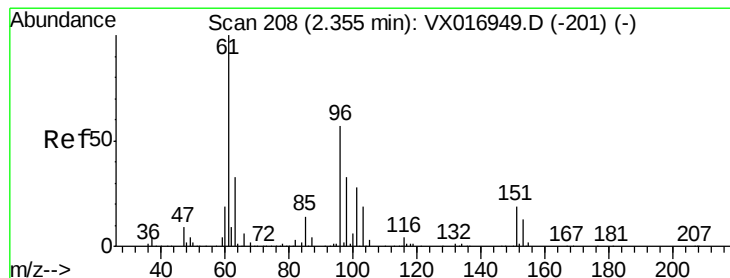
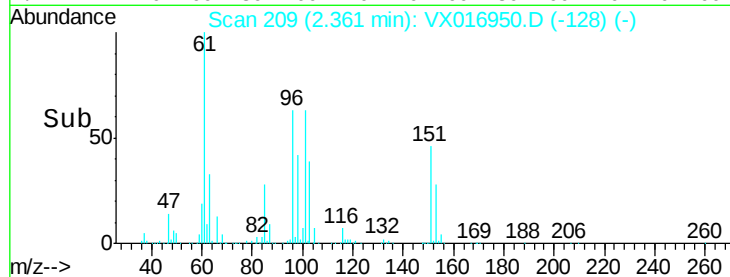
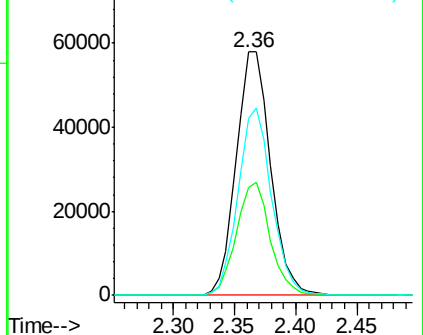
151 75.0 0.0 145.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 48.583 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

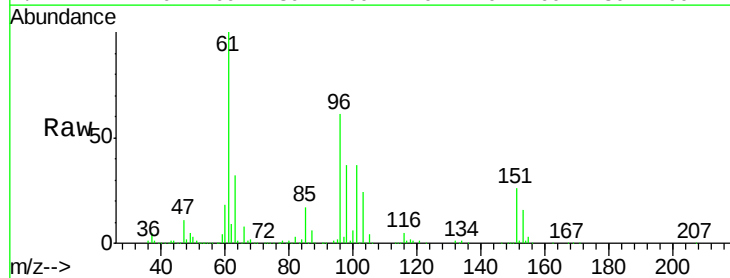
Tgt Ion: 96 Resp: 110619

Ion Ratio Lower Upper

96 100

61 165.1 141.3 211.9

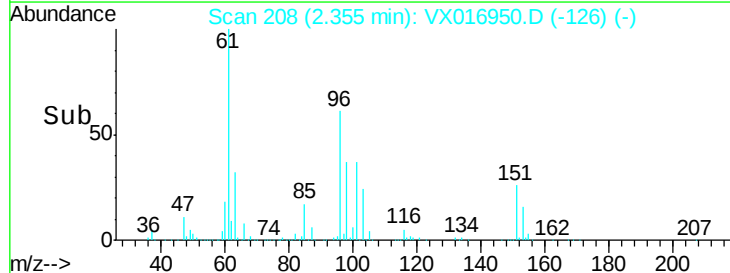
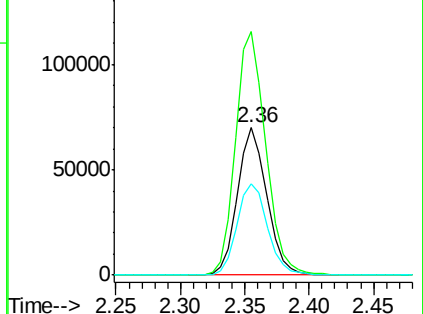
98 61.7 47.0 70.4

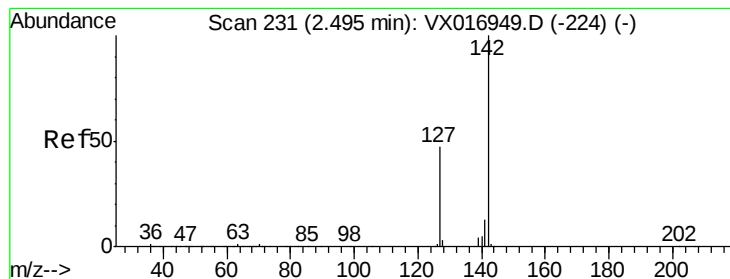


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methyl Iodide

Concen: 49.228 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

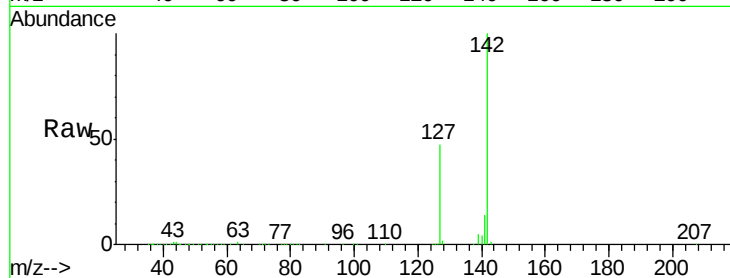
Tgt Ion:142 Resp: 149662

Ion Ratio Lower Upper

142 100

127 46.5 23.3 69.9

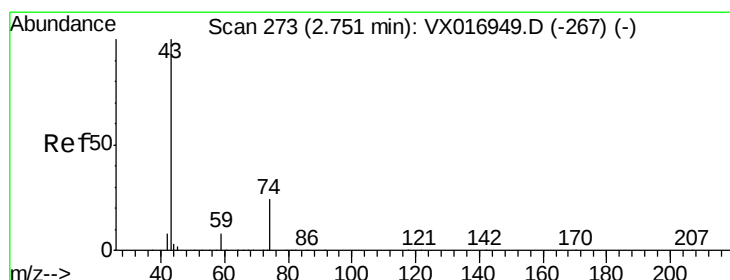
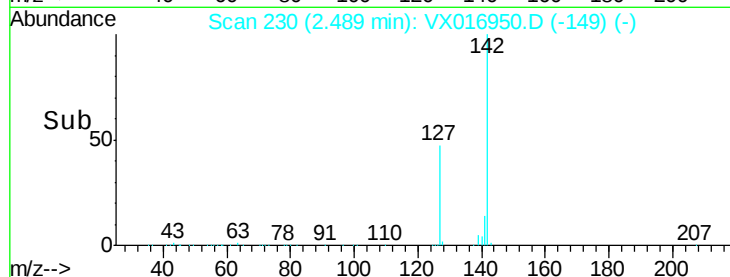
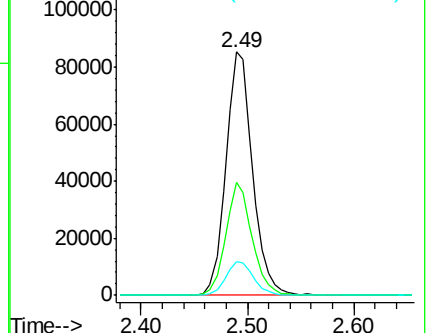
141 14.1 6.7 20.1



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 47.670 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016950.D

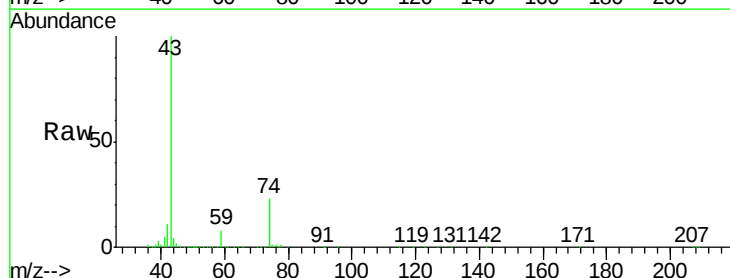
Acq: 25 Jun 2020 13:27

Tgt Ion: 43 Resp: 136911

Ion Ratio Lower Upper

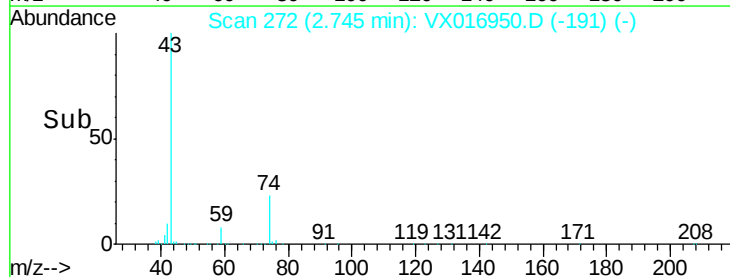
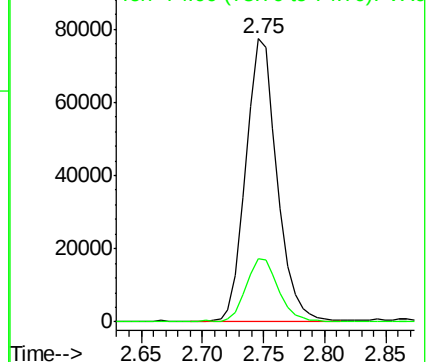
43 100

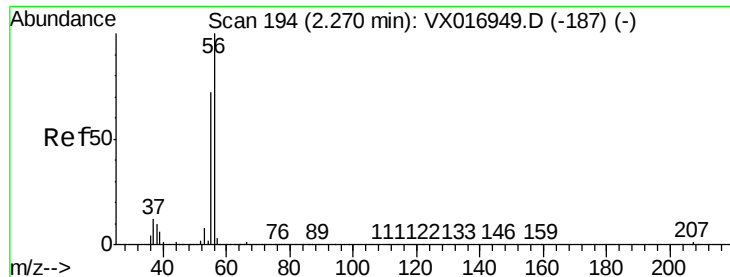
74 22.4 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 234.686 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

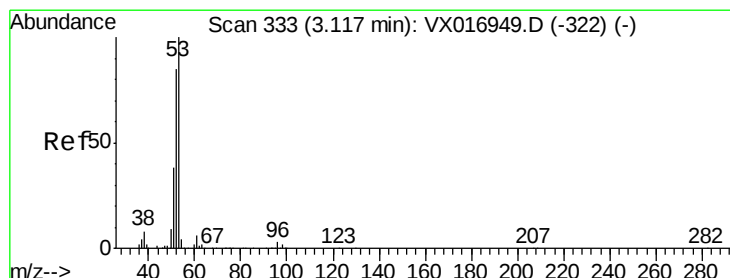
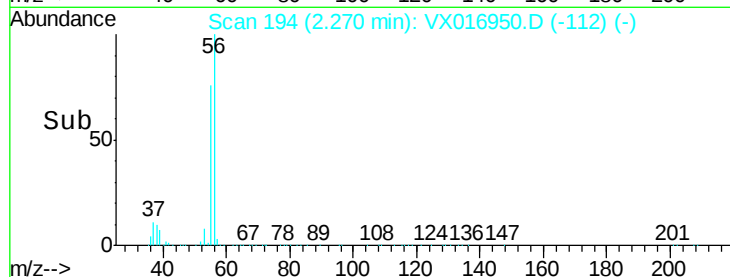
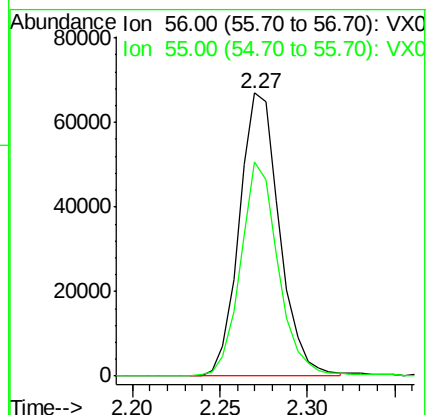
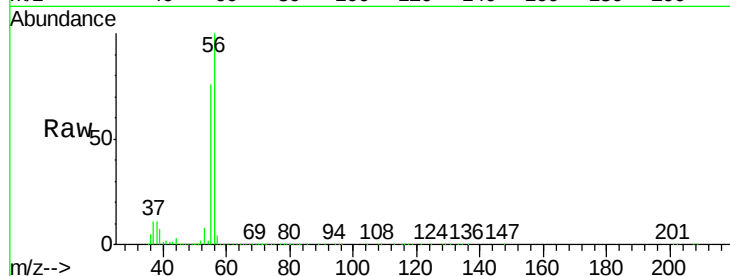
VSTDIC050

Tgt Ion: 56 Resp: 106358

Ion Ratio Lower Upper

56 100

55 70.6 56.2 84.4



#14

Acrylonitrile

Concen: 240.605 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

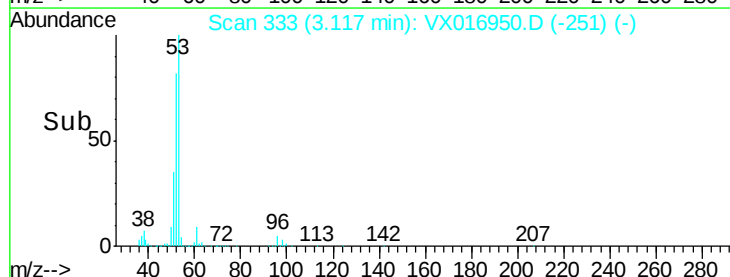
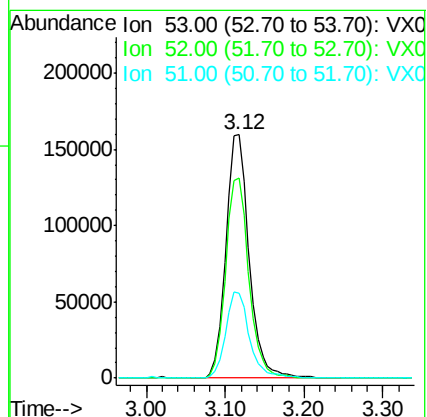
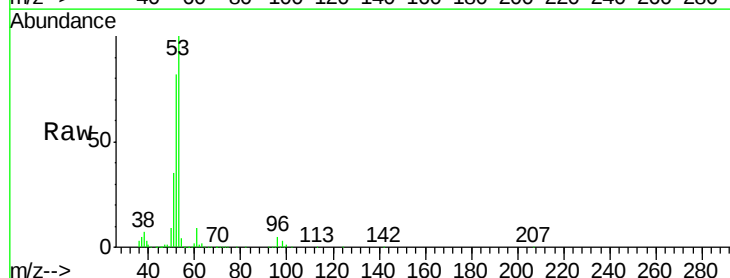
Tgt Ion: 53 Resp: 327294

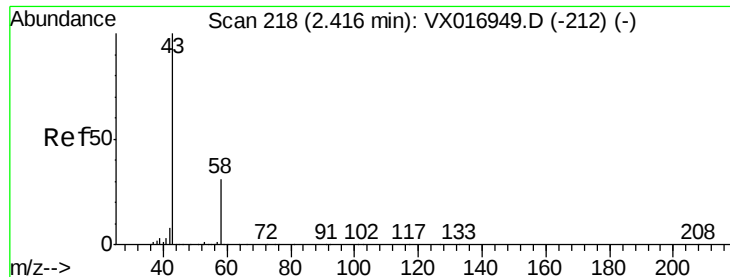
Ion Ratio Lower Upper

53 100

52 82.0 40.6 121.8

51 36.1 18.4 55.4





#15

Acetone

Concen: 240.168 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

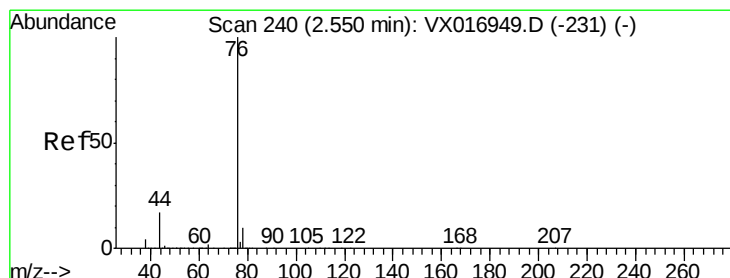
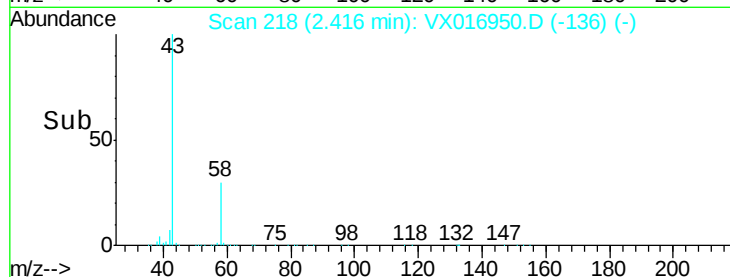
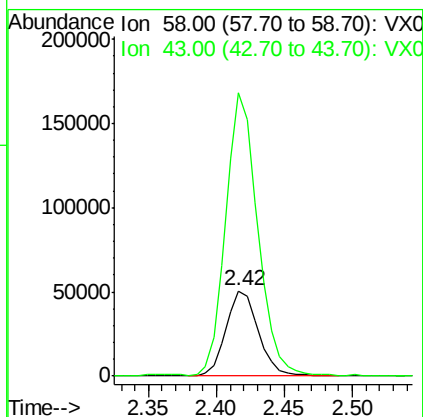
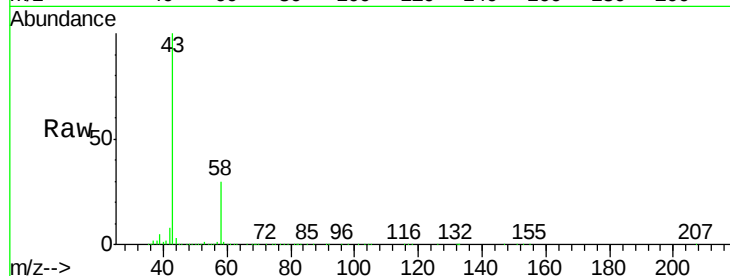
VSTDIC050

Tgt Ion: 58 Resp: 84546

Ion Ratio Lower Upper

58 100

43 332.1 257.6 386.4



#16

Carbon Disulfide

Concen: 48.371 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016950.D

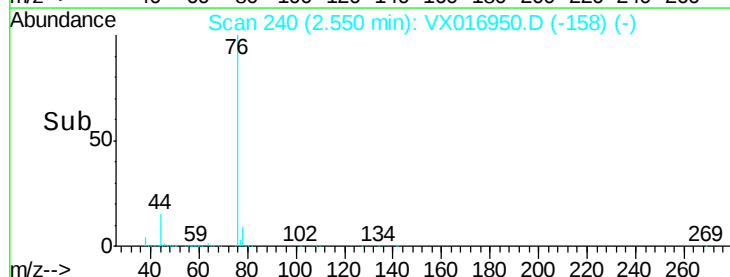
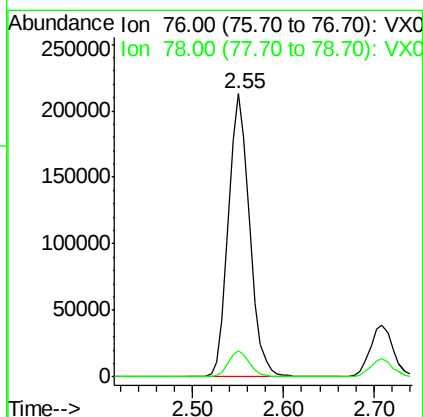
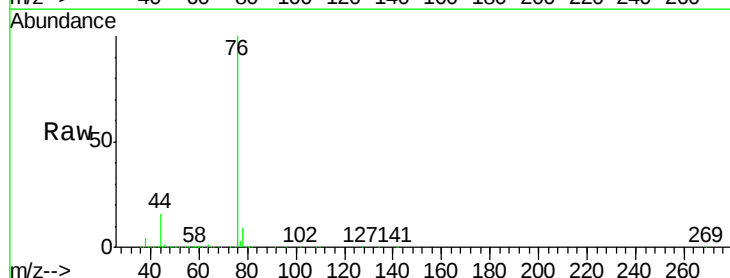
Acq: 25 Jun 2020 13:27

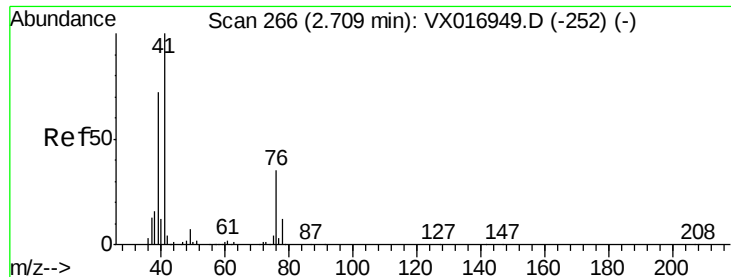
Tgt Ion: 76 Resp: 346229

Ion Ratio Lower Upper

76 100

78 9.2 7.6 11.4

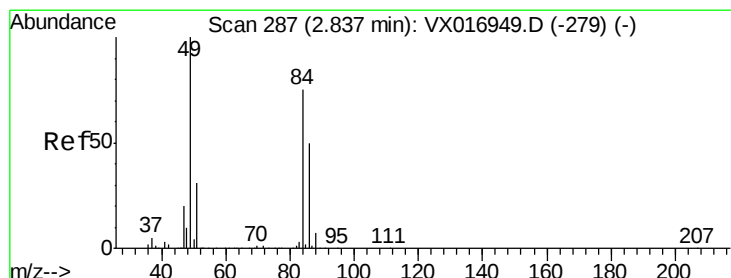
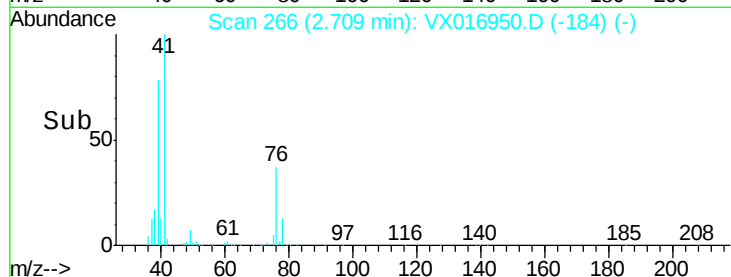
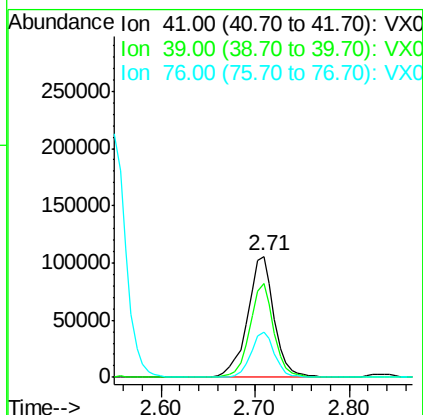
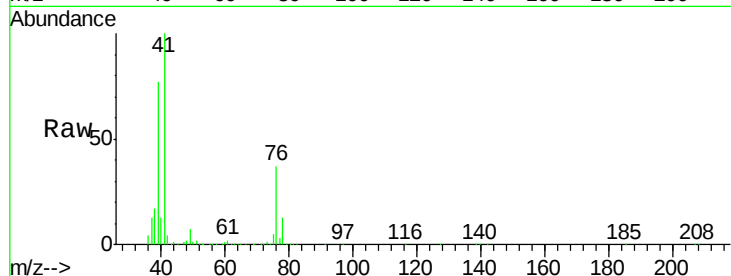




#17
 Allyl chloride
 Concen: 49.091 ug/l
 RT: 2.71 min Scan# 266
 Delta R.T. 0.00 min
 Lab File: VX016950.D
 Acq: 25 Jun 2020 13:27

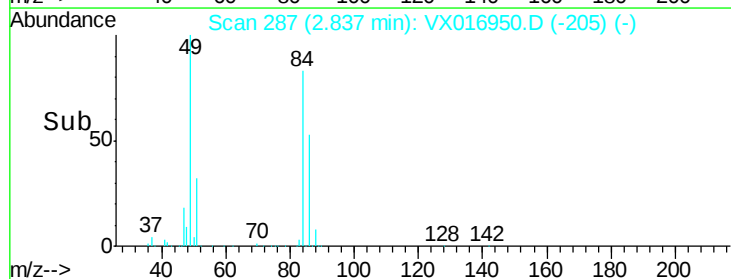
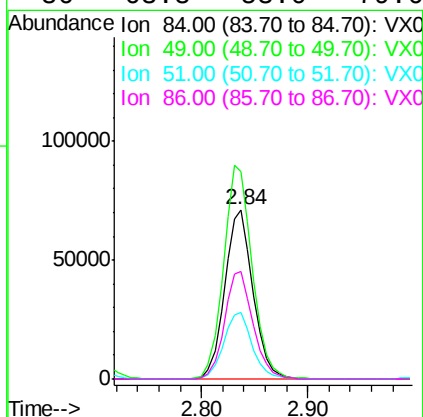
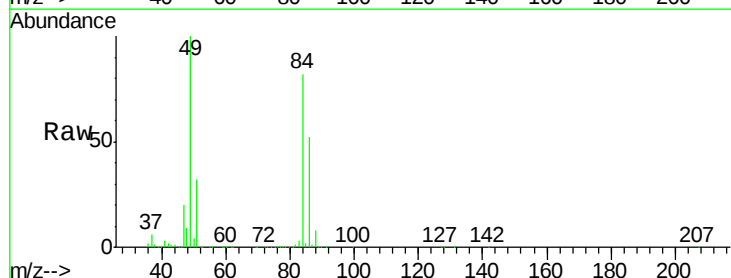
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

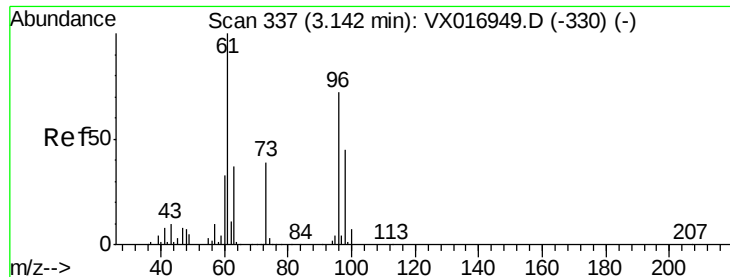
Tgt Ion: 41 Resp: 209246
 Ion Ratio Lower Upper
 41 100
 39 77.3 35.9 107.8
 76 36.7 17.6 52.8



#18
 Methylene Chloride
 Concen: 48.020 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX016950.D
 Acq: 25 Jun 2020 13:27

Tgt Ion: 84 Resp: 131692
 Ion Ratio Lower Upper
 84 100
 49 121.9 106.6 159.8
 51 39.0 32.7 49.1
 86 63.8 53.0 79.6

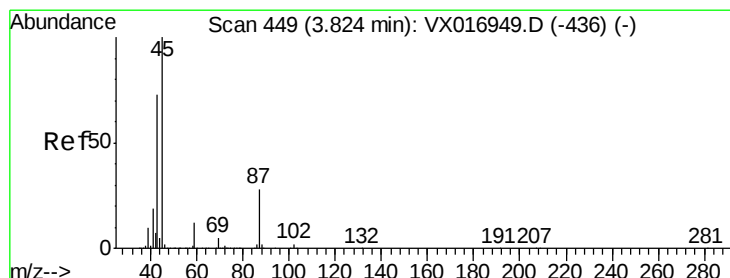
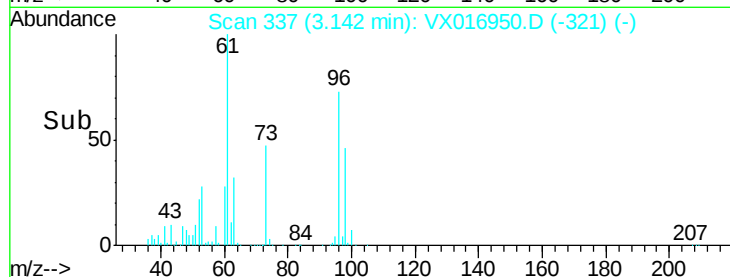
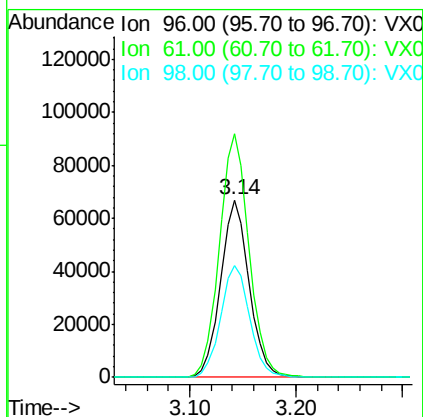
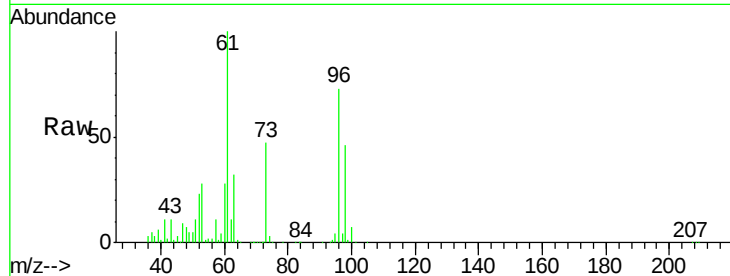




#19
trans-1,2-Dichloroethene
Concen: 48.617 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX016950.D
Acq: 25 Jun 2020 13:27

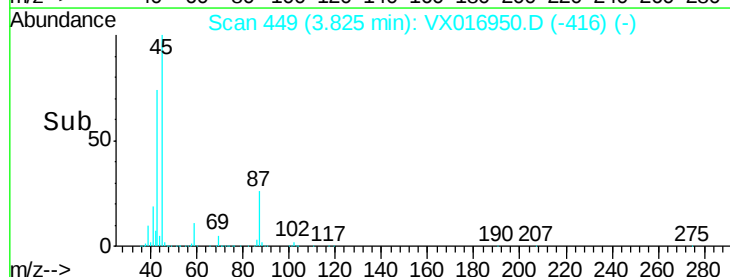
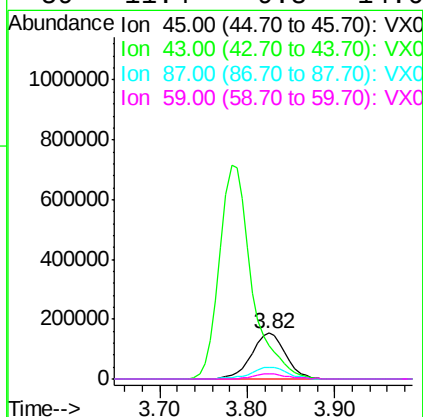
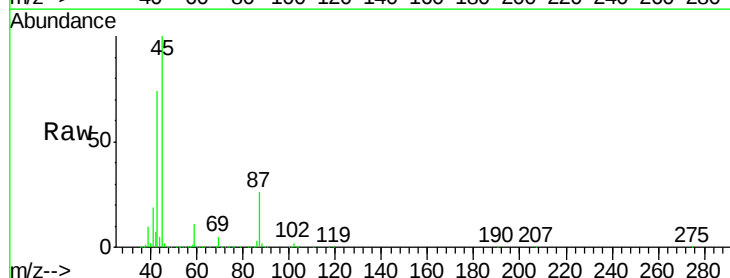
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

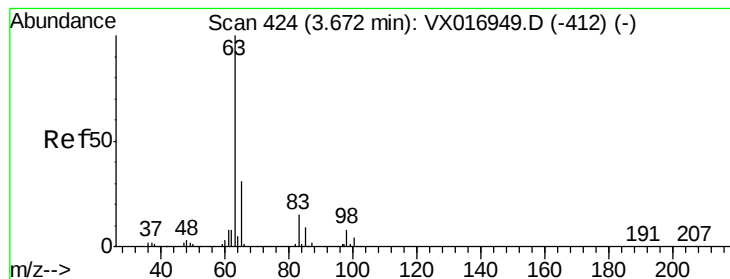
Tgt Ion: 96 Resp: 125421
Ion Ratio Lower Upper
96 100
61 136.8 110.6 165.8
98 62.9 49.8 74.6



#20
Diisopropyl ether
Concen: 48.685 ug/l
RT: 3.82 min Scan# 449
Delta R.T. 0.00 min
Lab File: VX016950.D
Acq: 25 Jun 2020 13:27

Tgt Ion: 45 Resp: 414710
Ion Ratio Lower Upper
45 100
43 73.8 63.9 95.9
87 26.4 22.2 33.4
59 11.4 9.8 14.6





#21

1,1-Dichloroethane

Concen: 48.449 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

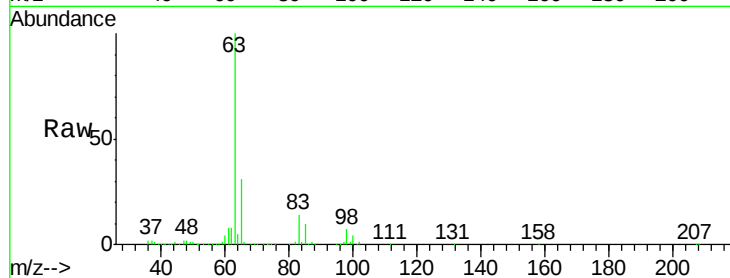
Tgt Ion: 63 Resp: 227570

Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.4

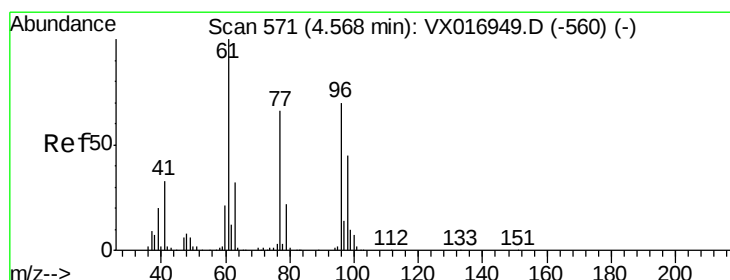
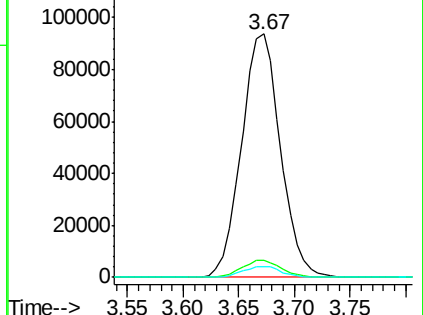
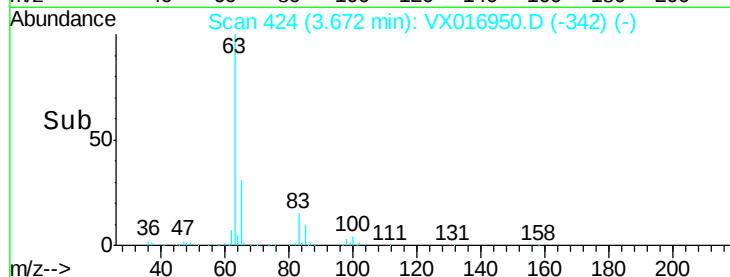
100 4.1 2.2 6.6



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 48.815 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

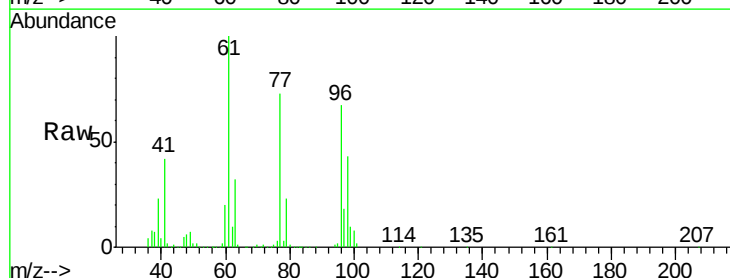
Tgt Ion: 96 Resp: 140209

Ion Ratio Lower Upper

96 100

61 149.1 120.8 181.2

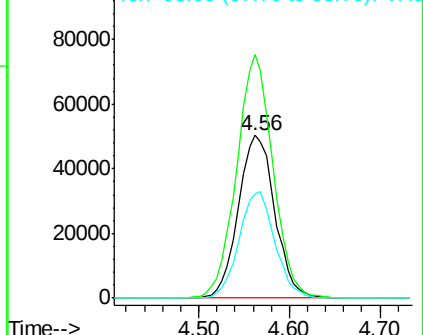
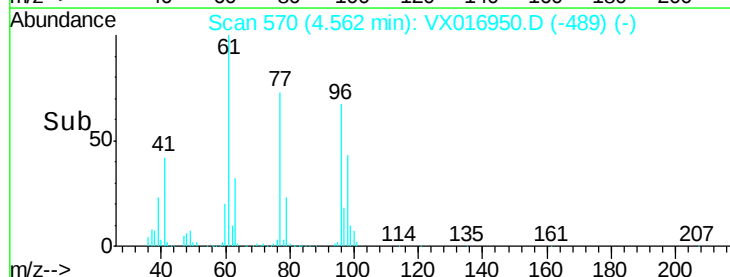
98 63.9 51.7 77.5

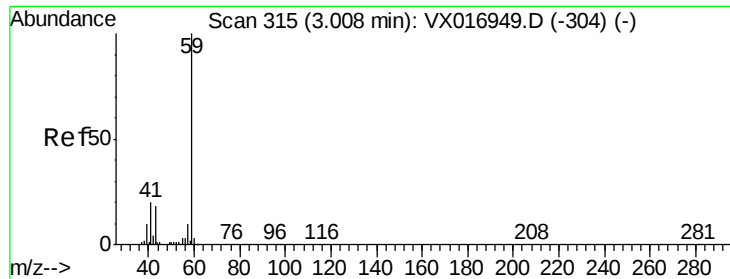


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

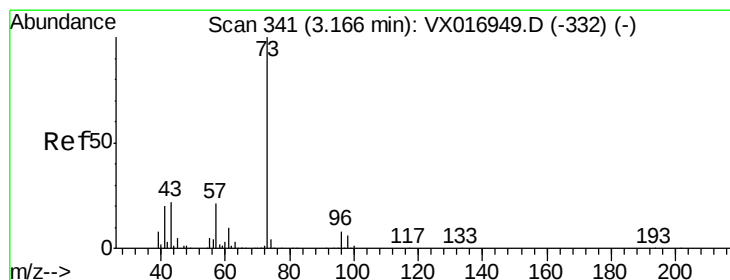
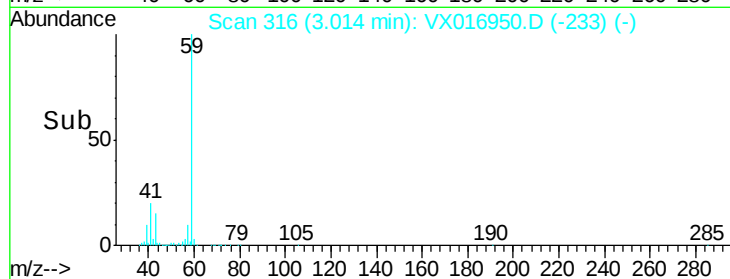
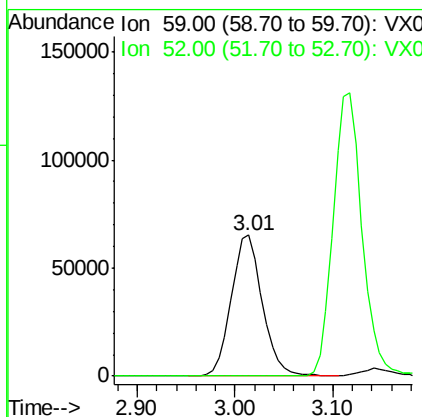
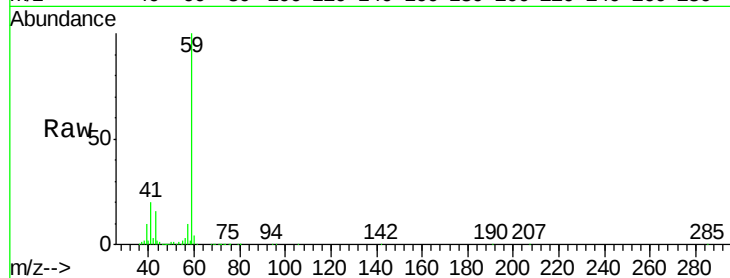




#23
 tert-Butyl Alcohol
 Concen: 900.759 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX016950.D
 Acq: 25 Jun 2020 13:27

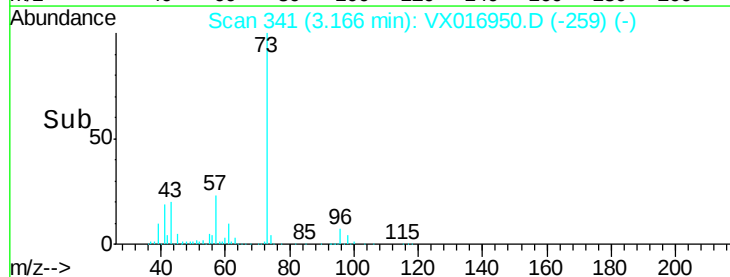
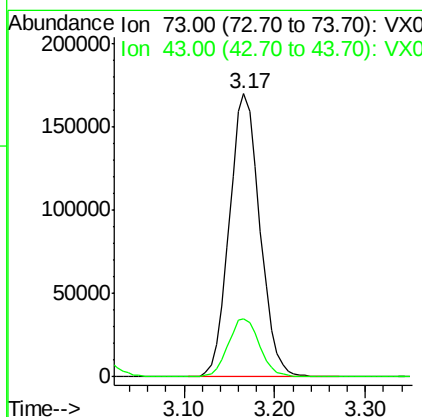
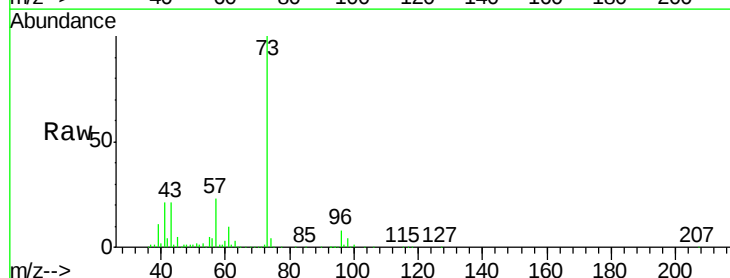
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

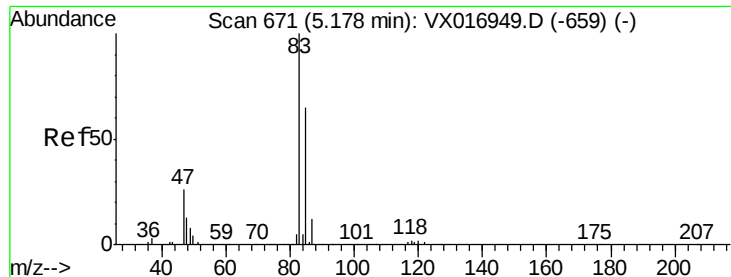
Tgt Ion: 59 Resp: 143626
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.1 0.1#



#24
 Methyl tert-Butyl Ether
 Concen: 48.835 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX016950.D
 Acq: 25 Jun 2020 13:27

Tgt Ion: 73 Resp: 397027
 Ion Ratio Lower Upper
 73 100
 43 21.1 17.2 25.8





#25

Chloroform

Concen: 48.546 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

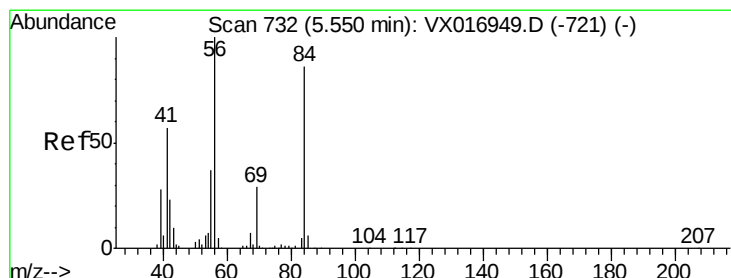
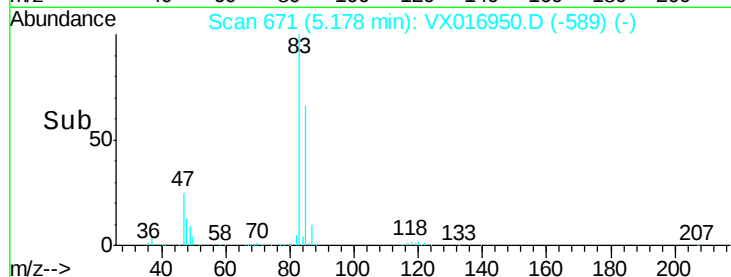
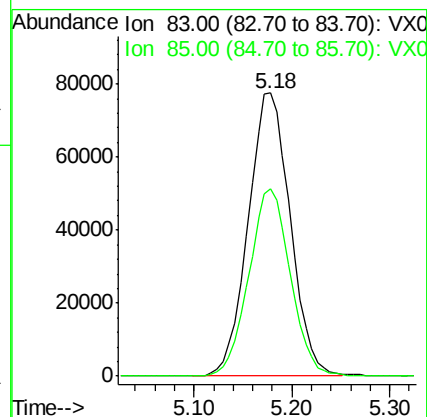
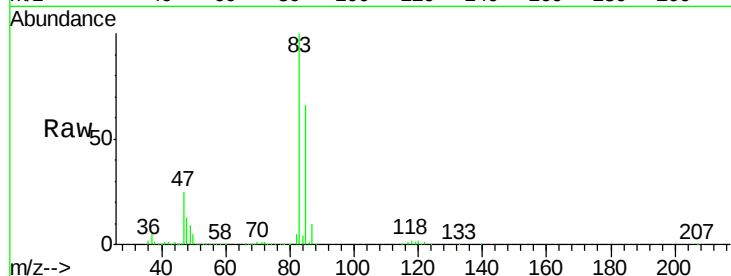
VSTDIC050

Tgt Ion: 83 Resp: 231190

Ion Ratio Lower Upper

83 100

85 66.0 52.1 78.1



#26

Cyclohexane

Concen: 49.064 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

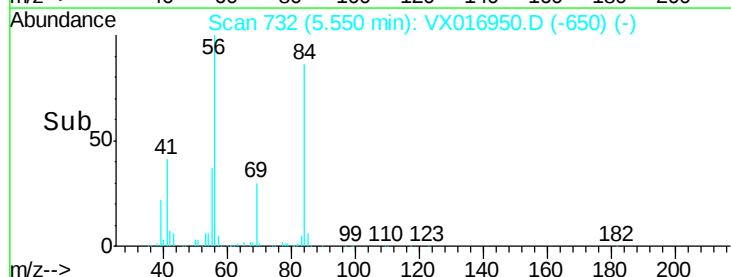
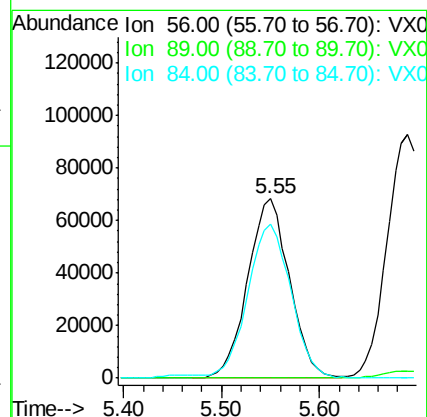
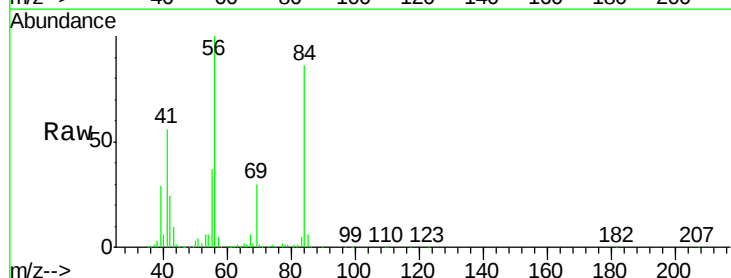
Tgt Ion: 56 Resp: 201034

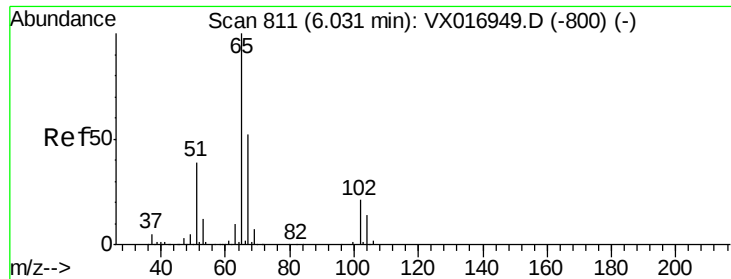
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

84 89.6 69.0 103.6





#27

1,2-Dichloroethane-d4

Concen: 29.420 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

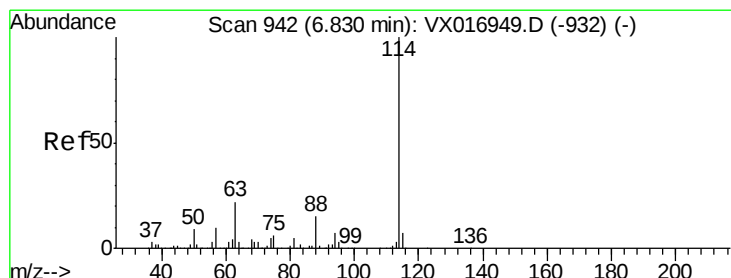
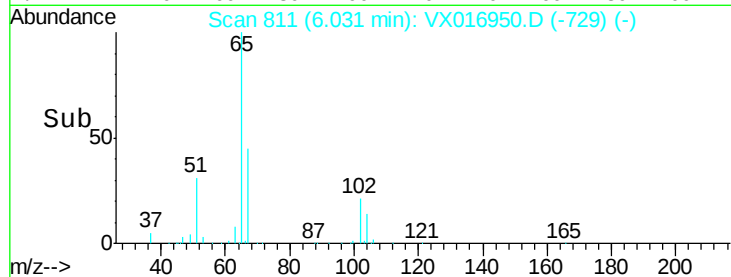
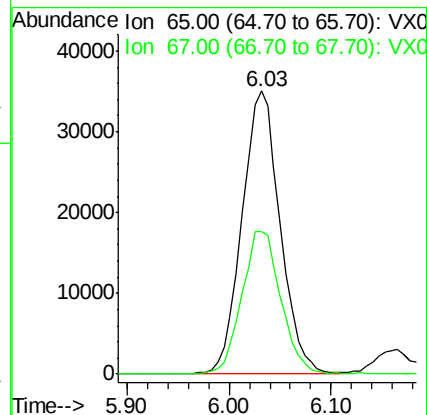
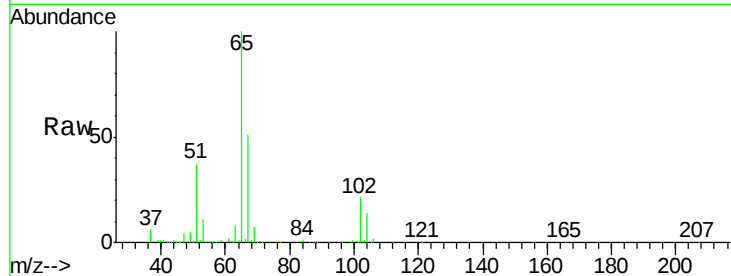
VSTDIC050

Tgt Ion: 65 Resp: 91077

Ion Ratio Lower Upper

65 100

67 51.3 41.5 62.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

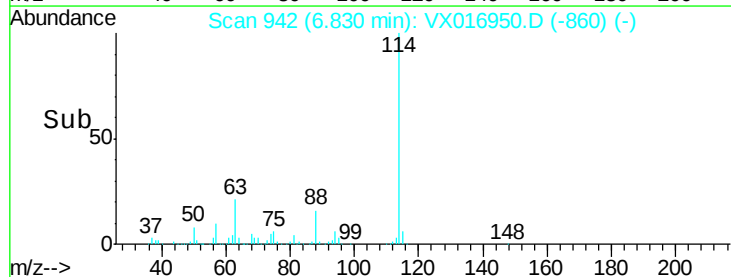
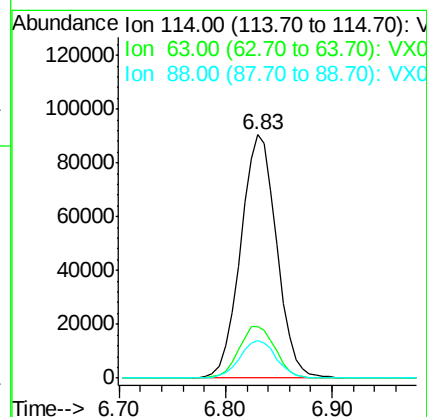
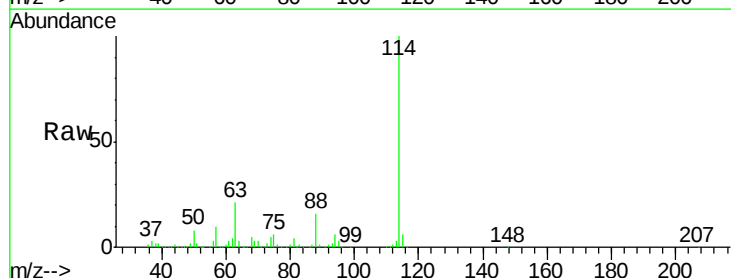
Tgt Ion: 114 Resp: 214000

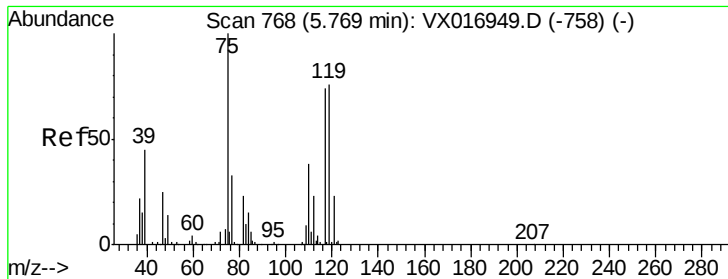
Ion Ratio Lower Upper

114 100

63 21.9 17.4 26.2

88 15.8 13.0 19.6





#29

1,1-Dichloropropene

Concen: 50.590 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

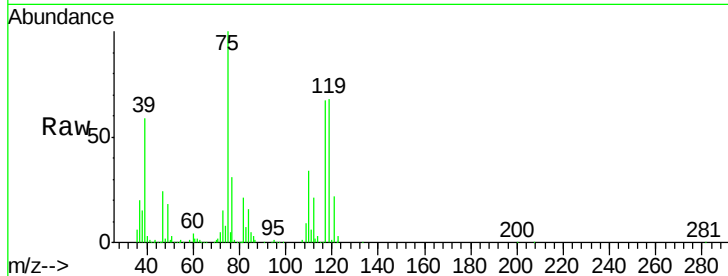
Tgt Ion: 75 Resp: 176364

Ion Ratio Lower Upper

75 100

110 34.5 0.0 71.6

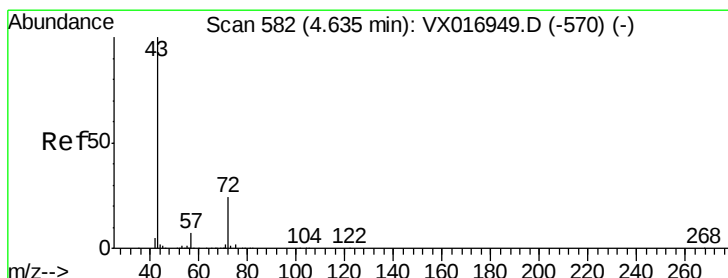
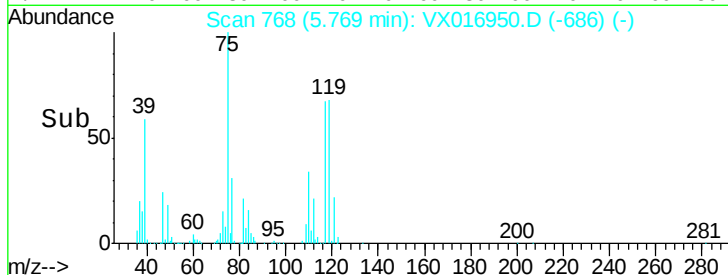
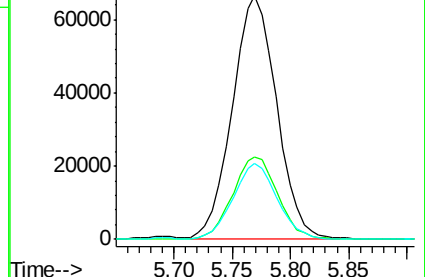
77 31.1 0.0 64.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 247.140 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

