

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071720\
 Data File : VX017423.D
 Acq On : 17 Jul 2020 16:34
 Operator : JC/SP
 Sample : L3325-01DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 18 06:59:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	244403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	410710	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	442543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	236221	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	166887	54.41	ug/l	0.00
Spiked Amount			Recovery	=	108.82%	
35) Dibromofluoromethane	5.47	113	144665	52.29	ug/l	0.00
Spiked Amount			Recovery	=	104.58%	
50) Toluene-d8	8.70	98	513887	51.49	ug/l	0.00
Spiked Amount			Recovery	=	102.98%	
62) 4-Bromofluorobenzene	11.12	95	217143	54.78	ug/l	0.00
Spiked Amount			Recovery	=	109.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	631	0.271	ug/l #	21
6) Chloroethane	1.73	64	347	0.239	ug/l	96
8) Diethyl Ether	2.17	74	1287	0.937	ug/l	91
10) Methyl Iodide	2.50	142	90	2.403	ug/l #	39
11) Tert butyl alcohol	3.01	59	203463	393.689	ug/l	100
13) Acrolein	2.28	56	312	1.101	ug/l #	80
14) Allyl chloride	2.68	41	2702	0.701	ug/l #	44
16) Acetone	2.42	43	58228	53.208	ug/l	90
17) Carbon Disulfide	2.56	76	1909	0.294	ug/l #	84
18) Methyl Acetate	2.75	43	1508	0.558	ug/l #	61
19) Methyl tert-butyl Ether	3.17	73	2909	0.385	ug/l #	48
20) Methylene Chloride	2.84	84	2585	0.968	ug/l #	81
25) 2-Butanone	4.64	43	131925	75.900	ug/l	93
26) 2,2-Dichloropropane	4.66	77	11984	2.985	ug/l #	54
29) Tetrahydrofuran	5.09	42	65810	58.491	ug/l	94
36) 1,1-Dichloropropene	5.63	75	19251	5.096	ug/l #	49
37) Ethyl Acetate	4.64	43	131925	33.768	ug/l #	78
38) Carbon Tetrachloride	5.63	117	24548	5.550	ug/l #	17
40) Benzene	6.12	78	5173	0.476	ug/l #	74
41) Methacrylonitrile	5.09	41	40713	19.411	ug/l #	45
42) 1,2-Dichloroethane	6.18	62	973	0.231	ug/l	83
49) 1,4-Dioxane	7.73	88	691	11.271	ug/l #	81
51) 4-Methyl-2-Pentanone	8.63	43	1896	0.498	ug/l #	77
52) Toluene	8.77	92	3240	0.465	ug/l	97
67) Ethyl Benzene	10.23	91	7161	0.478	ug/l	95
68) m/p-Xylenes	10.34	106	4320	0.758	ug/l	87
69) o-Xylene	10.68	106	2392	0.439	ug/l	99
76) 1,2,3-Trichloropropane	11.12	75	108954	24.961	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	108954	63.320	ug/l #	11
84) 1,2,4-Trimethylbenzene	11.79	105	2769	0.218	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	2785	0.365	ug/l #	1
95) Naphthalene	13.82	128	20902	1.444	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration