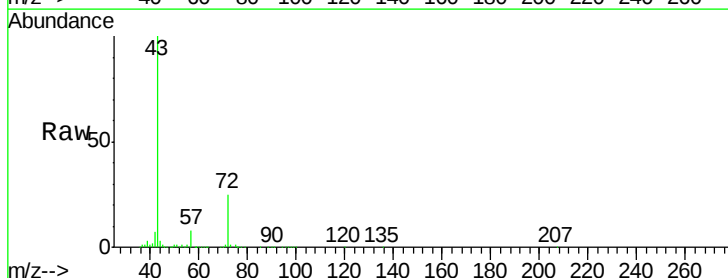
Tgt Ion: 43 Resp: 449085

Ion Ratio Lower Upper

43 100

57 8.0 6.2 9.4

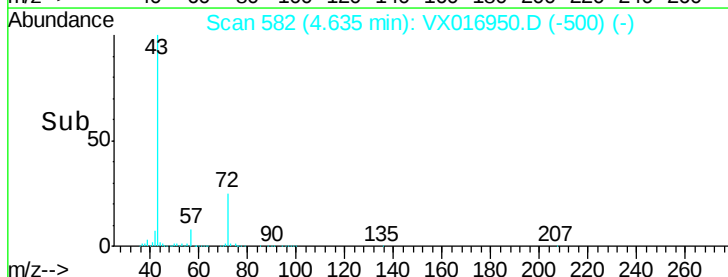
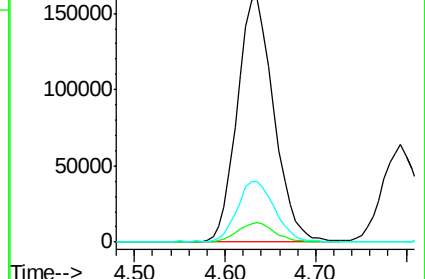
72 25.3 20.6 31.0

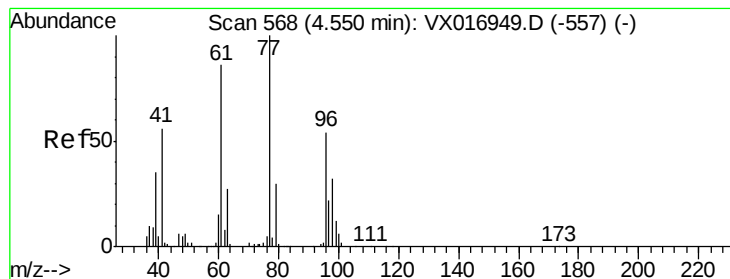


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 49.516 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

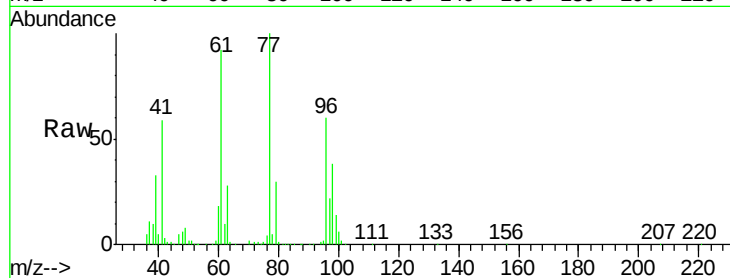
VSTDIC050

Tgt Ion: 77 Resp: 197971

Ion Ratio Lower Upper

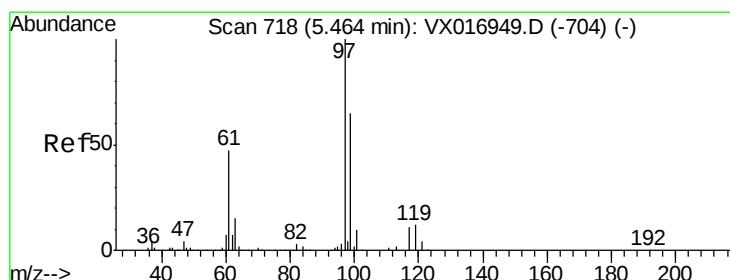
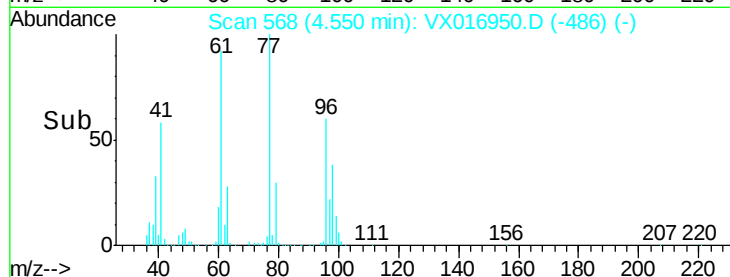
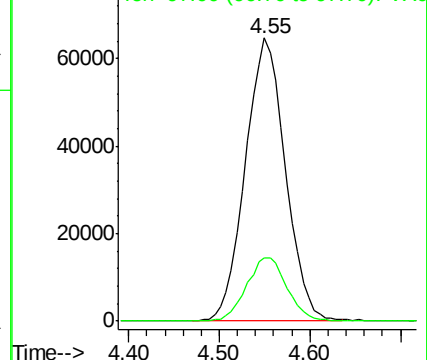
77 100

97 22.7 18.5 27.7



Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0



#32

1,1,1-Trichloroethane

Concen: 49.488 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

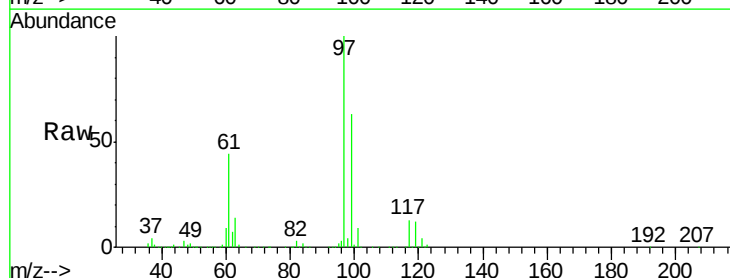
Tgt Ion: 97 Resp: 208755

Ion Ratio Lower Upper

97 100

99 64.8 52.2 78.2

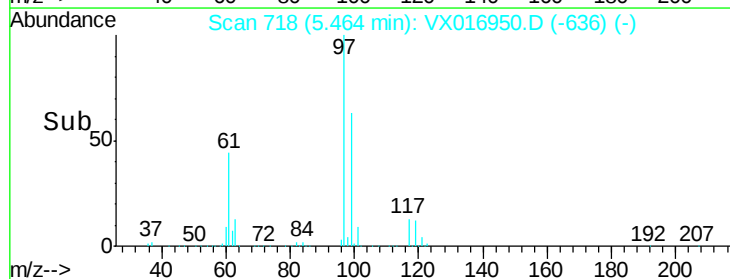
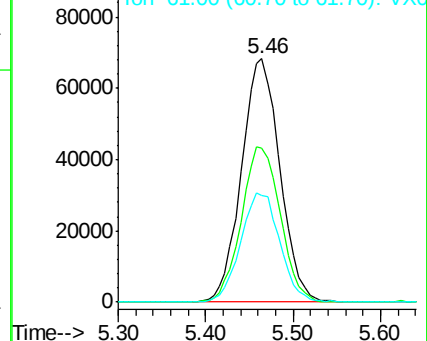
61 45.4 36.9 55.3

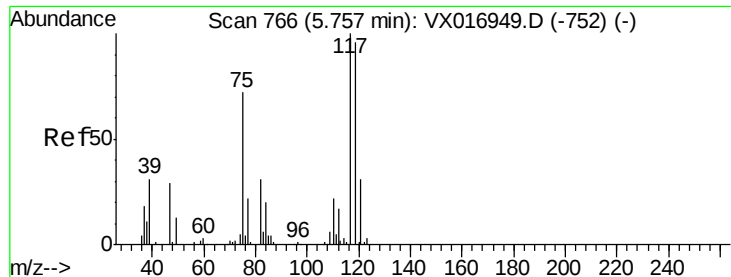


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#33

Carbon Tetrachloride

Concen: 50.077 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

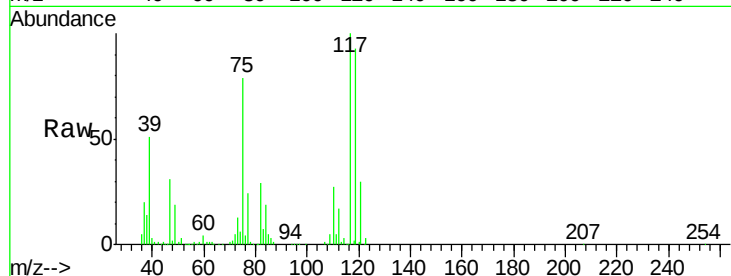
Tgt Ion:117 Resp: 187336

Ion Ratio Lower Upper

117 100

119 93.5 77.0 115.4

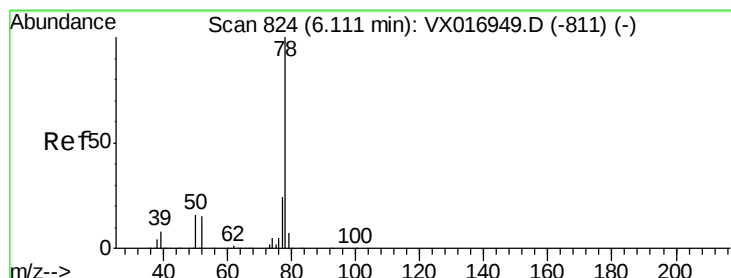
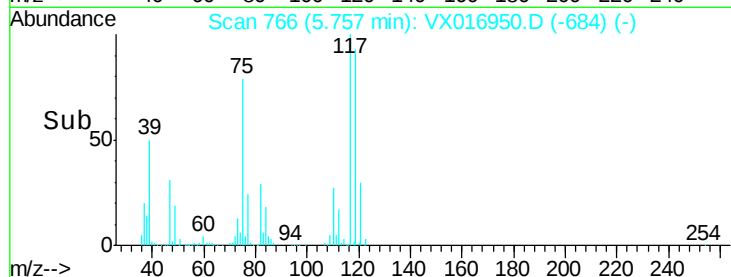
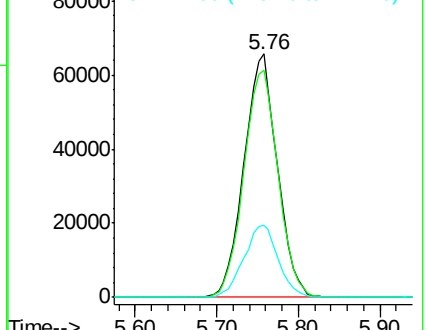
121 29.8 25.0 37.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 49.760 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

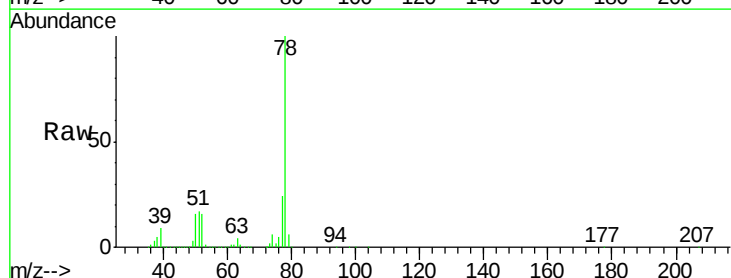
Tgt Ion: 78 Resp: 505102

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6

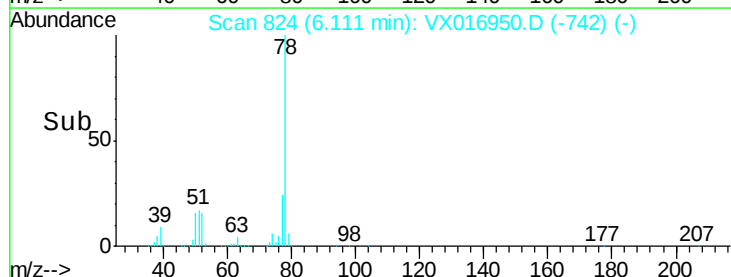
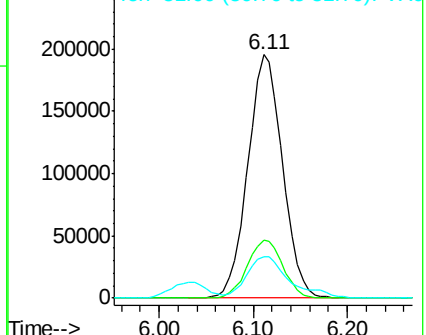
51 16.1 12.8 19.2

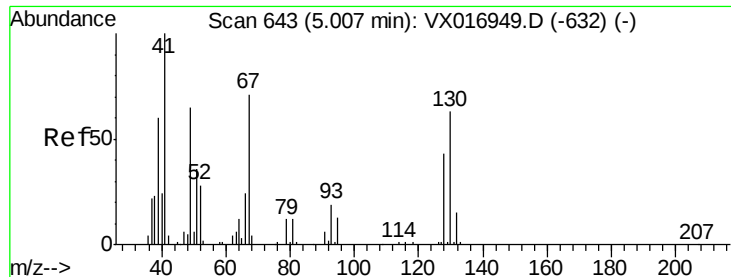


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

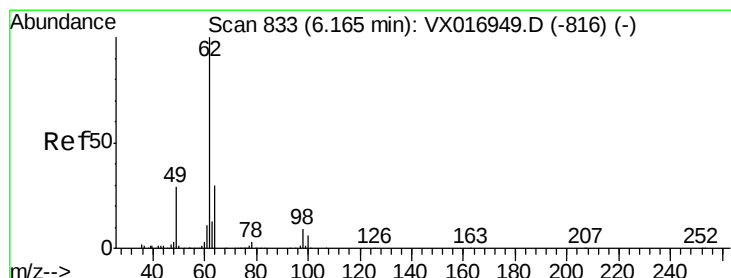
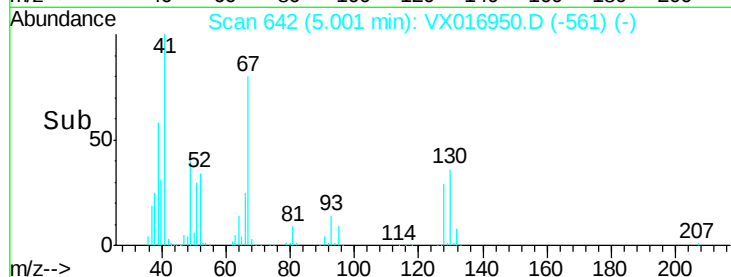
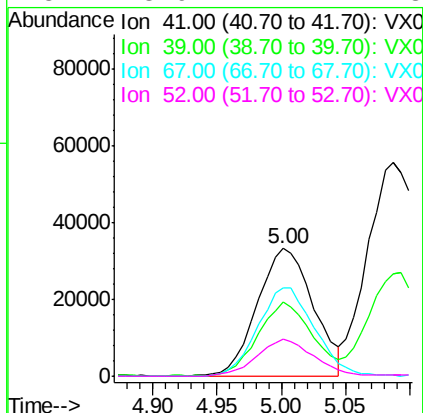
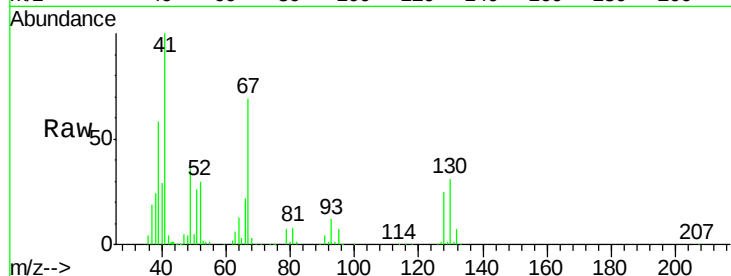




#35
Methacrylonitrile
Concen: 49.656 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016950.D
Acq: 25 Jun 2020 13:27

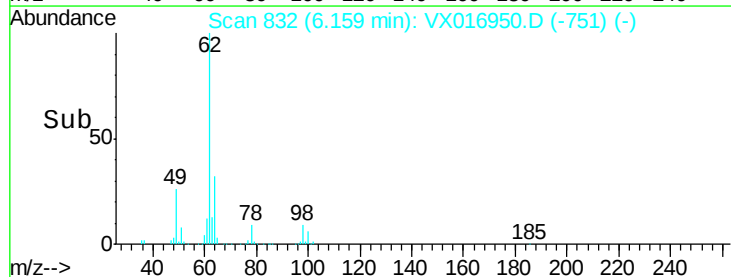
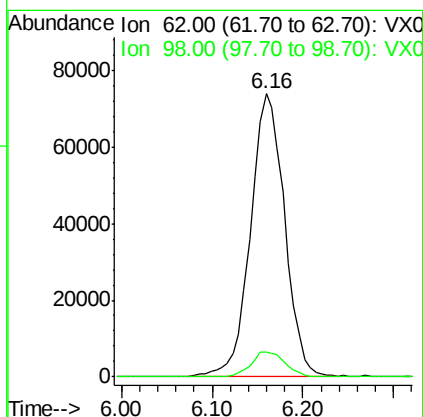
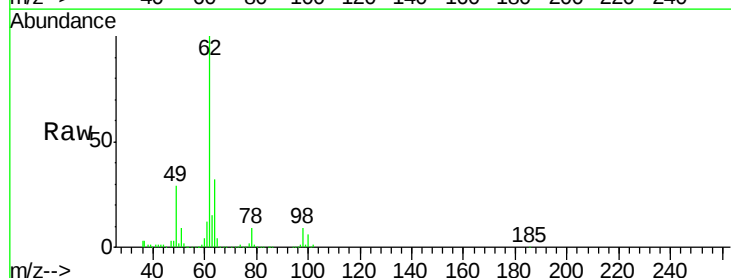
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

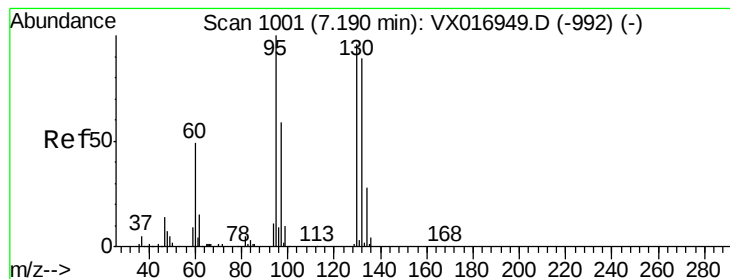
Tgt Ion:	41	Resp:	99582
Ion	Ratio	Lower	Upper
41	100		
39	57.4	29.8	89.5
67	69.5	35.3	105.9
52	28.9	14.1	42.3



#36
1,2-Dichloroethane
Concen: 49.417 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016950.D
Acq: 25 Jun 2020 13:27

Tgt Ion:	62	Resp:	192117
Ion	Ratio	Lower	Upper
62	100		
98	8.9	7.6	11.4





#37

Trichloroethene

Concen: 49.033 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

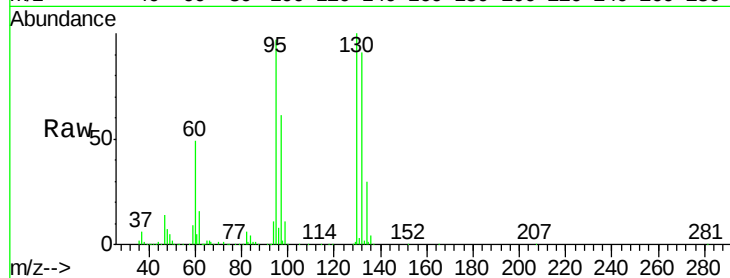
VSTDIC050

Tgt Ion:130 Resp: 135814

Ion Ratio Lower Upper

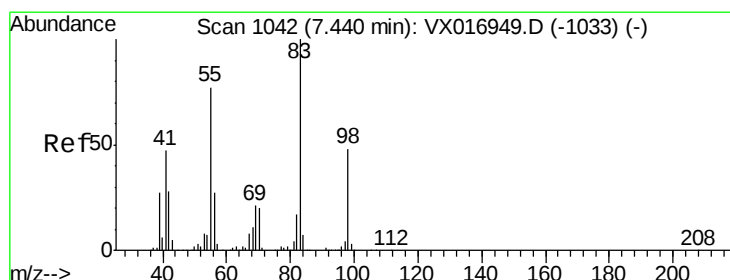
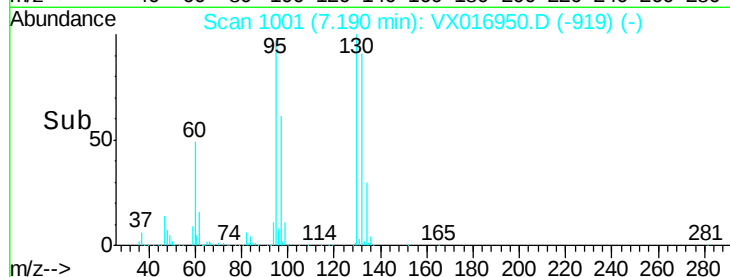
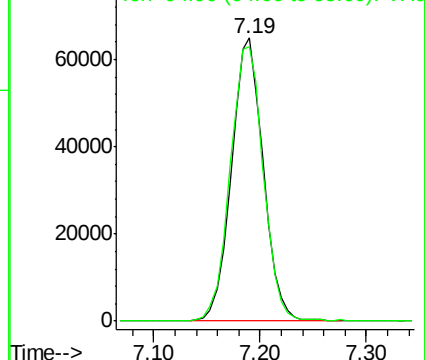
130 100

95 97.0 83.1 124.7



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 51.613 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

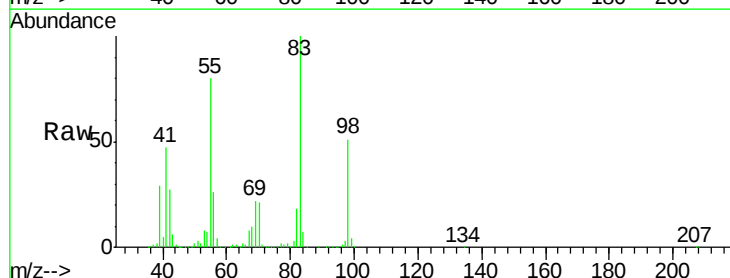
Tgt Ion: 83 Resp: 204907

Ion Ratio Lower Upper

83 100

55 77.1 38.1 114.5

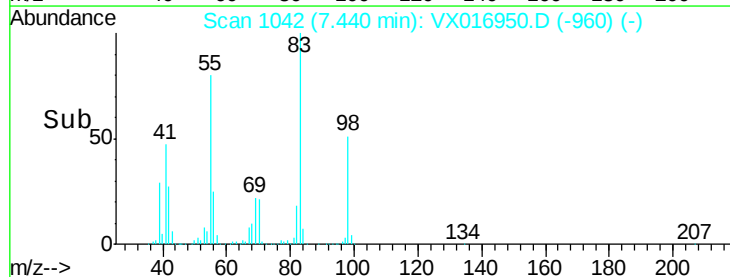
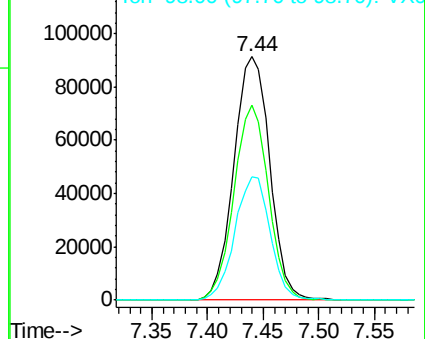
98 49.9 24.6 73.6

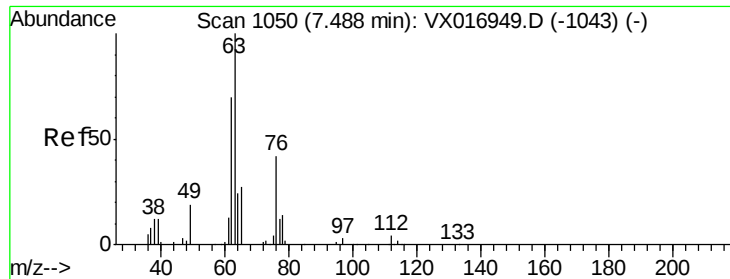


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 50.108 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

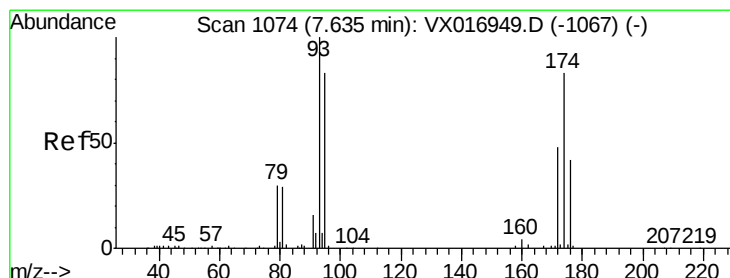
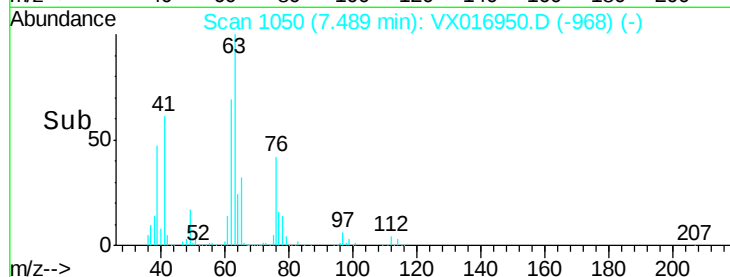
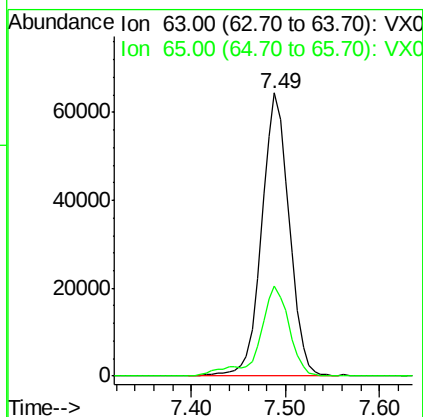
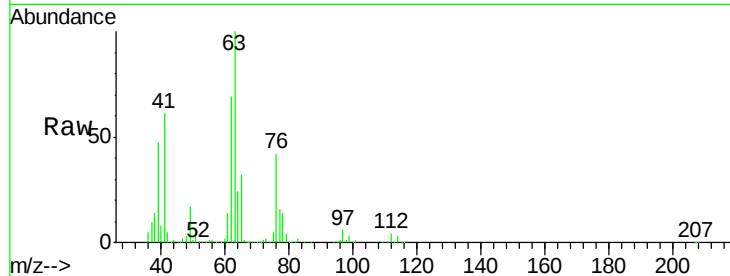
VSTDIC050

Tgt Ion: 63 Resp: 132513

Ion Ratio Lower Upper

63 100

65 31.9 22.8 34.2



#40

Dibromomethane

Concen: 49.962 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

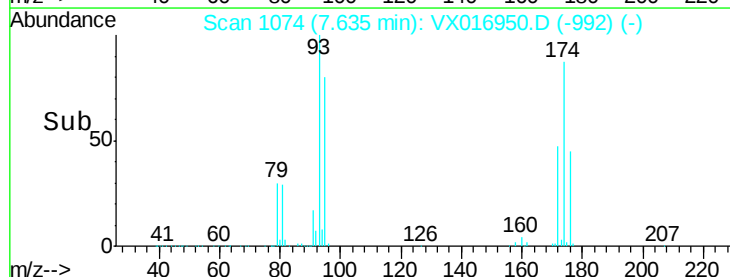
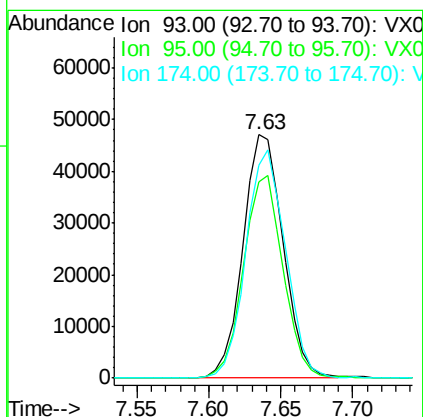
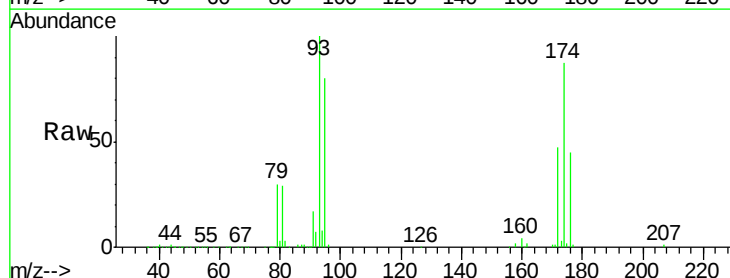
Tgt Ion: 93 Resp: 91063

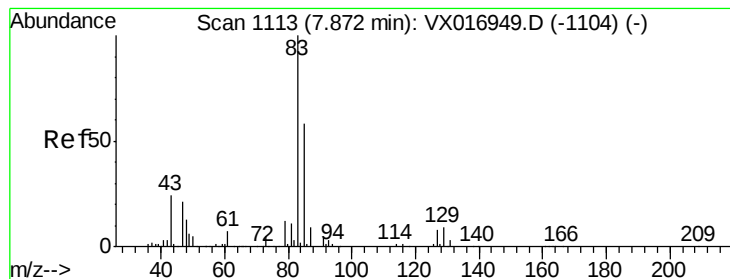
Ion Ratio Lower Upper

93 100

95 81.6 0.0 165.4

174 92.3 0.0 192.0





#41

Bromodichloromethane

Concen: 50.138 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

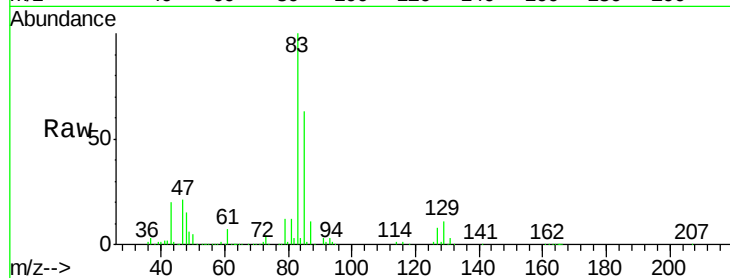
Tgt Ion: 83 Resp: 189229

Ion Ratio Lower Upper

83 100

85 62.8 46.7 70.1

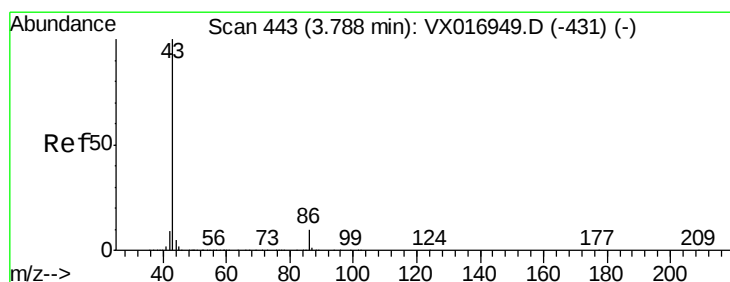
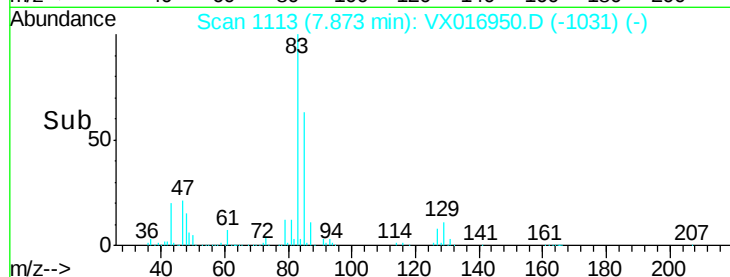
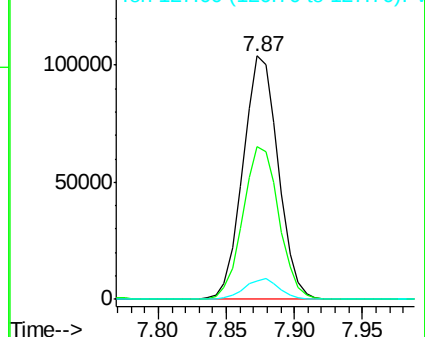
127 7.7 6.5 9.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 251.568 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016950.D

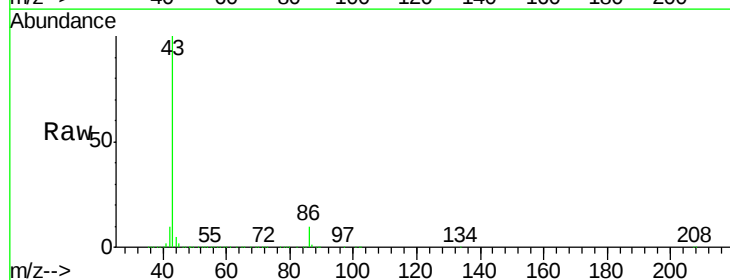
Acq: 25 Jun 2020 13:27

Tgt Ion: 43 Resp: 1842147

Ion Ratio Lower Upper

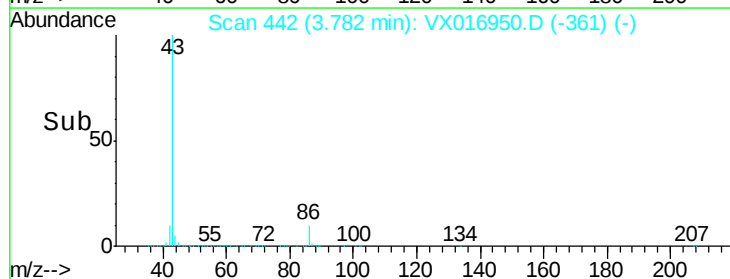
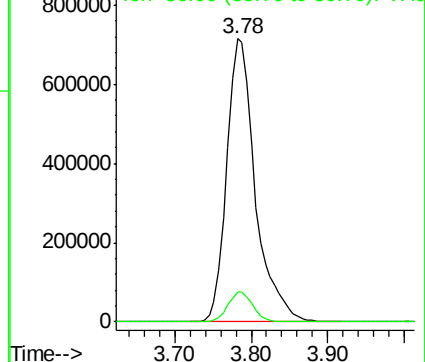
43 100

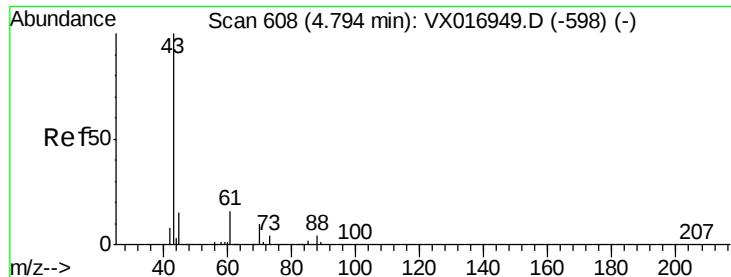
86 9.3 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 48.751 ug/l

RT: 4.79 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

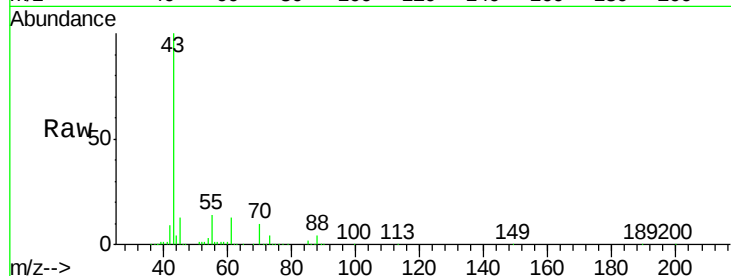
VSTDIC050

Tgt Ion: 43 Resp: 183033

Ion Ratio Lower Upper

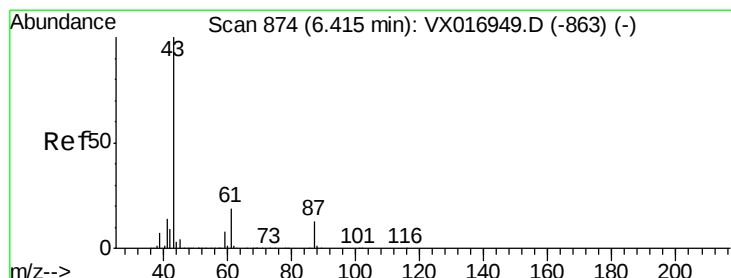
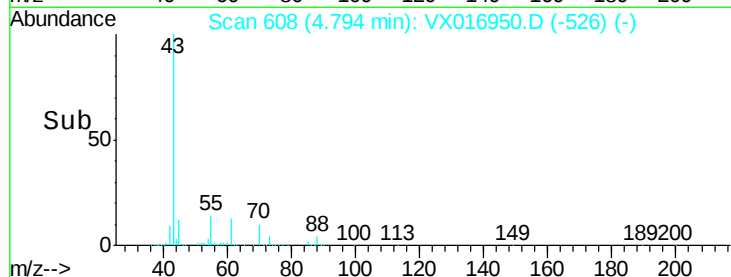
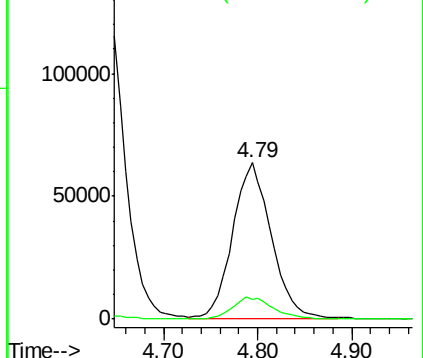
43 100

45 14.2 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 49.674 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016950.D

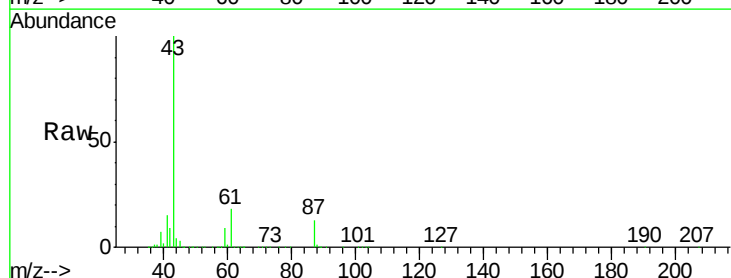
Acq: 25 Jun 2020 13:27

Tgt Ion: 43 Resp: 308185

Ion Ratio Lower Upper

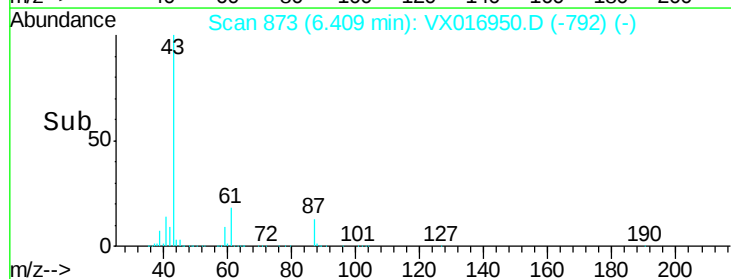
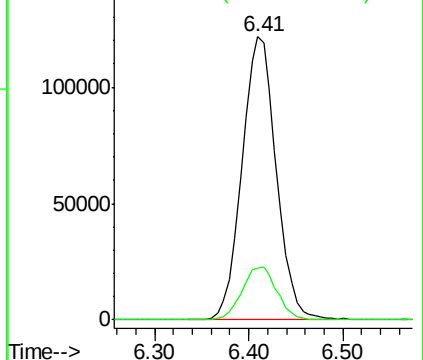
43 100

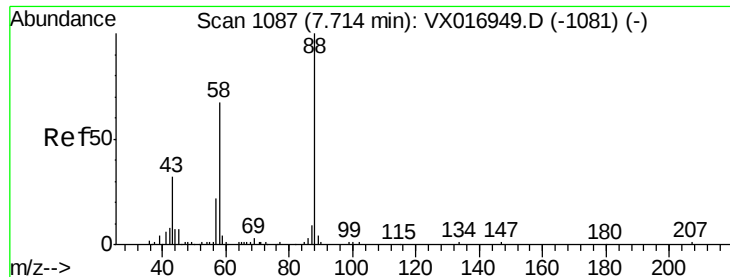
61 19.3 15.4 23.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

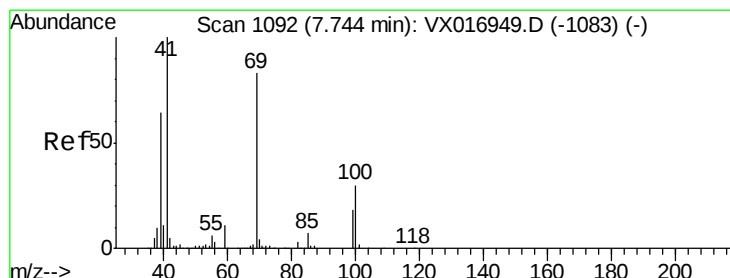
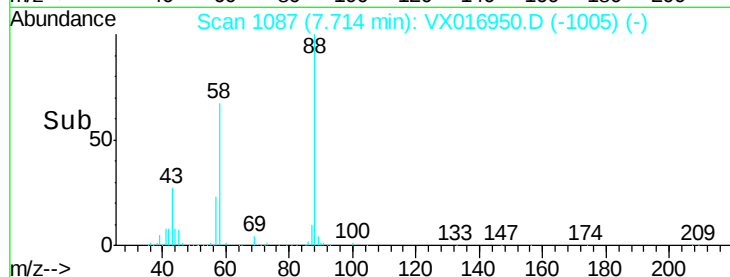
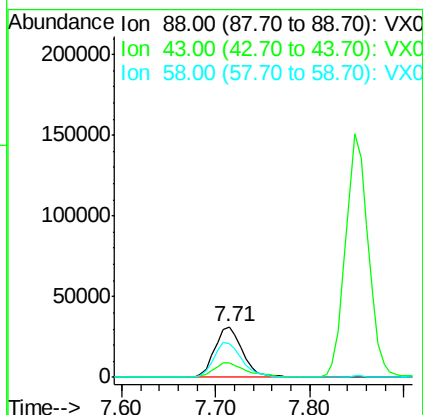
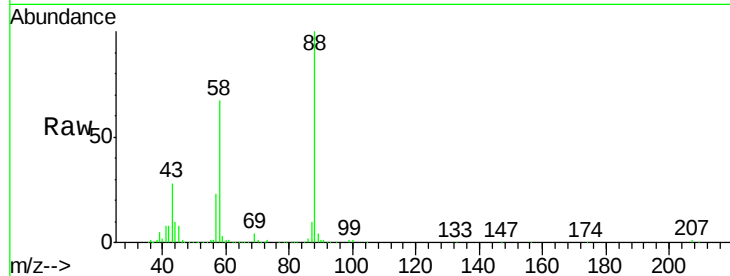




#45
 1,4-Dioxane
 Concen: 1017.266 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX016950.D
 Acq: 25 Jun 2020 13:27

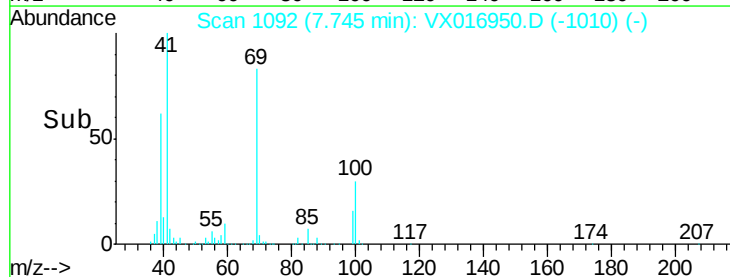
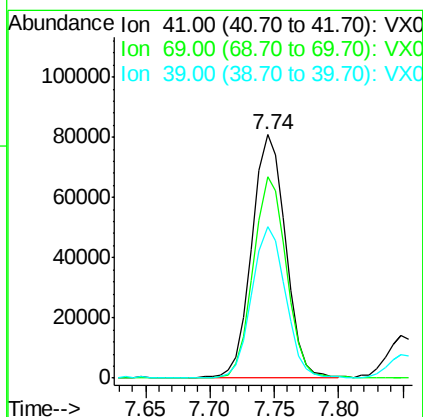
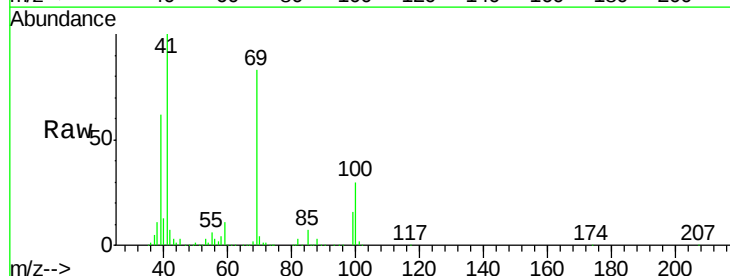
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

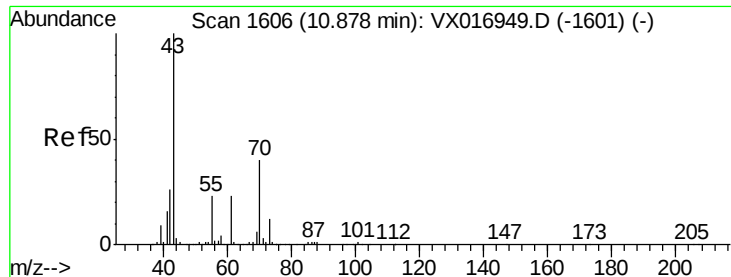
Tgt Ion: 88 Resp: 63671
 Ion Ratio Lower Upper
 88 100
 43 32.9 28.9 43.3
 58 70.8 56.7 85.1



#46
 Methyl methacrylate
 Concen: 50.963 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: VX016950.D
 Acq: 25 Jun 2020 13:27

Tgt Ion: 41 Resp: 146321
 Ion Ratio Lower Upper
 41 100
 69 82.5 41.3 123.9
 39 62.2 32.0 96.2





#47

n-amy1 Acetate

Concen: 50.729 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA_X

ClientSampled :

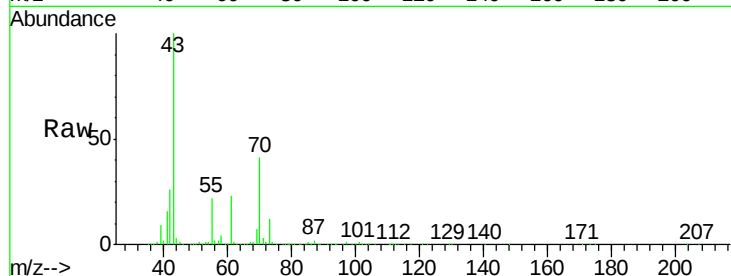
VSTDIC050

Tgt Ion: 43 Resp: 278194

Ion Ratio Lower Upper

43 100

55 22.8 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.88

250000

200000

150000

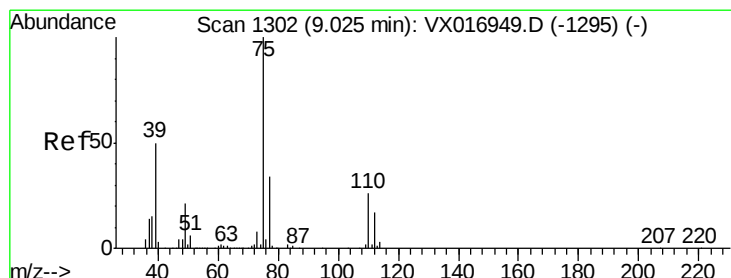
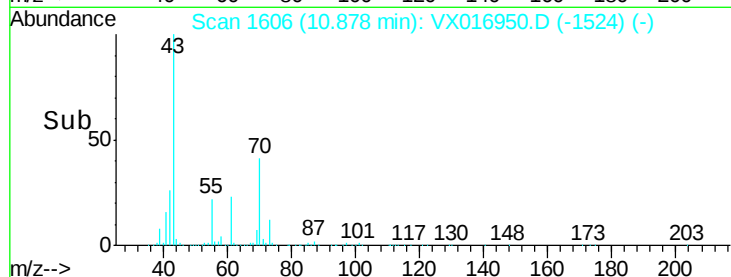
100000

50000

0

Time-->

10.85 10.90



#48

t-1,3-Dichloropropene

Concen: 50.634 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016950.D

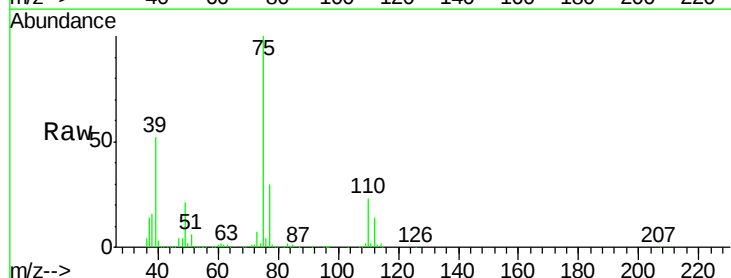
Acq: 25 Jun 2020 13:27

Tgt Ion: 75 Resp: 211301

Ion Ratio Lower Upper

75 100

77 30.2 27.0 40.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

9.02

150000

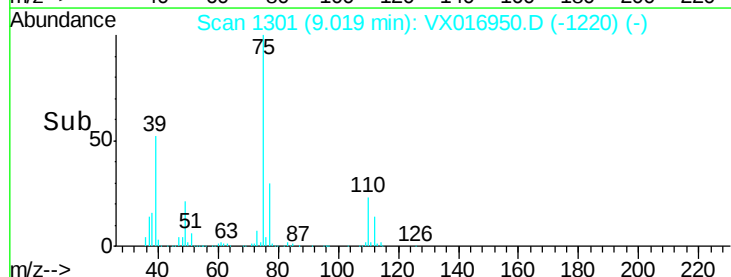
100000

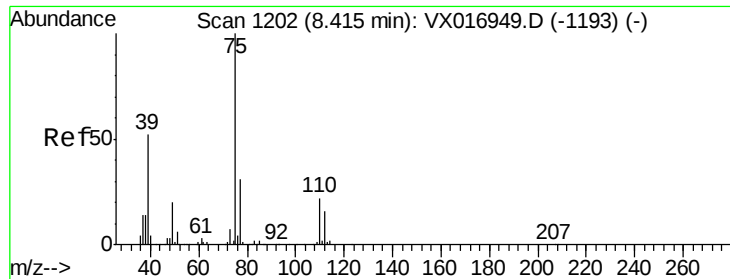
50000

0

Time-->

8.95 9.00 9.05 9.10



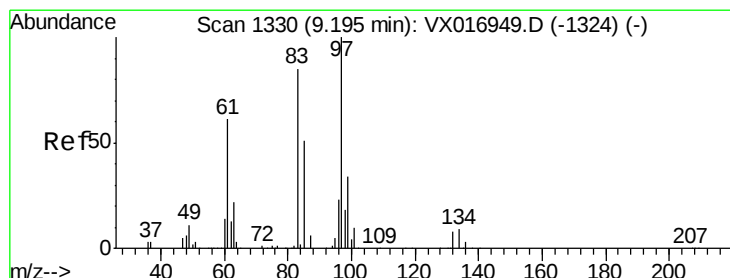
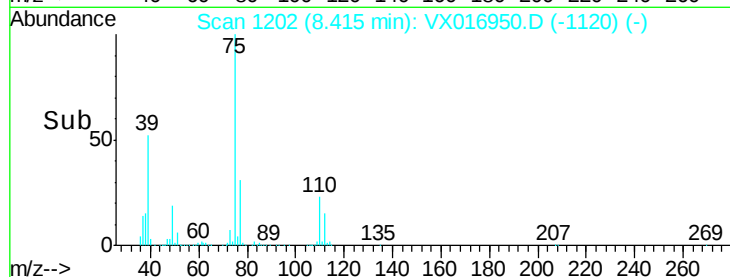
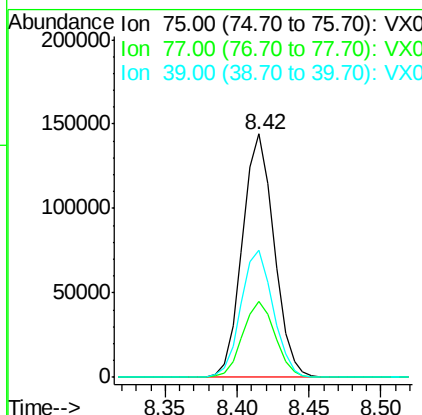
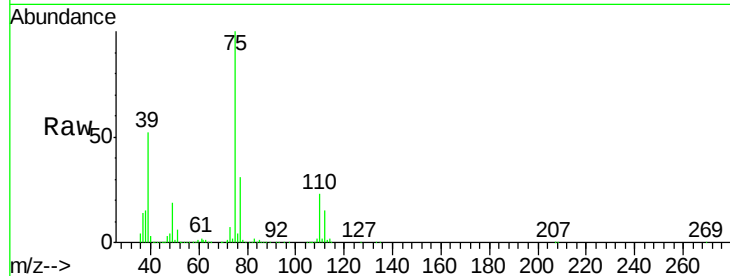


#49

cis-1,3-Dichloropropene
Concen: 50.377 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX016950.D
Acq: 25 Jun 2020 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

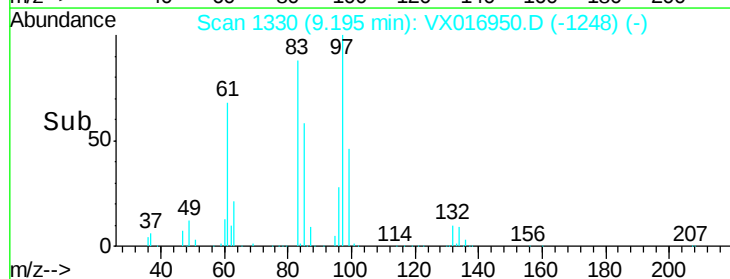
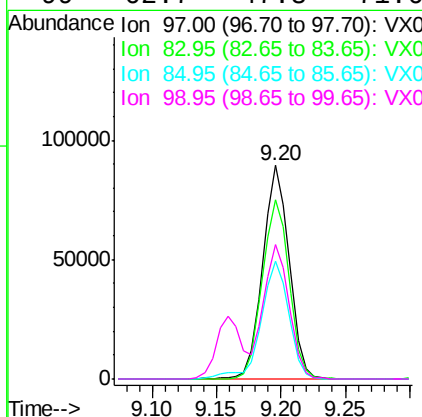
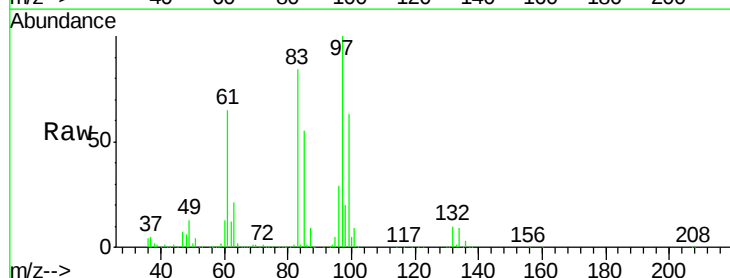
Tgt Ion:	75	Resp:	220937
Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.8	37.2
39	52.2	41.8	62.6

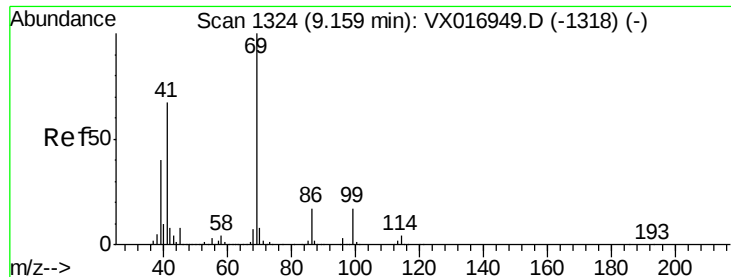


#50

1,1,2-Trichloroethane
Concen: 50.138 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VX016950.D
Acq: 25 Jun 2020 13:27

Tgt Ion:	97	Resp:	127537
Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.4	101.0
85	55.4	42.9	64.3
99	62.7	47.8	71.6





#51

Ethyl methacrylate

Concen: 50.665 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

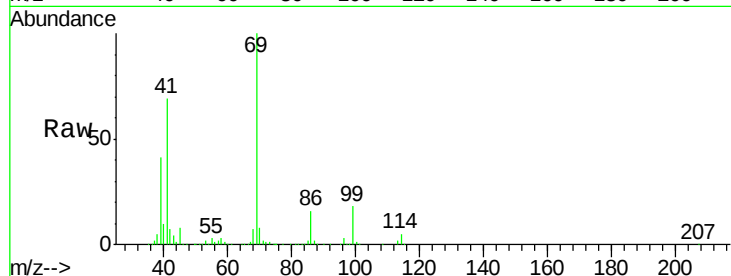
Tgt Ion: 69 Resp: 197784

Ion Ratio Lower Upper

69 100

41 68.6 33.7 101.1

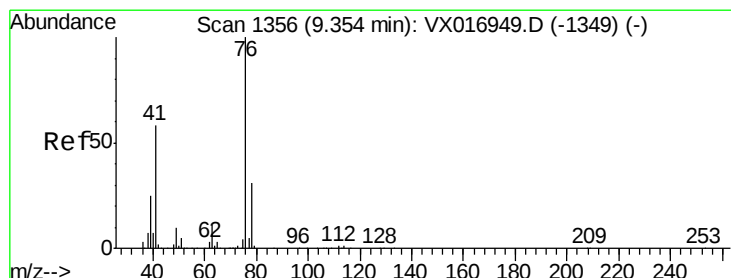
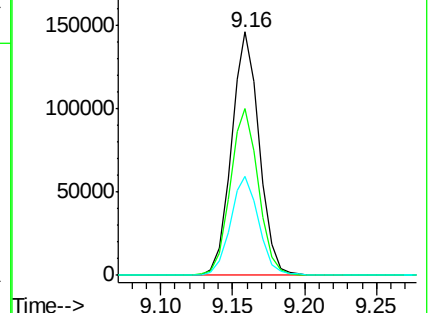
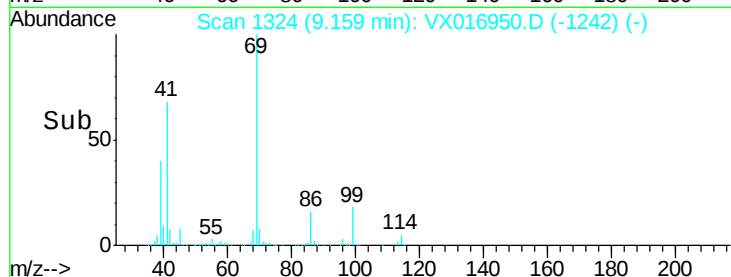
39 40.8 19.9 59.7



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 50.309 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016950.D

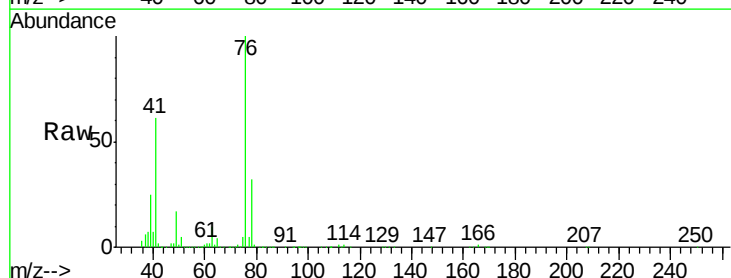
Acq: 25 Jun 2020 13:27

Tgt Ion: 76 Resp: 219708

Ion Ratio Lower Upper

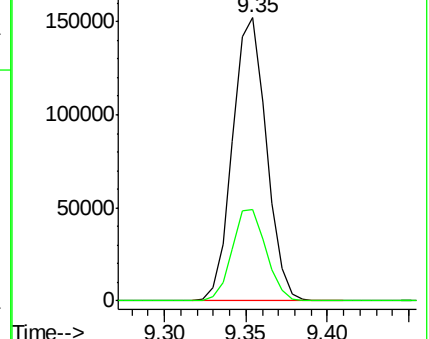
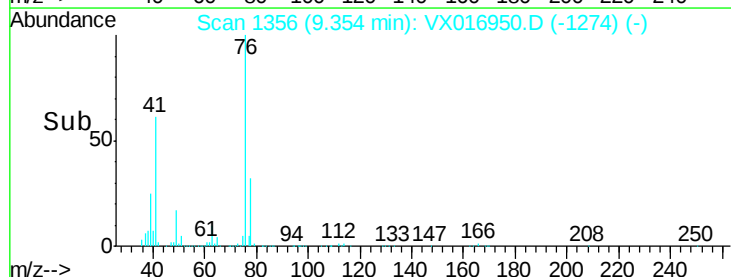
76 100

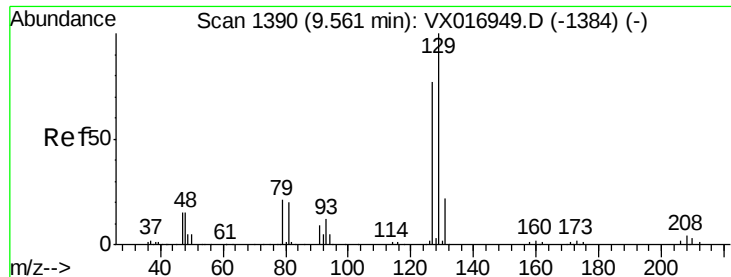
78 32.7 0.0 62.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

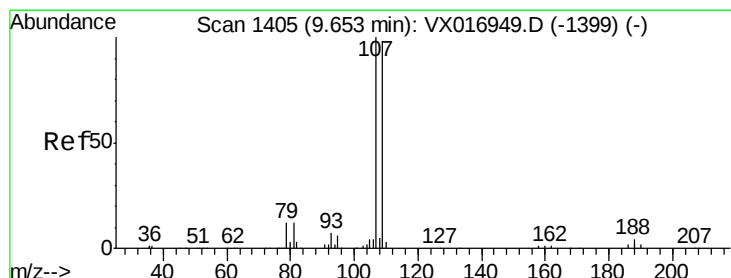
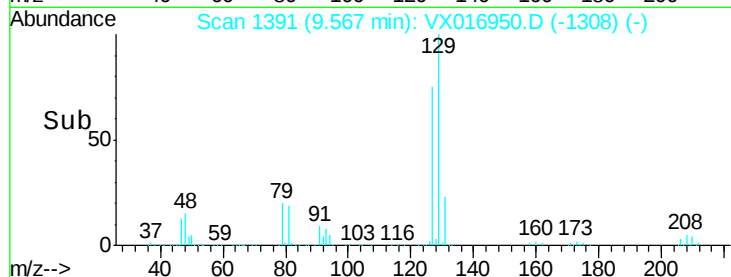
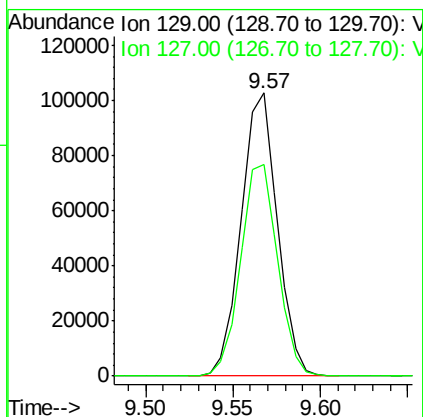
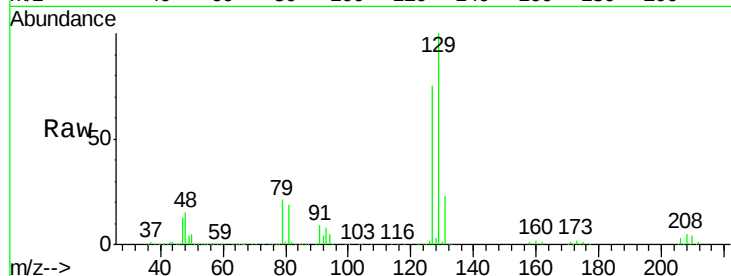




#53
Dibromochloromethane
Concen: 50.587 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VX016950.D
Acq: 25 Jun 2020 13:27

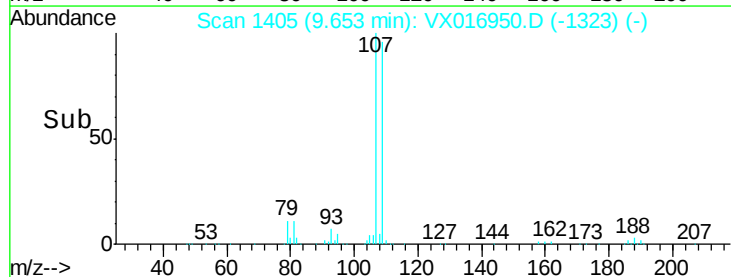
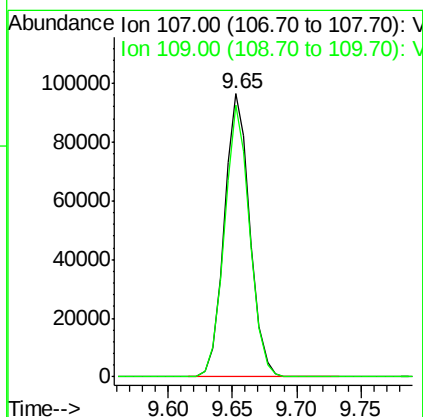
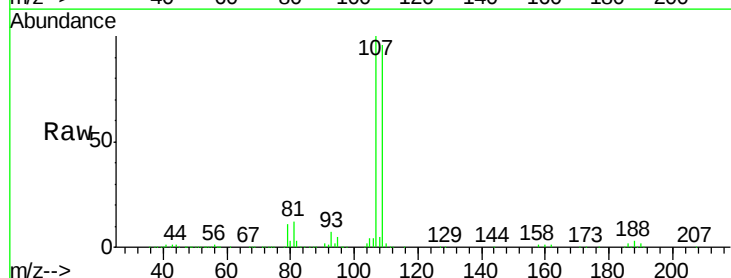
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

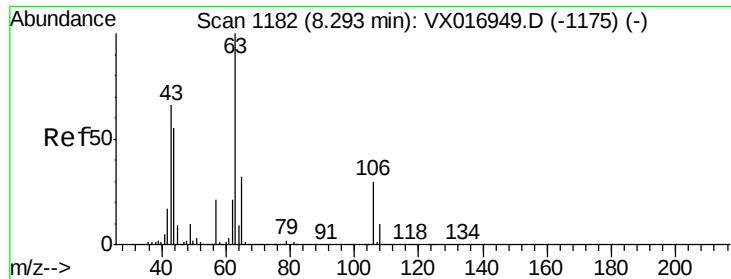
Tgt Ion:129 Resp: 147901
Ion Ratio Lower Upper
129 100
127 76.4 38.7 116.1



#54
1,2-Dibromoethane
Concen: 49.702 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. 0.00 min
Lab File: VX016950.D
Acq: 25 Jun 2020 13:27

Tgt Ion:107 Resp: 134156
Ion Ratio Lower Upper
107 100
109 95.0 75.0 112.6

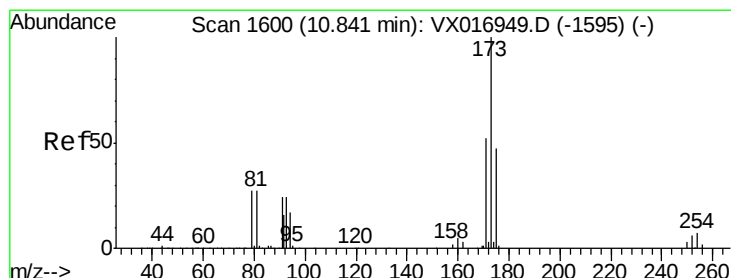
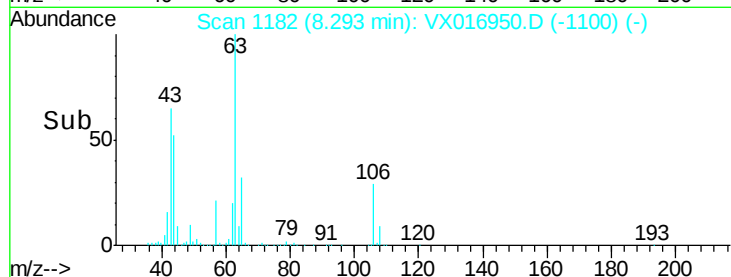
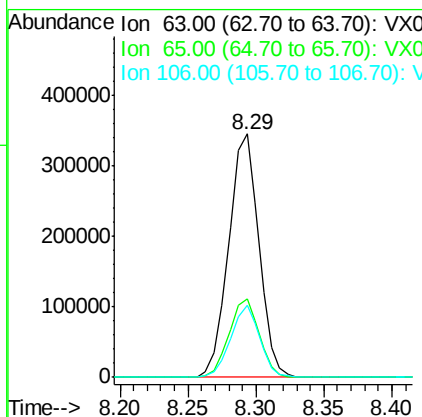
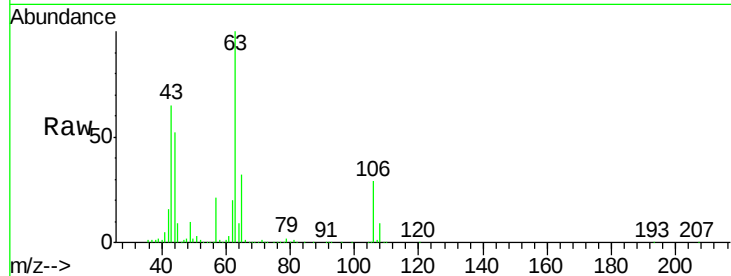




#55
 2-Chloroethyl vinyl ether
 Concen: 258.630 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX016950.D
 Acq: 25 Jun 2020 13:27

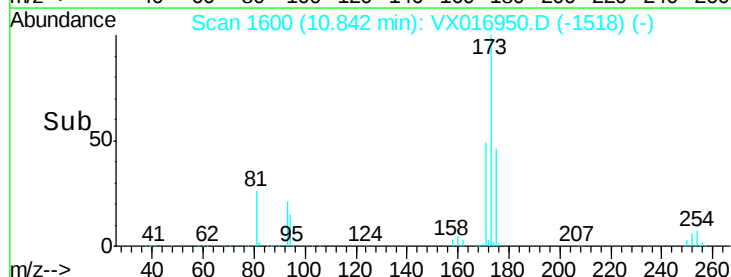
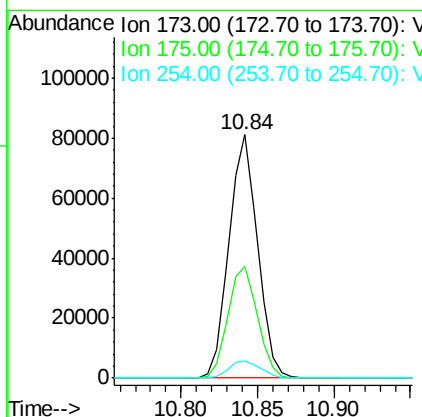
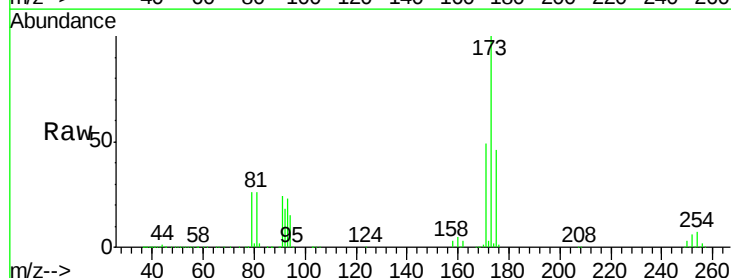
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

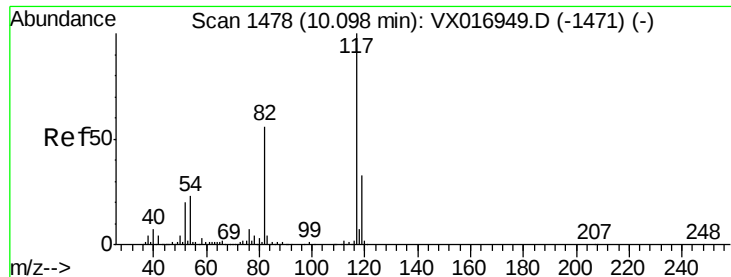
Tgt Ion: 63 Resp: 531302
 Ion Ratio Lower Upper
 63 100
 65 32.2 25.9 38.9
 106 28.4 22.6 33.8



#56
 Bromoform
 Concen: 50.494 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VX016950.D
 Acq: 25 Jun 2020 13:27

Tgt Ion: 173 Resp: 104794
 Ion Ratio Lower Upper
 173 100
 175 47.2 38.7 58.1
 254 7.6 5.8 8.6

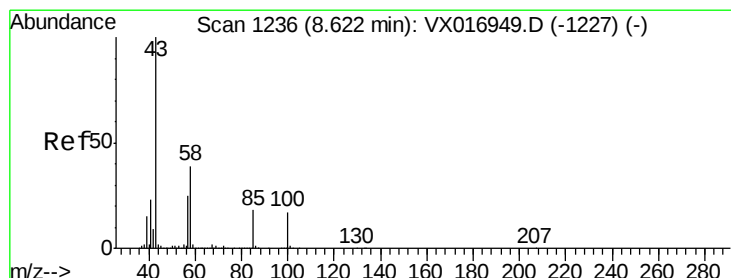
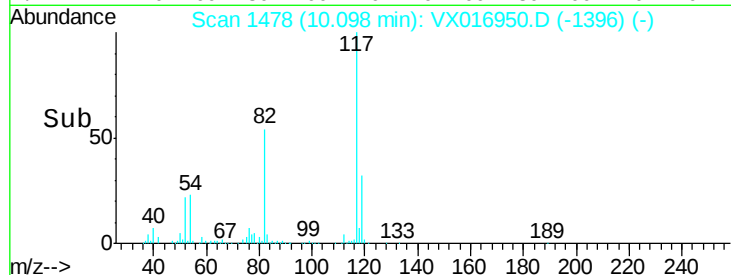
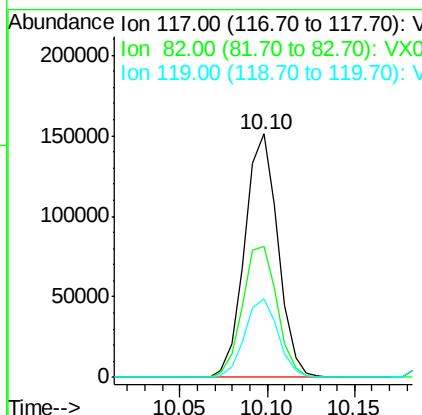
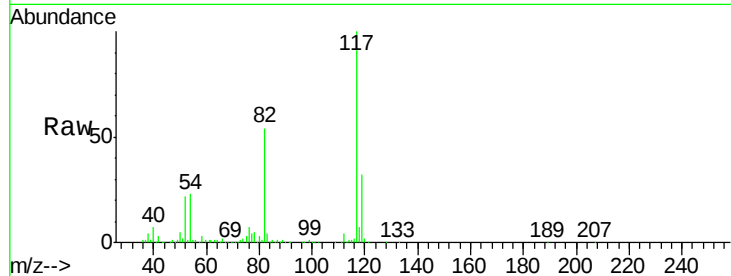




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016950.D
Acq: 25 Jun 2020 13:27

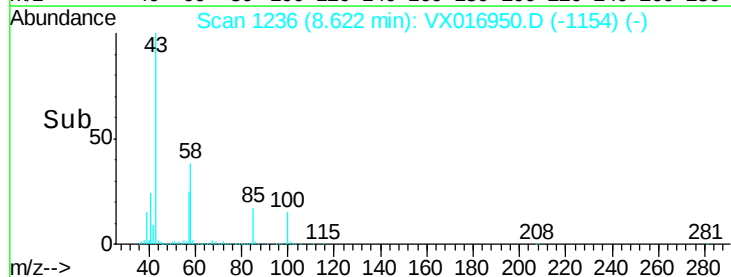
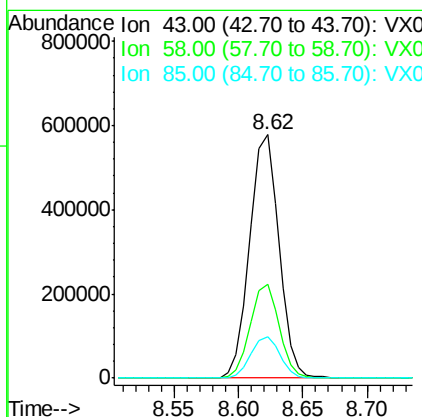
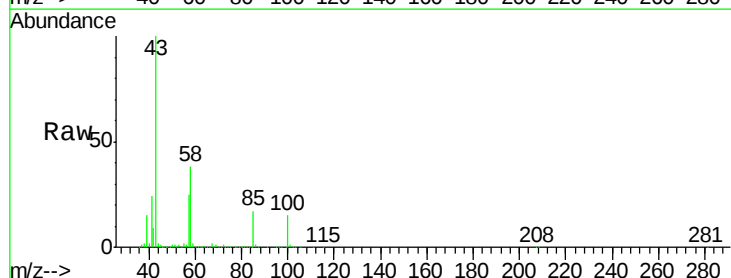
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

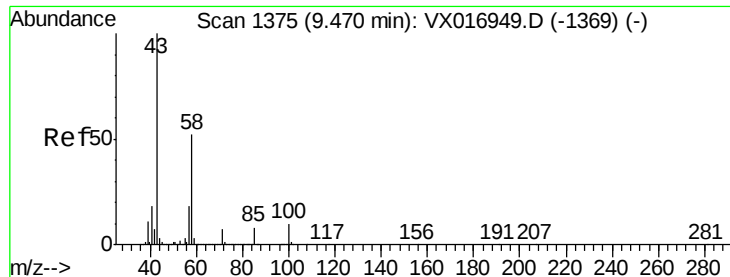
Tgt Ion: 117 Resp: 199702
Ion Ratio Lower Upper
117 100
82 56.5 44.9 67.3
119 32.6 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 246.922 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016950.D
Acq: 25 Jun 2020 13:27

Tgt Ion: 43 Resp: 908317
Ion Ratio Lower Upper
43 100
58 38.0 30.4 45.6
85 17.2 13.5 20.3

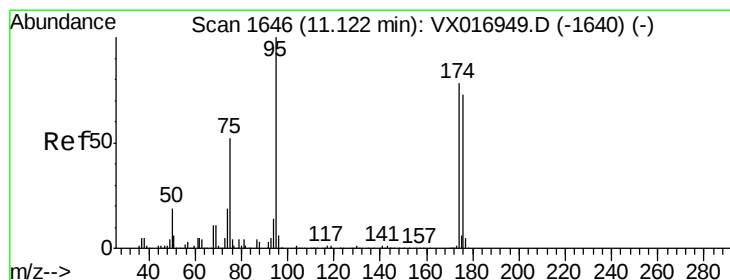
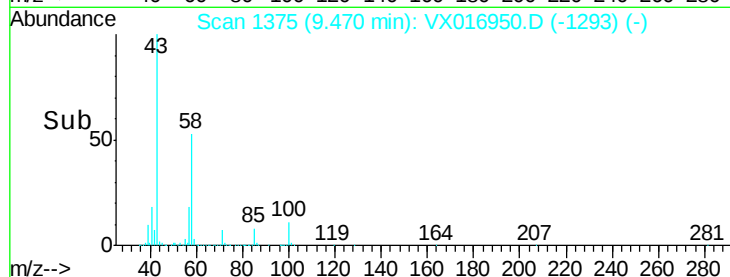
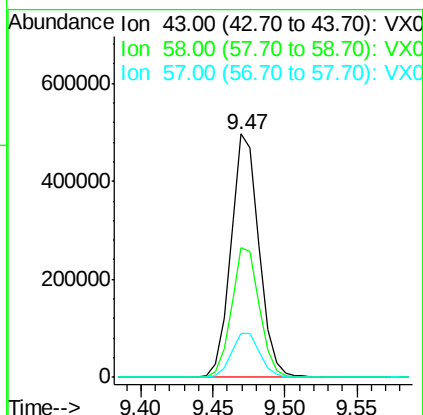
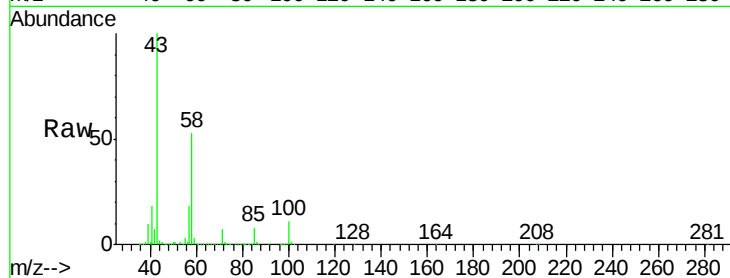




#59
2-Hexanone
Concen: 246.843 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016950.D
Acq: 25 Jun 2020 13:27

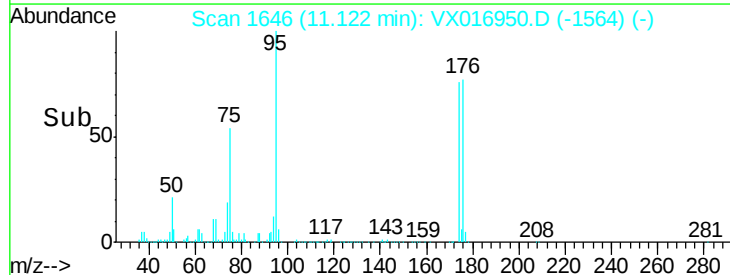
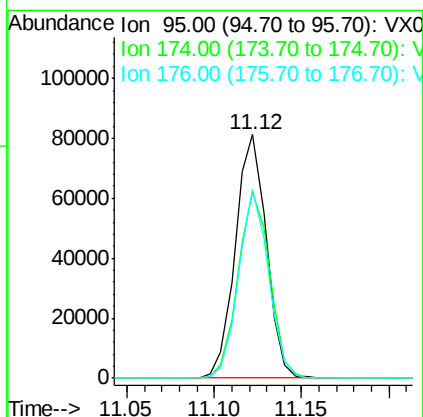
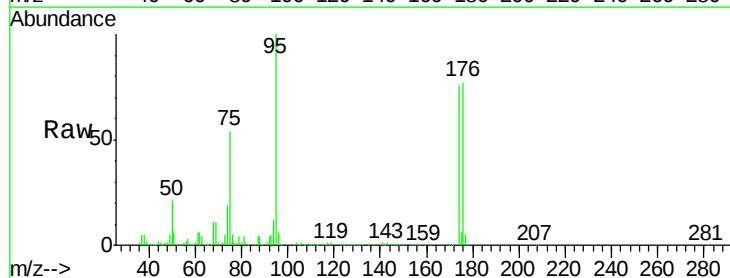
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

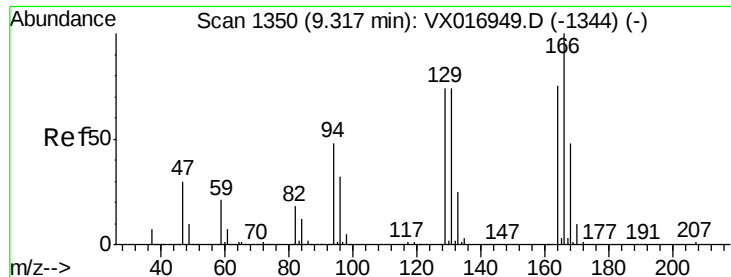
Tgt Ion: 43 Resp: 677674
Ion Ratio Lower Upper
43 100
58 53.4 42.3 63.5
57 18.5 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 30.038 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016950.D
Acq: 25 Jun 2020 13:27

Tgt Ion: 95 Resp: 100039
Ion Ratio Lower Upper
95 100
174 78.2 62.2 93.4
176 74.8 58.9 88.3





#61

Tetrachloroethene

Concen: 49.594 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion:164 Resp: 126305

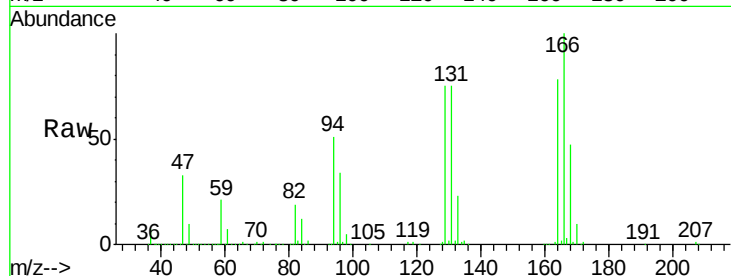
Ion Ratio Lower Upper

164 100

166 128.6 106.3 159.5

129 97.1 78.9 118.3

131 95.9 78.2 117.4

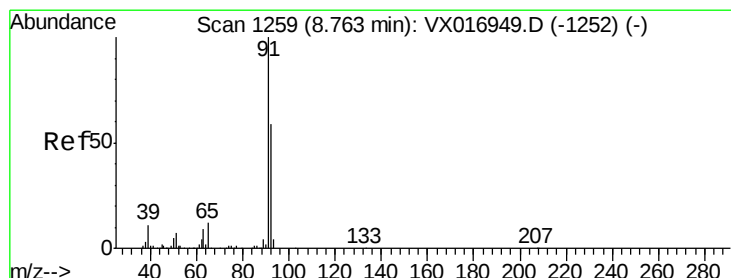
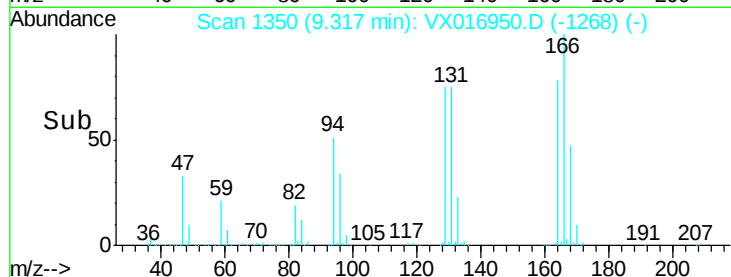
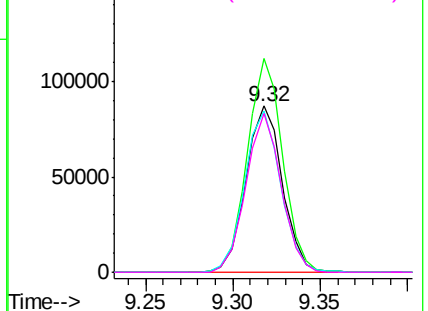


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 49.934 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX016950.D

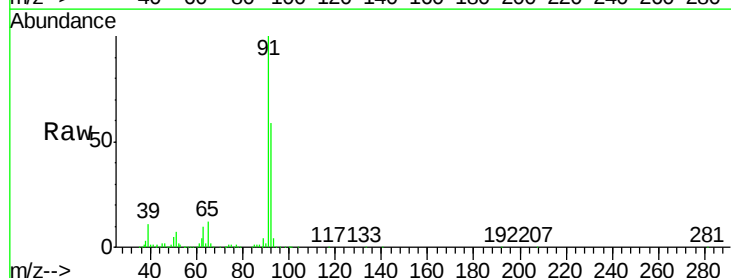
Acq: 25 Jun 2020 13:27

Tgt Ion: 91 Resp: 545413

Ion Ratio Lower Upper

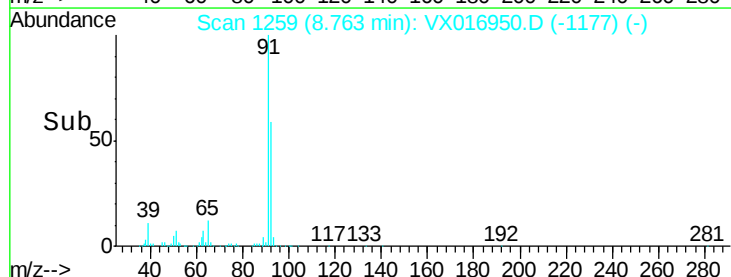
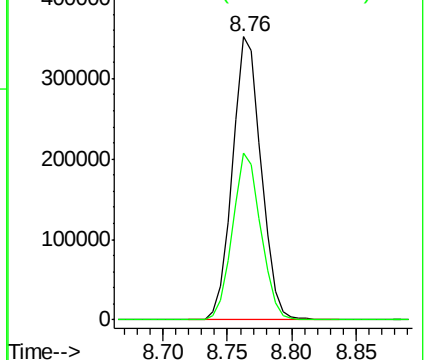
91 100

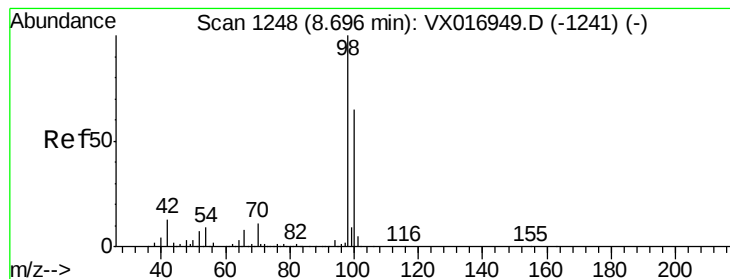
92 58.5 46.8 70.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.035 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

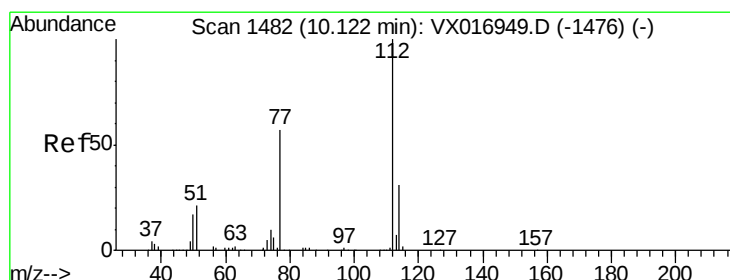
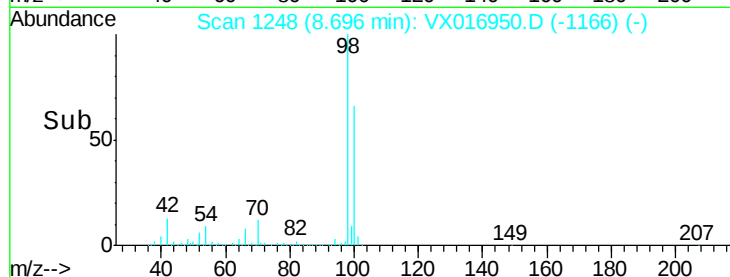
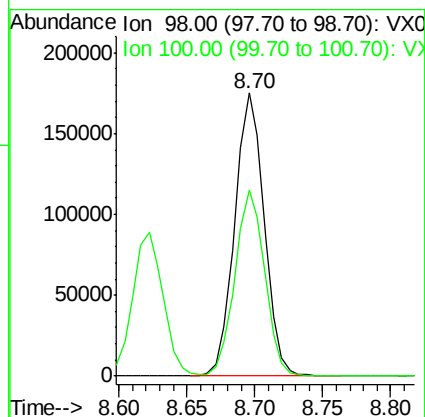
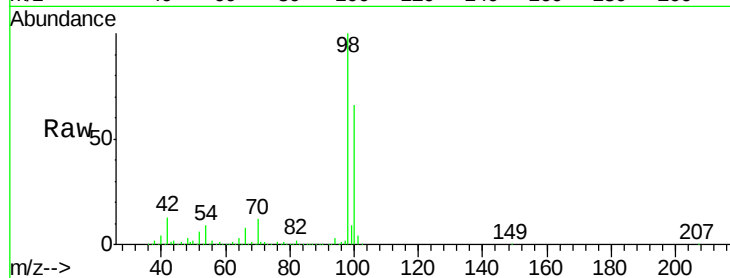
VSTDIC050

Tgt Ion: 98 Resp: 264396

Ion Ratio Lower Upper

98 100

100 66.6 52.3 78.5



#64

Chlorobenzene

Concen: 50.201 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016950.D

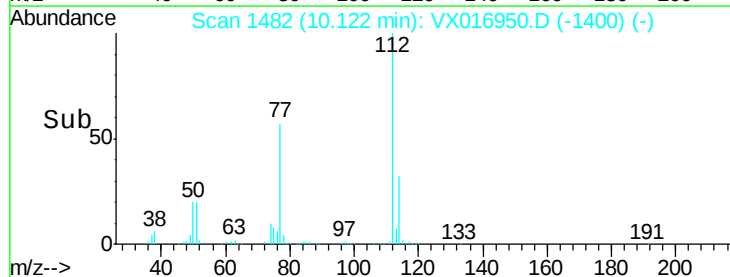
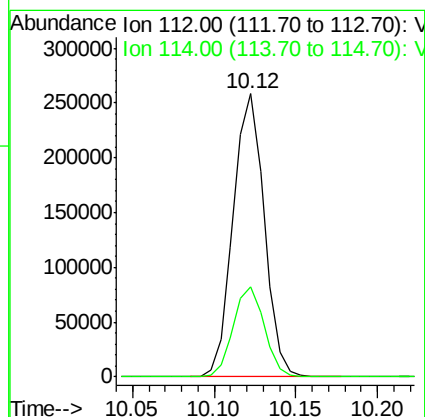
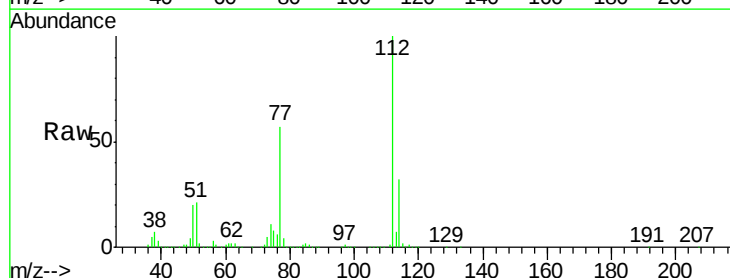
Acq: 25 Jun 2020 13:27

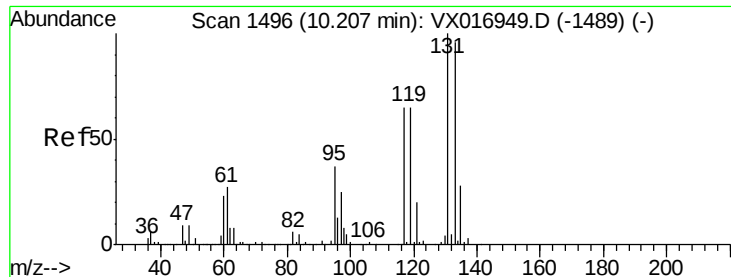
Tgt Ion: 112 Resp: 343526

Ion Ratio Lower Upper

112 100

114 31.8 24.9 37.3





#65

1,1,1,2-Tetrachloroethane

Concen: 49.949 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

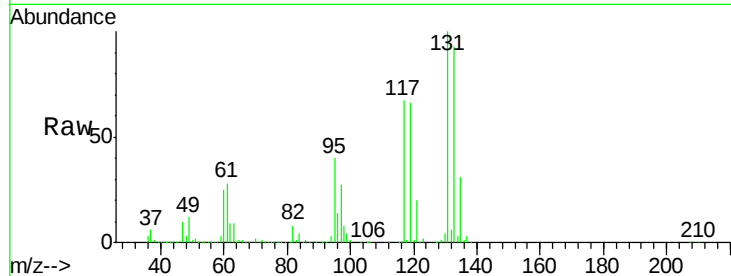
Tgt Ion: 131 Resp: 128675

Ion Ratio Lower Upper

131 100

133 94.3 0.0 190.2

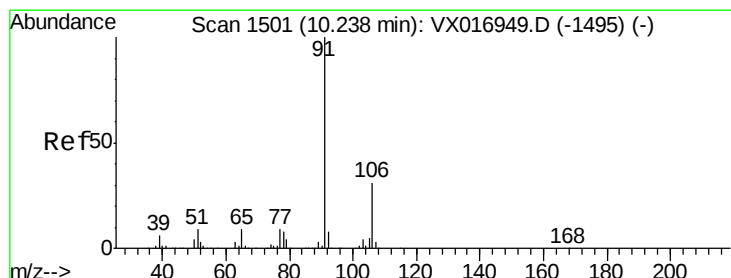
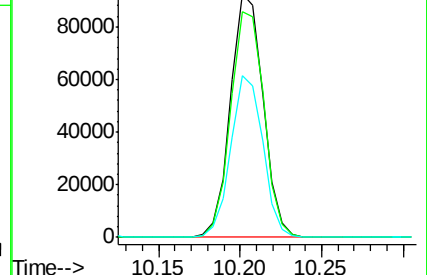
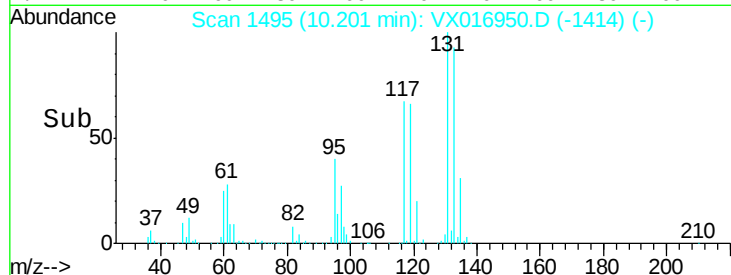
119 65.7 0.0 133.2



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 51.119 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016950.D

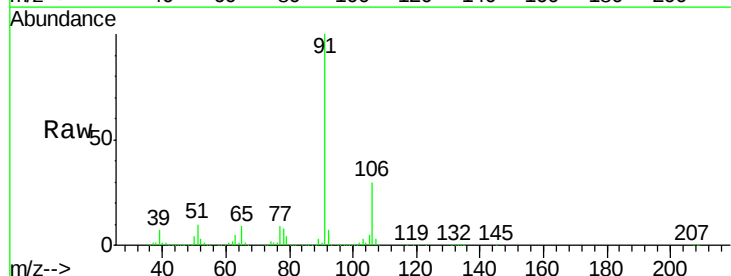
Acq: 25 Jun 2020 13:27

Tgt Ion: 91 Resp: 619192

Ion Ratio Lower Upper

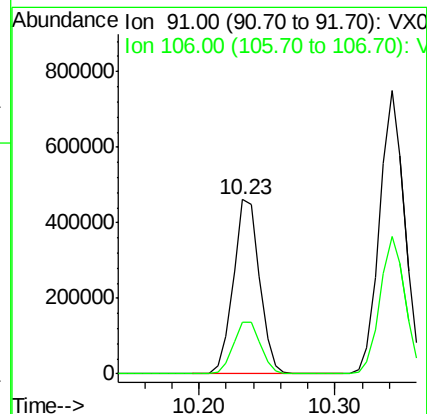
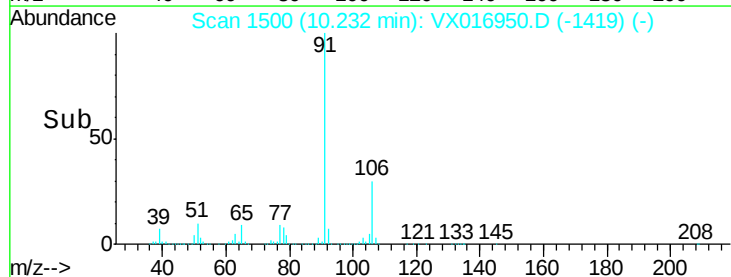
91 100

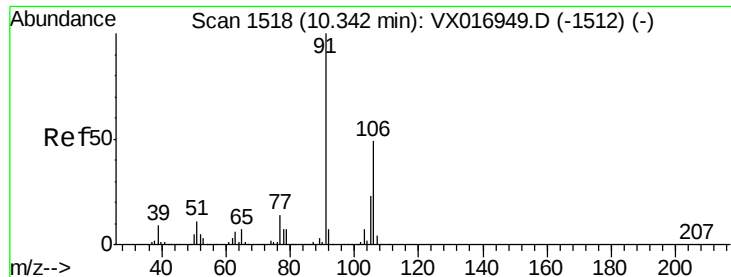
106 30.1 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 102.024 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

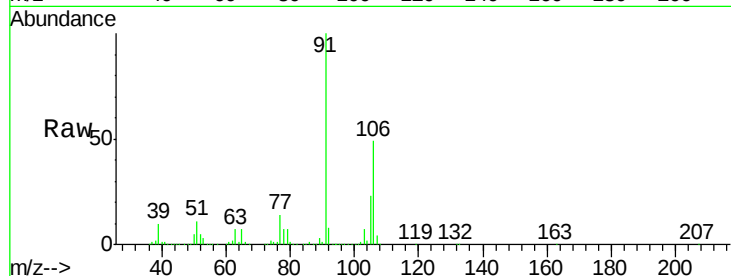
VSTDIC050

Tgt Ion:106 Resp: 466184

Ion Ratio Lower Upper

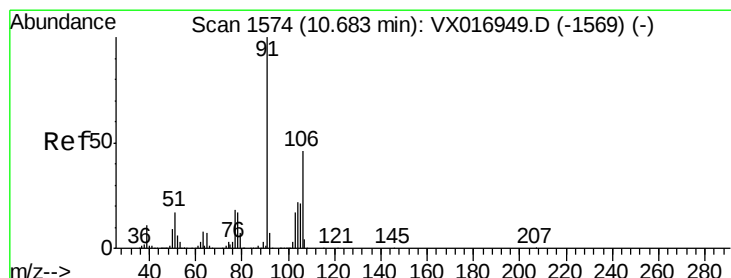
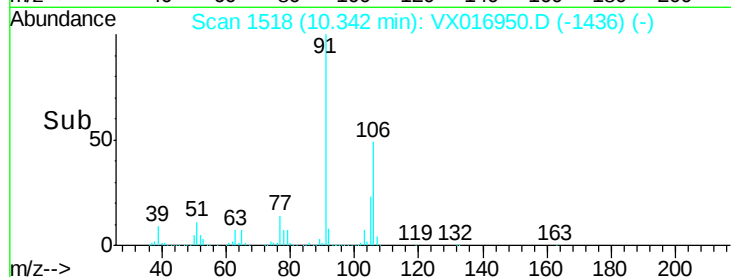
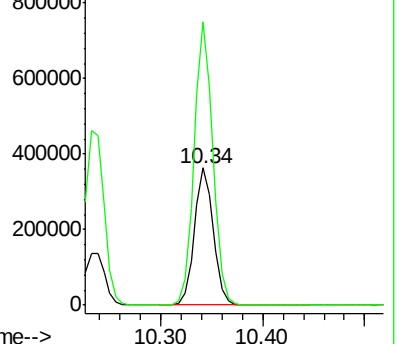
106 100

91 204.3 164.5 246.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 50.352 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX016950.D

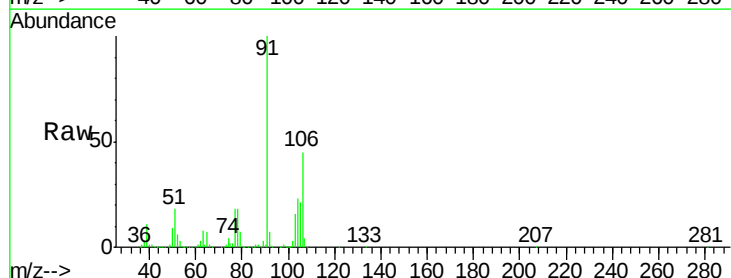
Acq: 25 Jun 2020 13:27

Tgt Ion:106 Resp: 221009

Ion Ratio Lower Upper

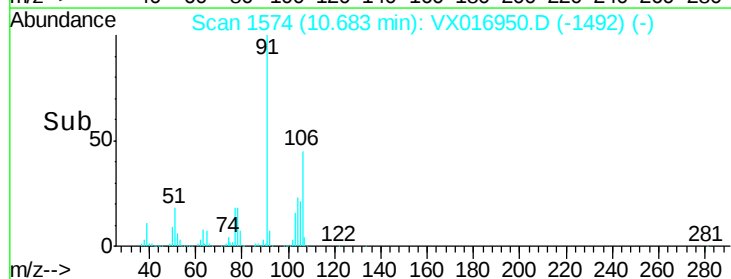
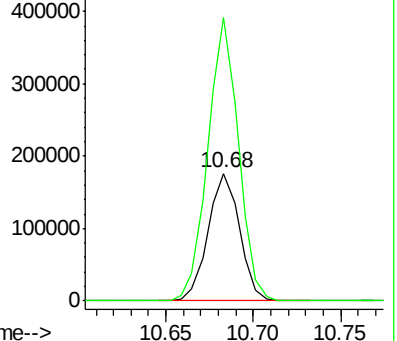
106 100

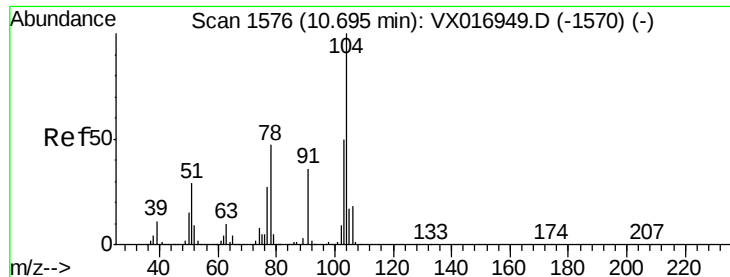
91 214.4 107.3 321.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Styrene

Concen: 50.811 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

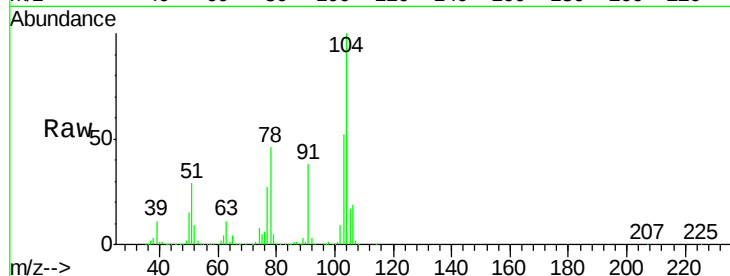
Tgt Ion:104 Resp: 381864

Ion Ratio Lower Upper

104 100

78 51.4 42.6 64.0

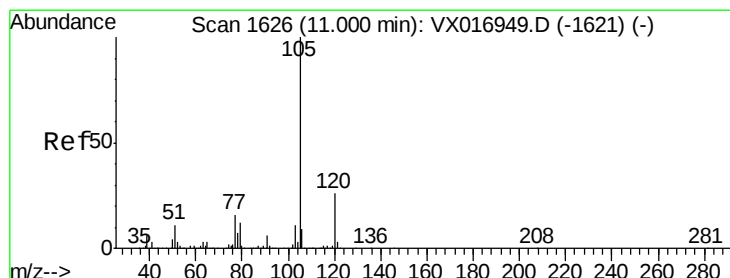
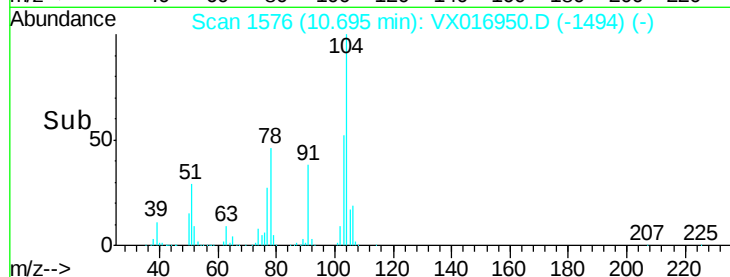
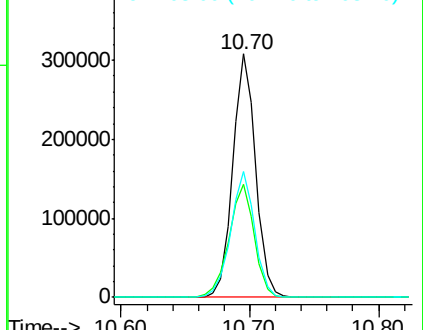
103 54.6 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 50.401 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016950.D

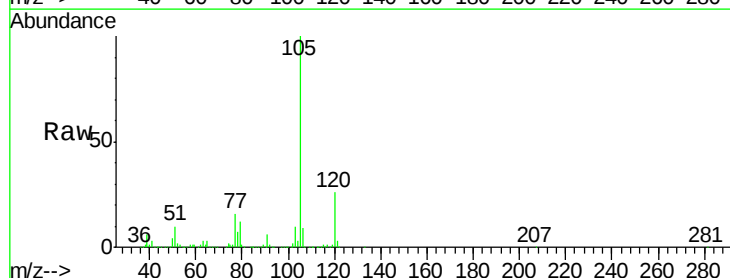
Acq: 25 Jun 2020 13:27

Tgt Ion:105 Resp: 600022

Ion Ratio Lower Upper

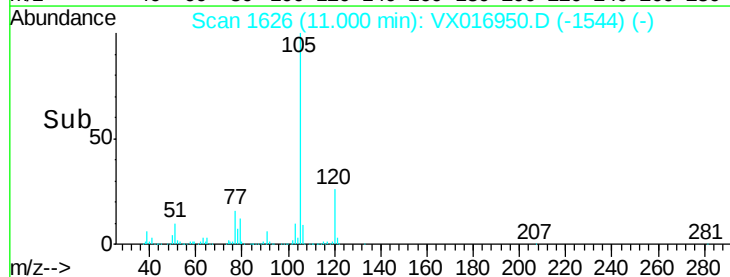
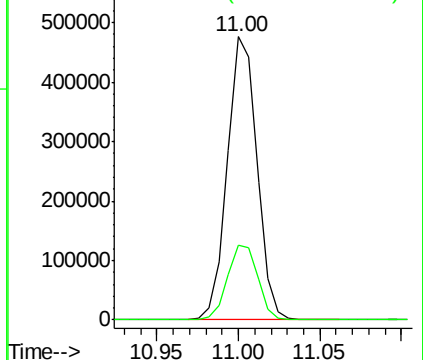
105 100

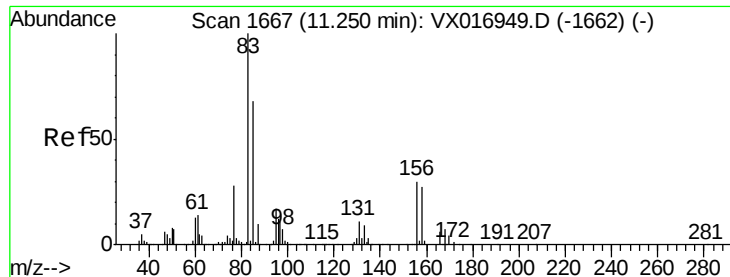
120 26.9 19.0 35.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 49.873 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

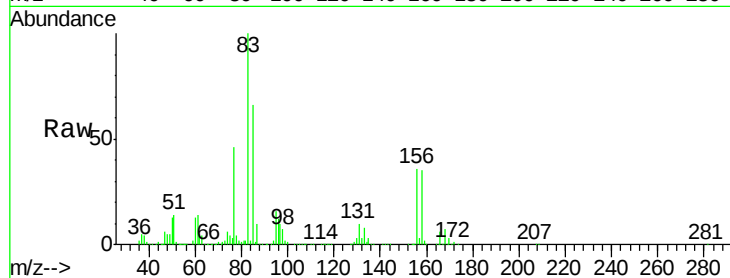
Tgt Ion: 83 Resp: 182345

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

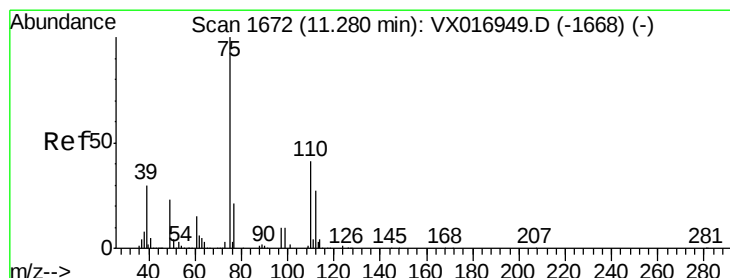
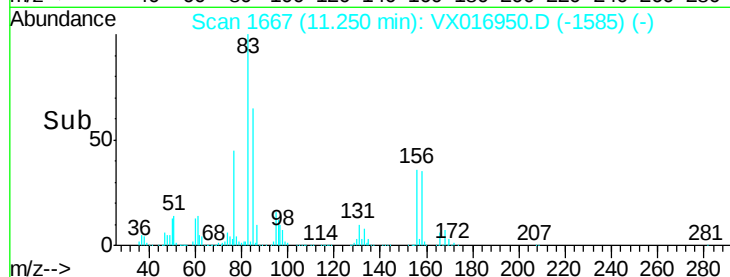
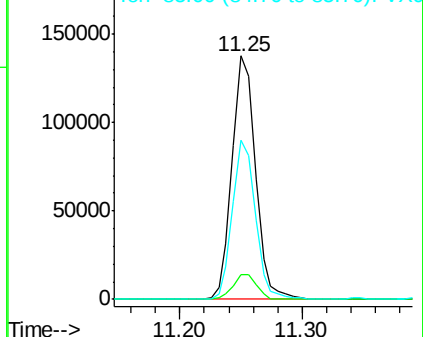
85 64.3 33.1 99.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 66.200 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016950.D

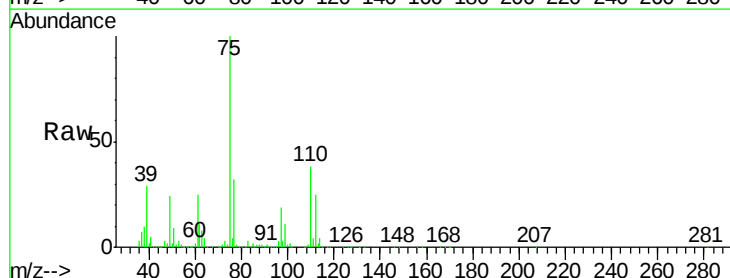
Acq: 25 Jun 2020 13:27

Tgt Ion: 75 Resp: 232435

Ion Ratio Lower Upper

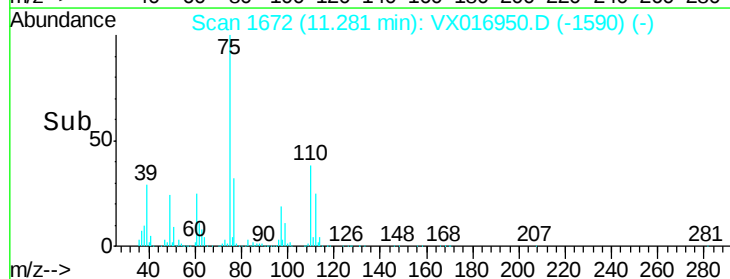
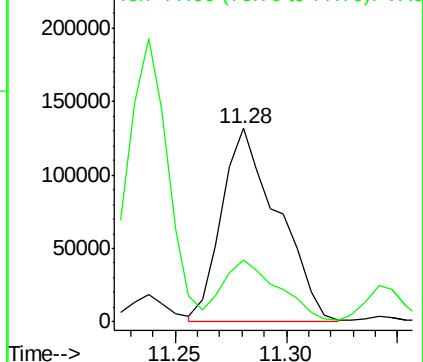
75 100

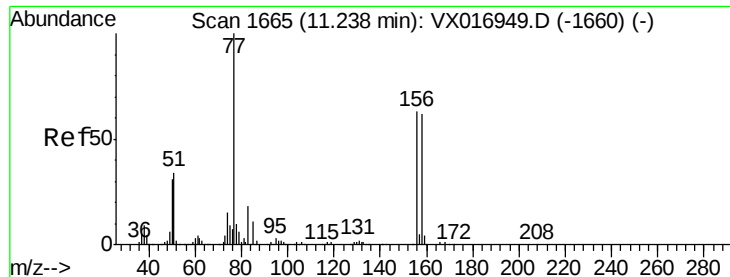
77 31.6 0.0 77.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 49.552 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

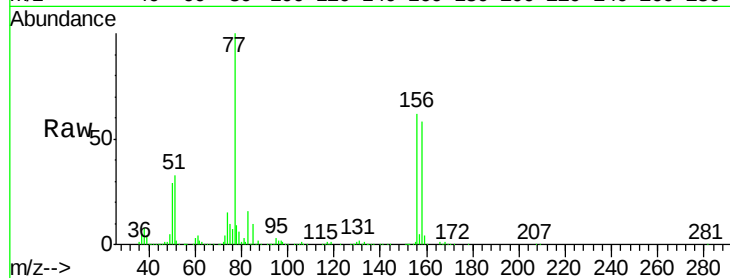
Tgt Ion:156 Resp: 148880

Ion Ratio Lower Upper

156 100

77 164.0 0.0 317.2

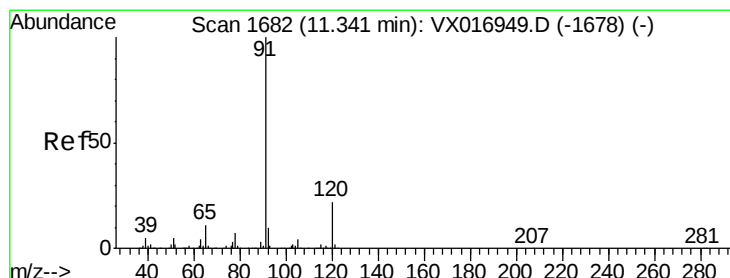
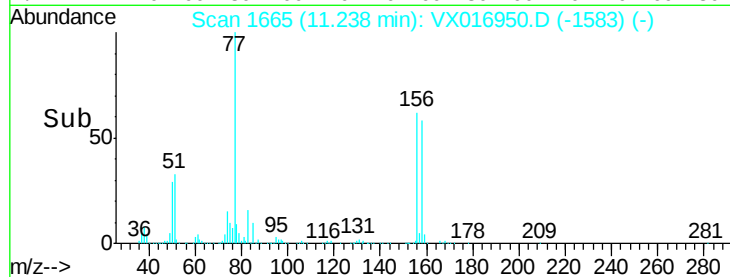
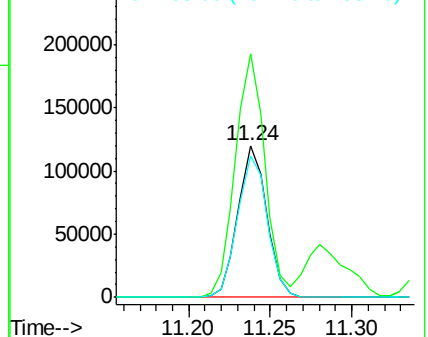
158 96.2 0.0 188.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 50.756 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016950.D

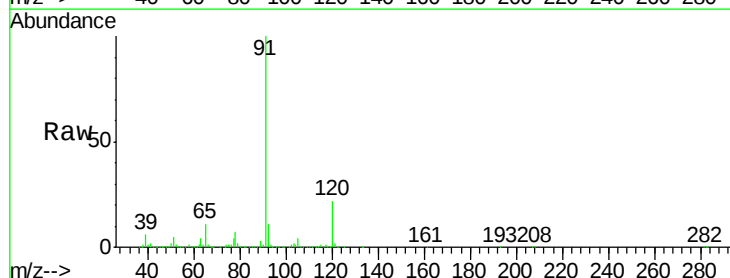
Acq: 25 Jun 2020 13:27

Tgt Ion: 91 Resp: 717442

Ion Ratio Lower Upper

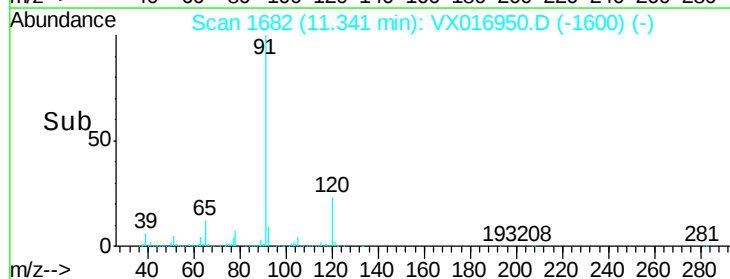
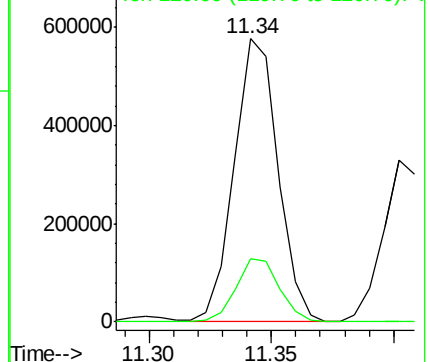
91 100

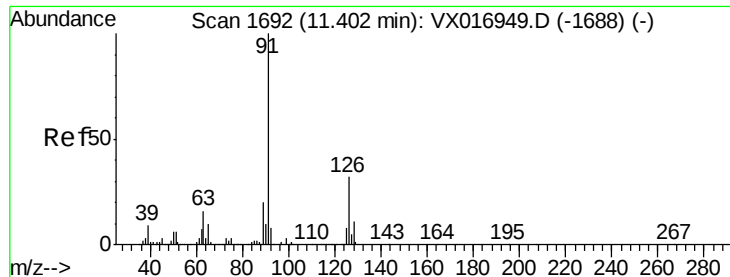
120 22.2 0.0 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 50.359 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

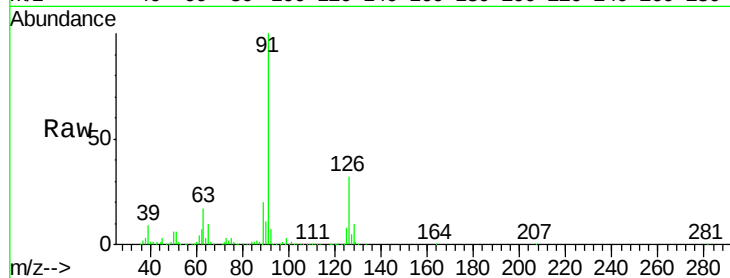
VSTDIC050

Tgt Ion: 91 Resp: 415094

Ion Ratio Lower Upper

91 100

126 33.0 0.0 68.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

600000

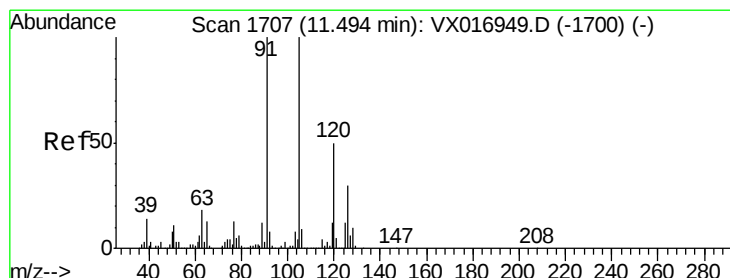
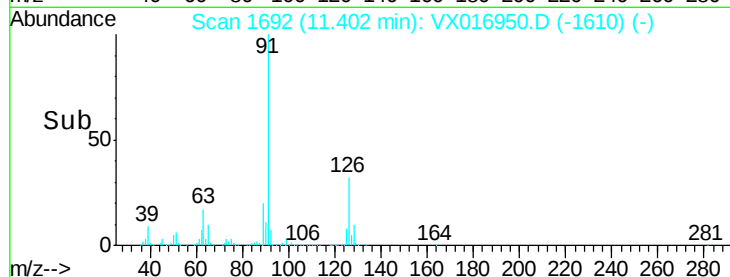
400000

200000

0

11.35 11.40 11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 50.797 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016950.D

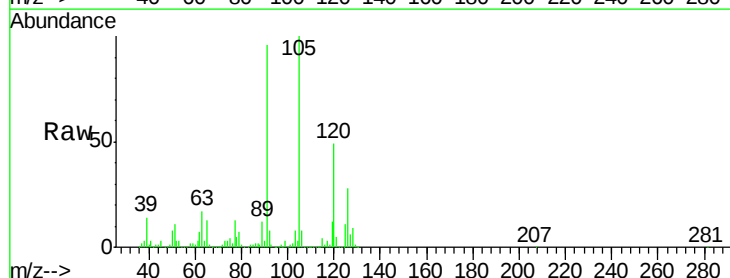
Acq: 25 Jun 2020 13:27

Tgt Ion: 105 Resp: 507600

Ion Ratio Lower Upper

105 100

120 49.3 0.0 99.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

400000

300000

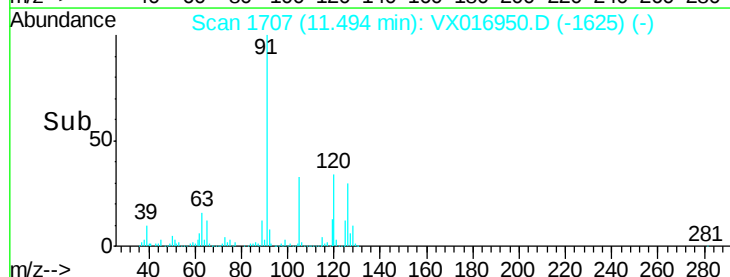
200000

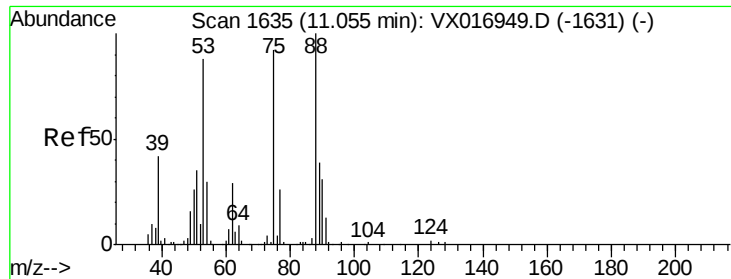
100000

0

11.45 11.50

Time-->

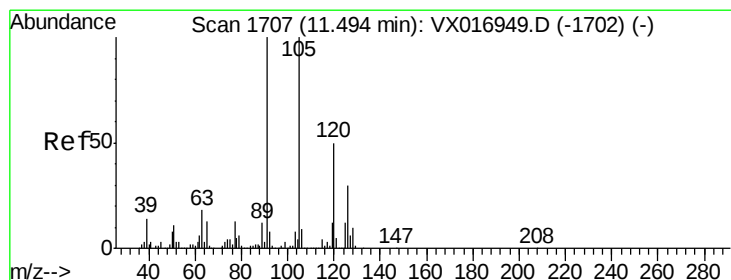
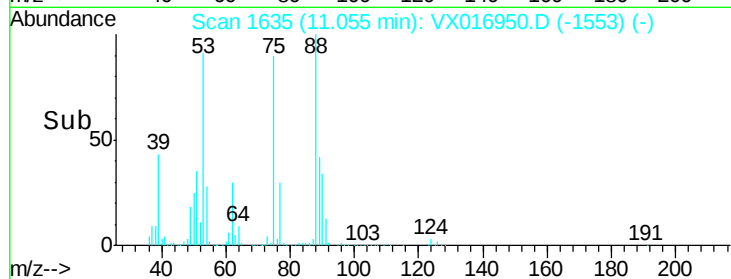
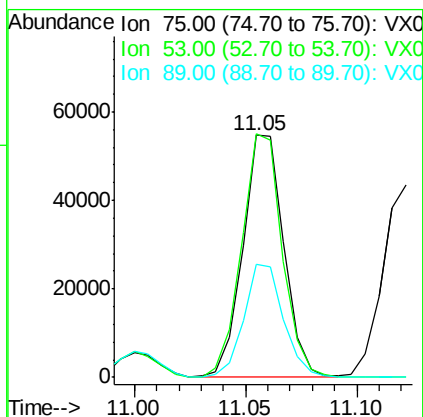
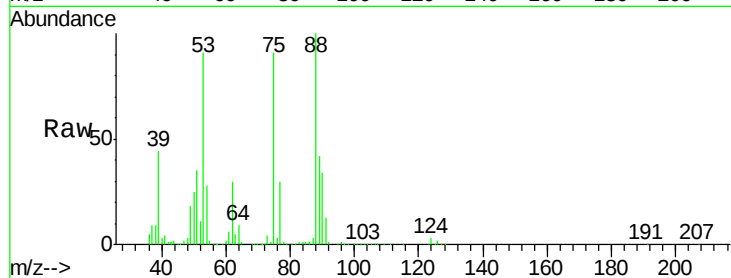




#77
t-1,4-Dichloro-2-butene
Concen: 49.343 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX016950.D
Acq: 25 Jun 2020 13:27

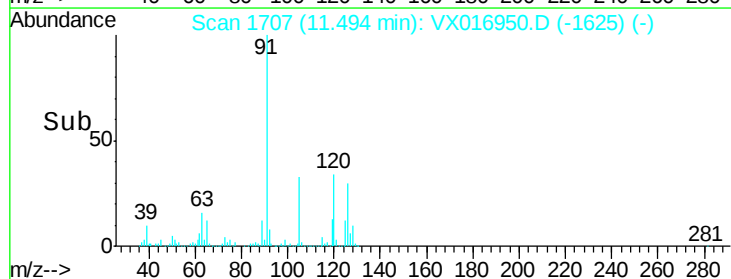
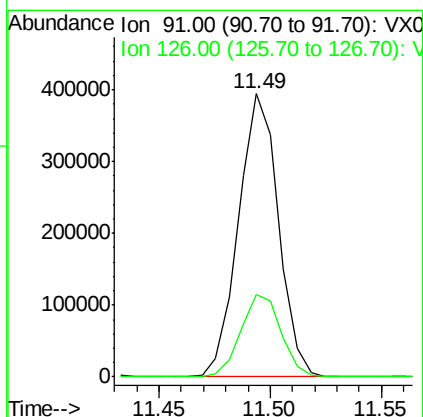
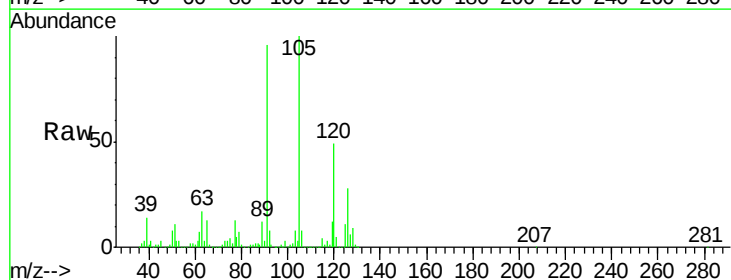
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

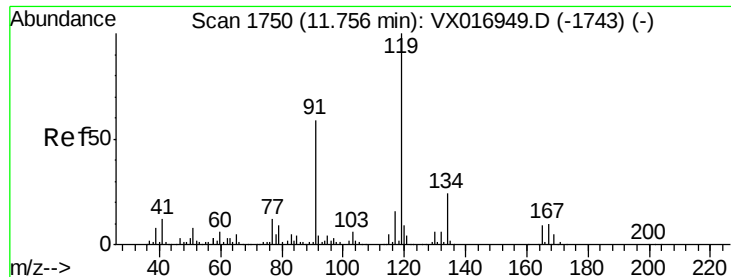
Tgt Ion: 75 Resp: 70210
Ion Ratio Lower Upper
75 100
53 100.6 47.6 142.9
89 46.5 21.1 63.4



#78
4-Chlorotoluene
Concen: 50.681 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016950.D
Acq: 25 Jun 2020 13:27

Tgt Ion: 91 Resp: 494620
Ion Ratio Lower Upper
91 100
126 29.3 0.0 60.6

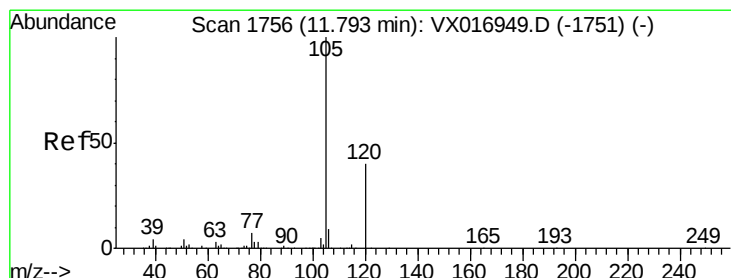
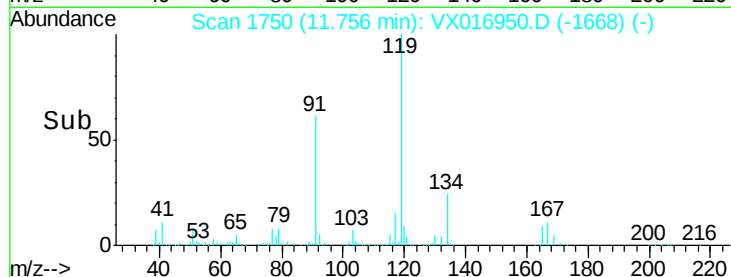
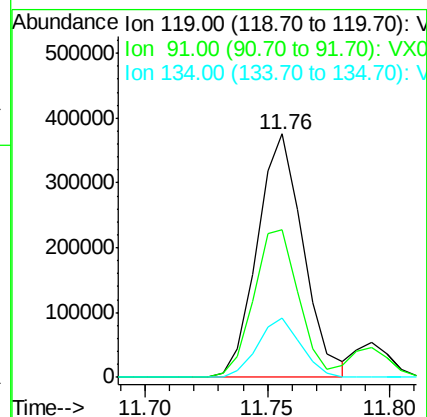
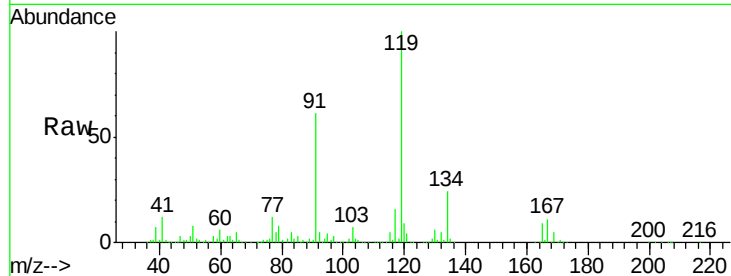




#79
tert-butylbenzene
Concen: 51.187 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016950.D
Acq: 25 Jun 2020 13:27

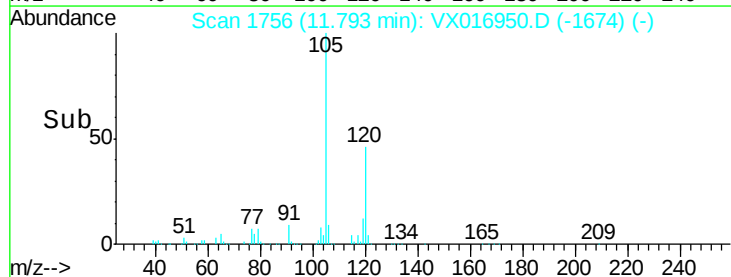
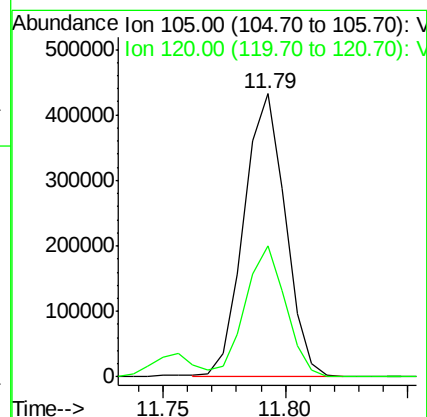
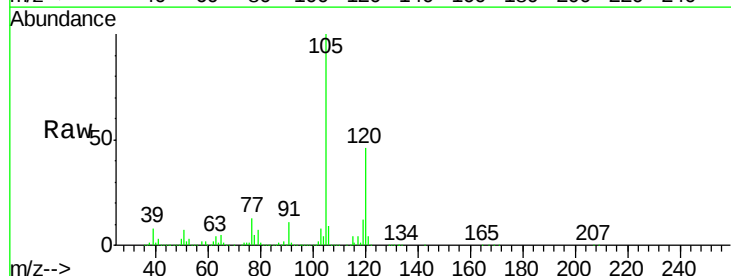
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

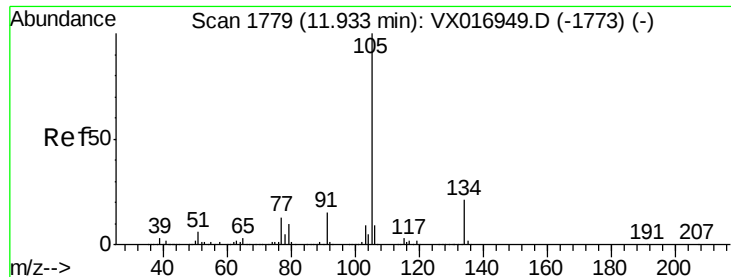
Tgt Ion	Ratio	Lower	Upper
119	100		
91	59.5	0.0	115.2
134	23.1	0.0	45.8



#80
1,2,4-Trimethylbenzene
Concen: 51.057 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016950.D
Acq: 25 Jun 2020 13:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	0.0	89.8

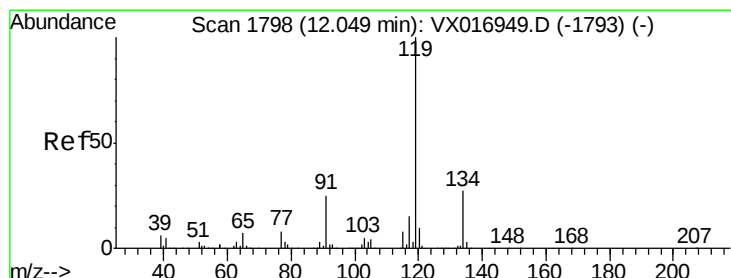
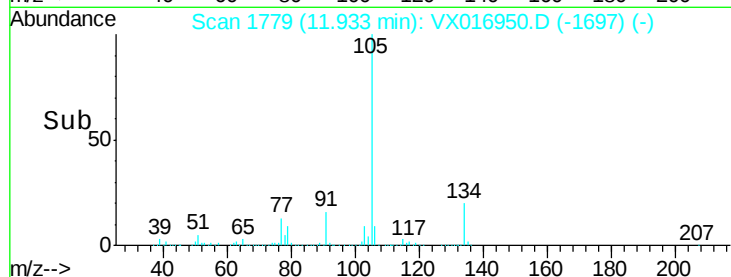
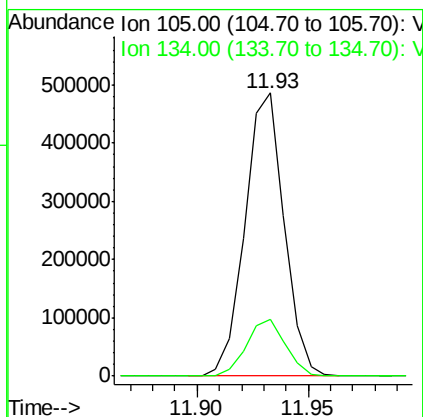
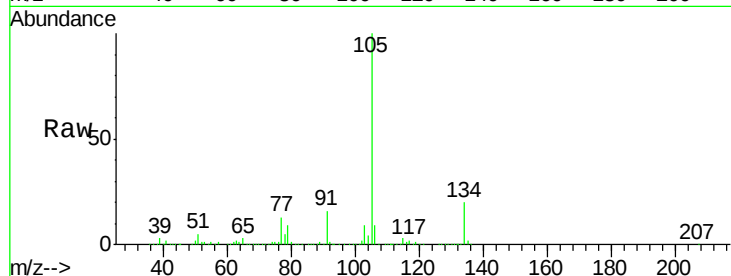




#81
 sec-Butylbenzene
 Concen: 51.407 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016950.D
 Acq: 25 Jun 2020 13:27

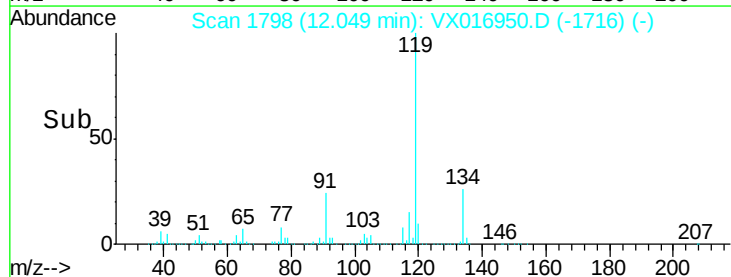
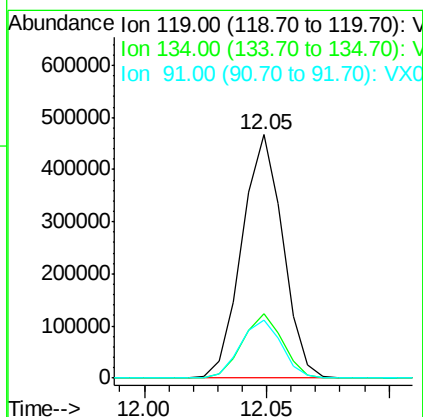
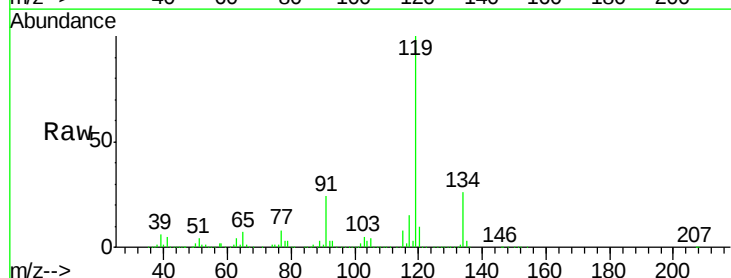
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC050

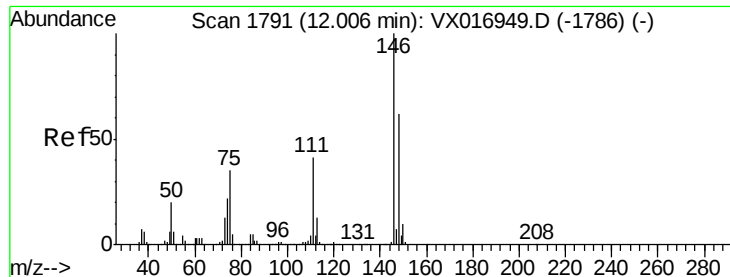
Tgt Ion:105 Resp: 595812
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 51.750 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016950.D
 Acq: 25 Jun 2020 13:27

Tgt Ion:119 Resp: 541552
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 53.0
 91 24.3 0.0 49.0

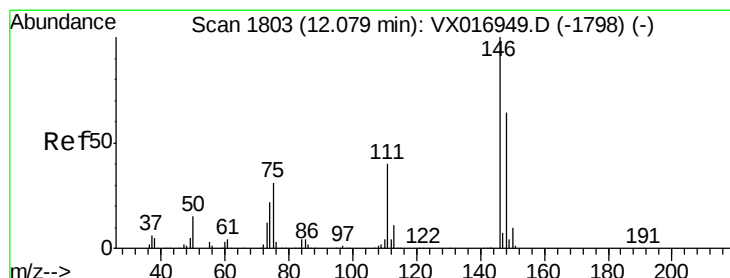
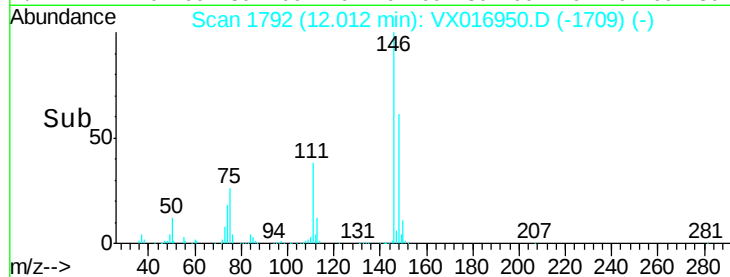
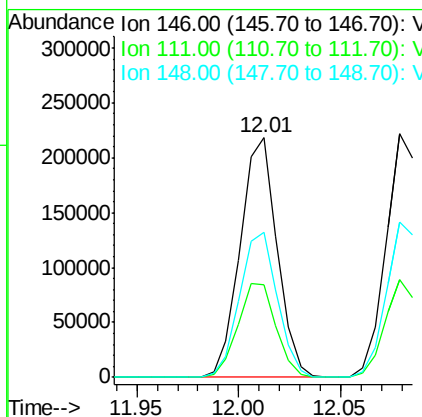
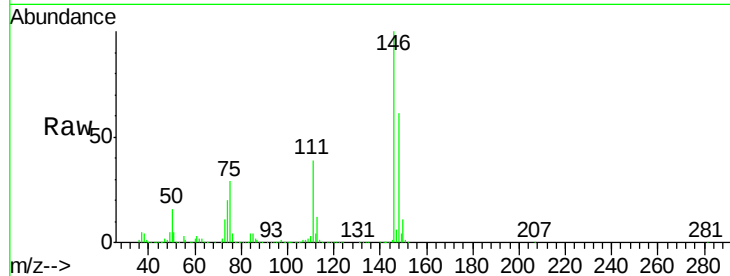




#83
 1,3-Dichlorobenzene
 Concen: 50.913 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX016950.D
 Acq: 25 Jun 2020 13:27

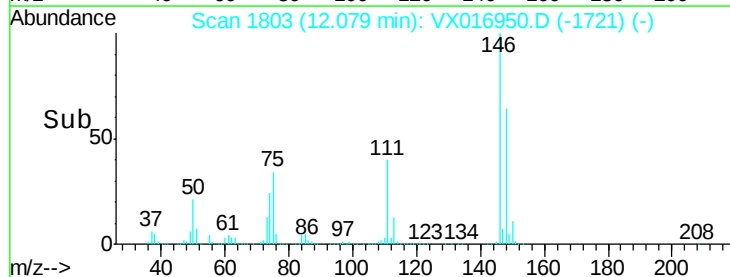
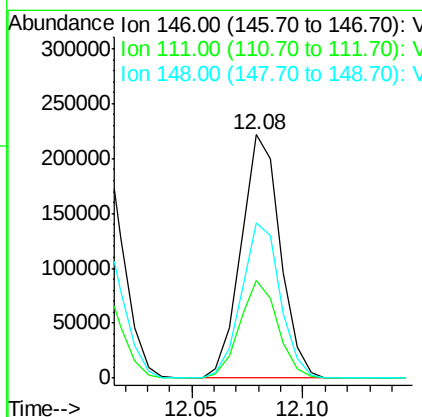
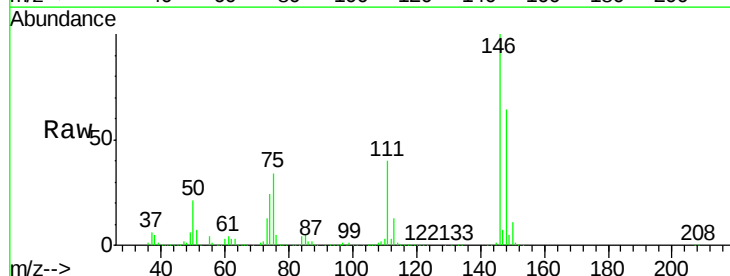
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

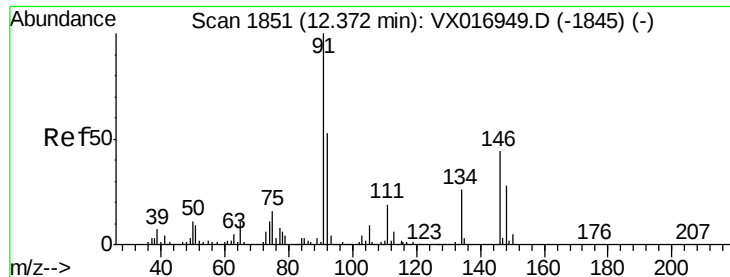
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.5	58.5
148	62.0	31.8	95.4



#84
 1,4-Dichlorobenzene
 Concen: 50.277 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016950.D
 Acq: 25 Jun 2020 13:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.4	58.2
148	63.3	32.1	96.3





#85

n-Butylbenzene

Concen: 51.906 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

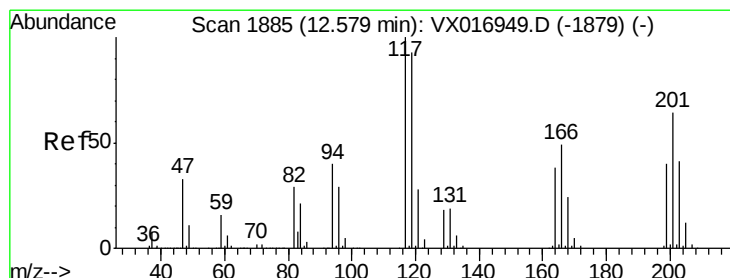
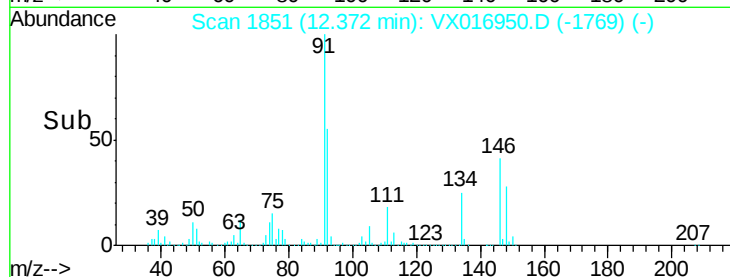
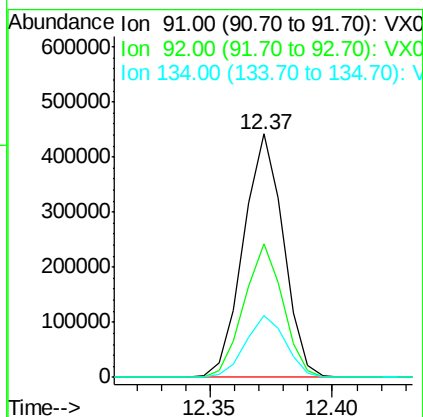
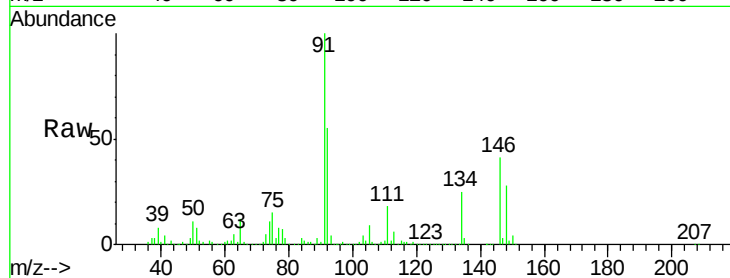
Tgt Ion: 91 Resp: 502784

Ion Ratio Lower Upper

91 100

92 53.4 0.0 105.8

134 25.6 0.0 52.2



#86

Hexachloroethane

Concen: 50.941 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX016950.D

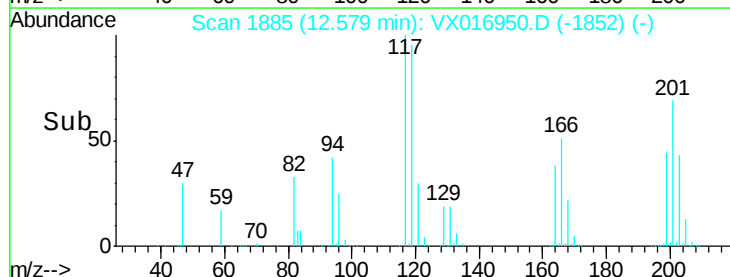
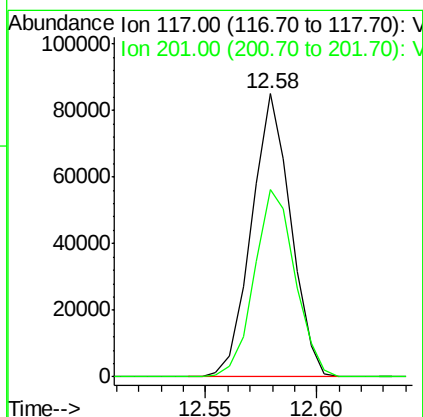
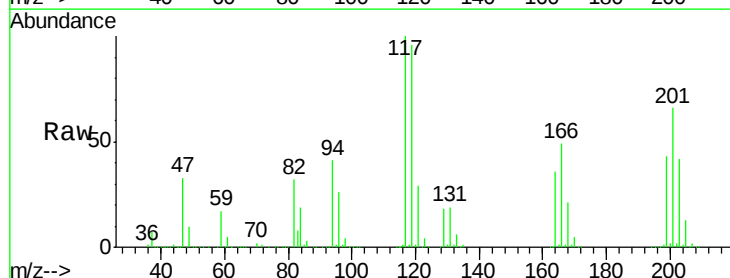
Acq: 25 Jun 2020 13:27

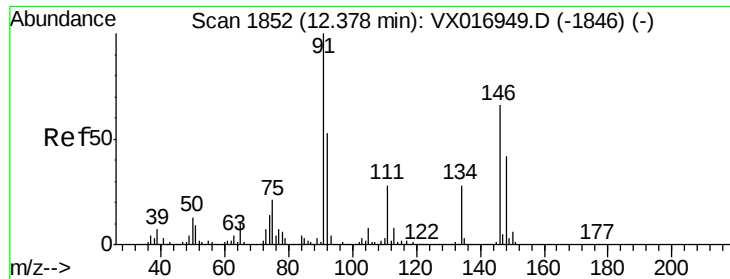
Tgt Ion: 117 Resp: 104327

Ion Ratio Lower Upper

117 100

201 68.7 34.6 103.9

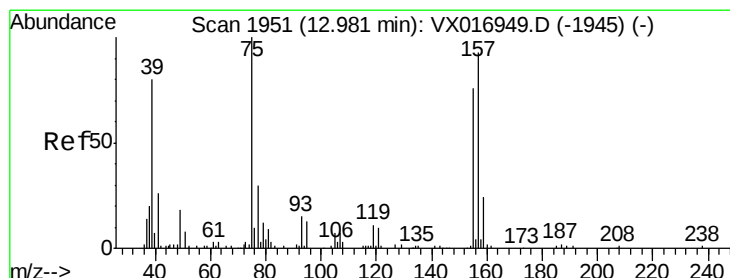
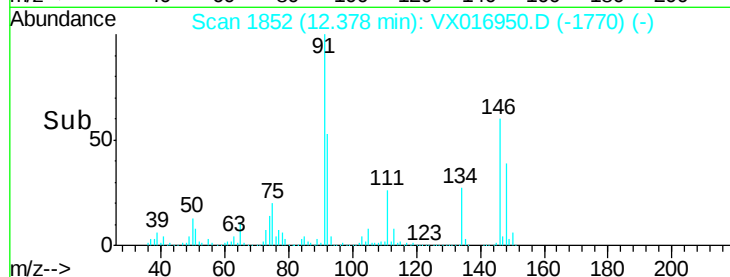
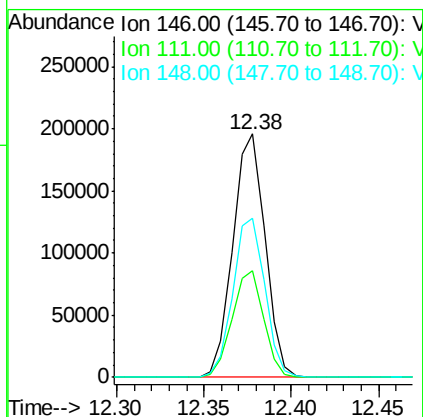
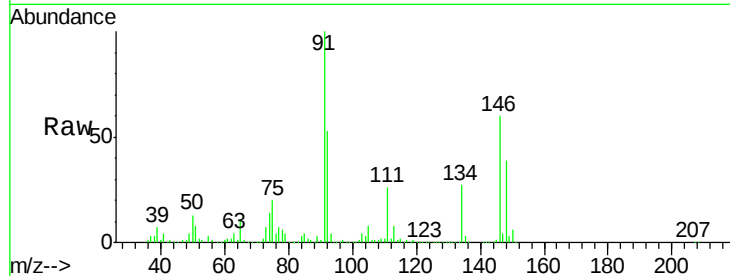




#87
 1,2-Dichlorobenzene
 Concen: 49.868 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016950.D
 Acq: 25 Jun 2020 13:27

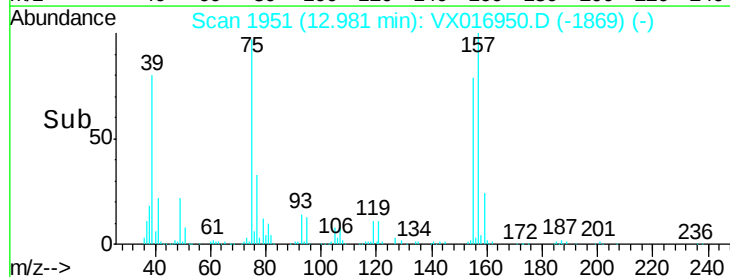
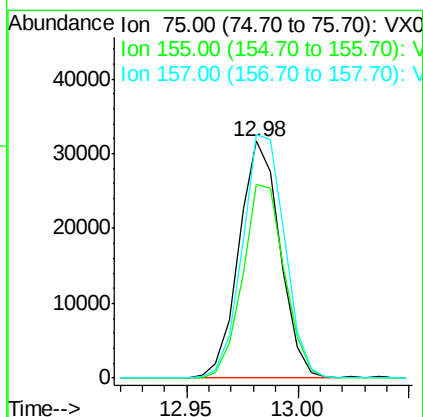
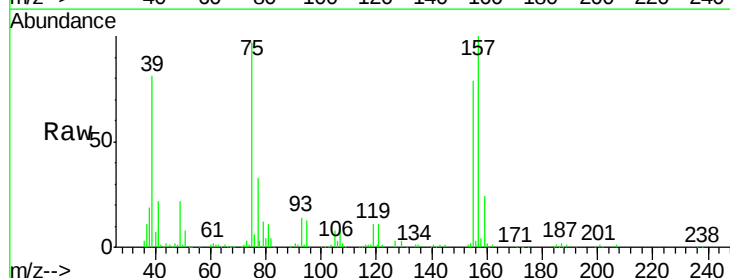
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

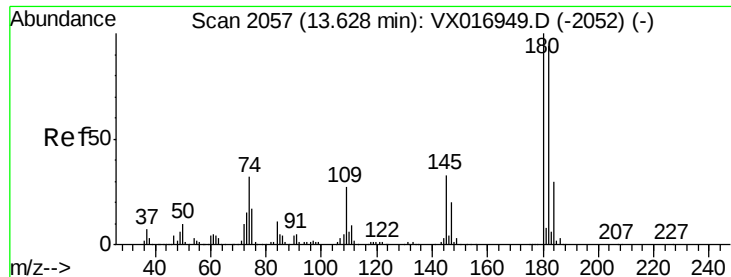
Tgt Ion: 146 Resp: 251315
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.1 63.1
 148 64.8 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 48.955 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016950.D
 Acq: 25 Jun 2020 13:27

Tgt Ion: 75 Resp: 40722
 Ion Ratio Lower Upper
 75 100
 155 83.2 65.0 97.6
 157 105.8 83.0 124.4

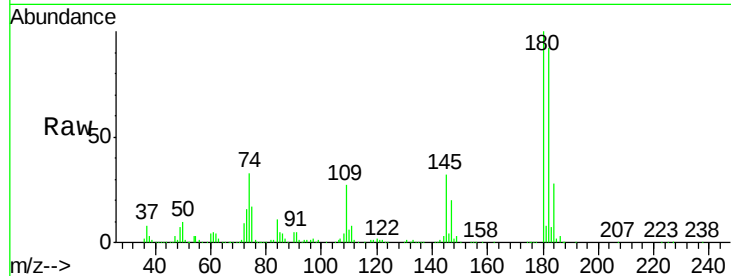




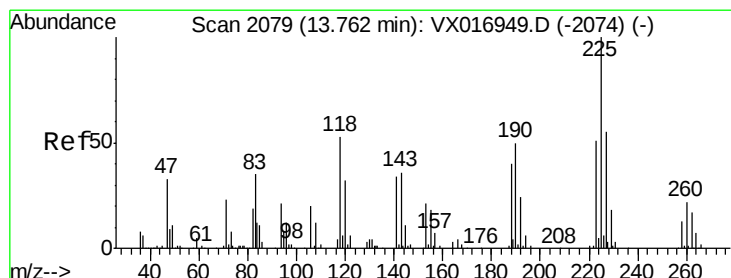
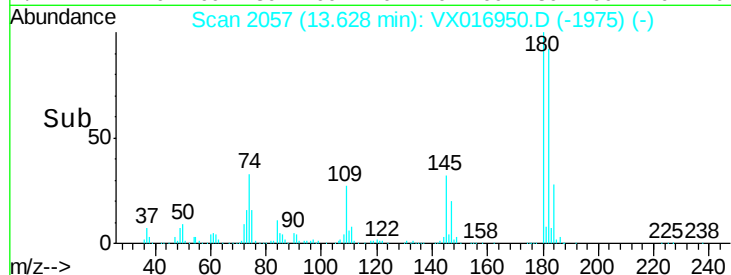
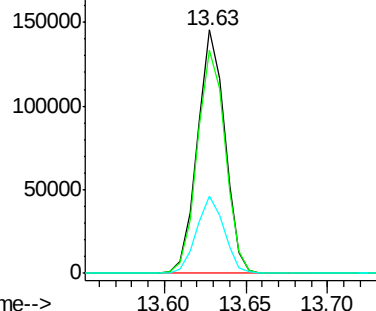
#89
1,2,4-Trichlorobenzene
Concen: 49.822 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX016950.D
Acq: 25 Jun 2020 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:180 Resp: 169397
Ion Ratio Lower Upper
180 100
182 93.6 77.7 116.5
145 31.6 26.2 39.2

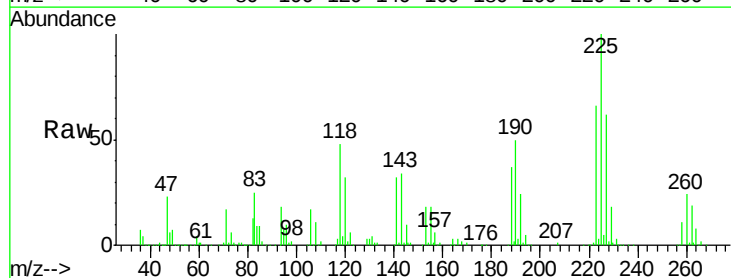


Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

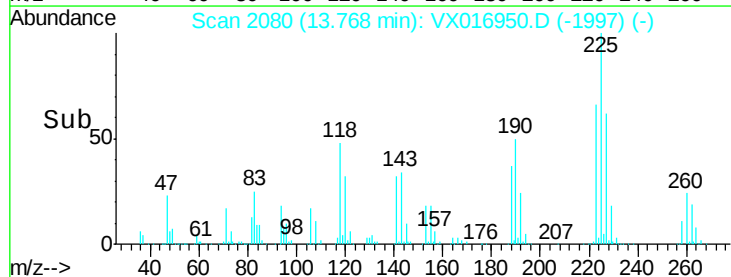
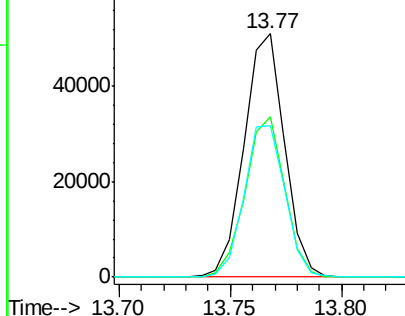


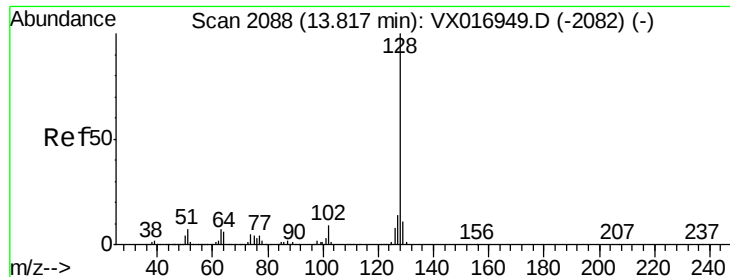
#90
Hexachlorobutadiene
Concen: 49.942 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX016950.D
Acq: 25 Jun 2020 13:27

Tgt Ion:225 Resp: 64595
Ion Ratio Lower Upper
225 100
223 64.6 0.0 125.0
227 63.0 0.0 124.0



Abundance Ion 225.00 (224.70 to 225.70): V
Ion 223.00 (222.70 to 223.70): V
Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 51.439 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

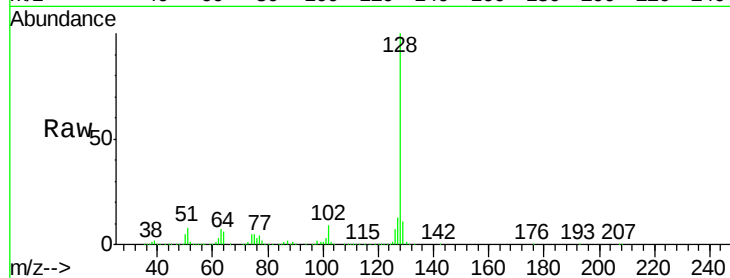
Tgt Ion:128 Resp: 573269

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

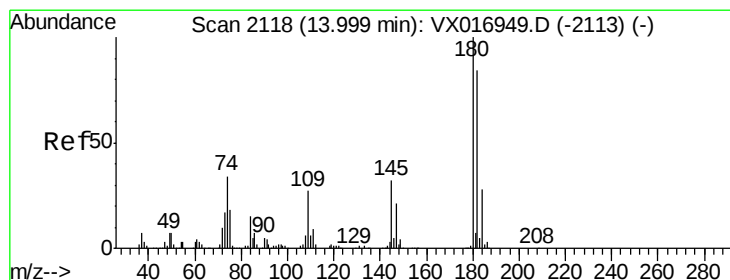
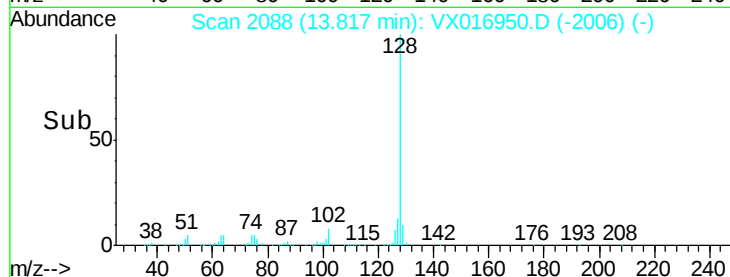
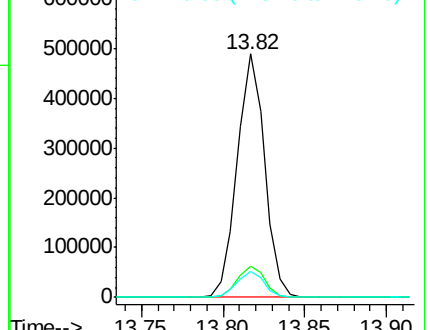
129 10.6 9.0 13.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 50.255 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX016950.D

Acq: 25 Jun 2020 13:27

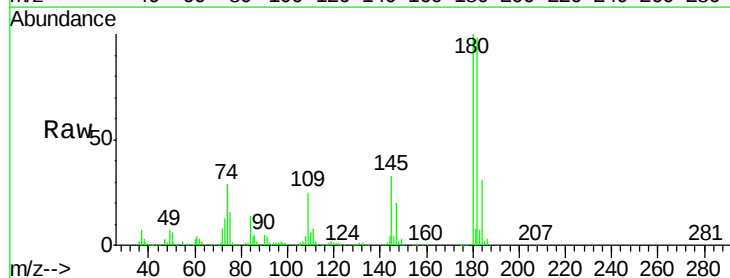
Tgt Ion:180 Resp: 166748

Ion Ratio Lower Upper

180 100

182 96.3 0.0 184.8

145 33.0 0.0 68.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

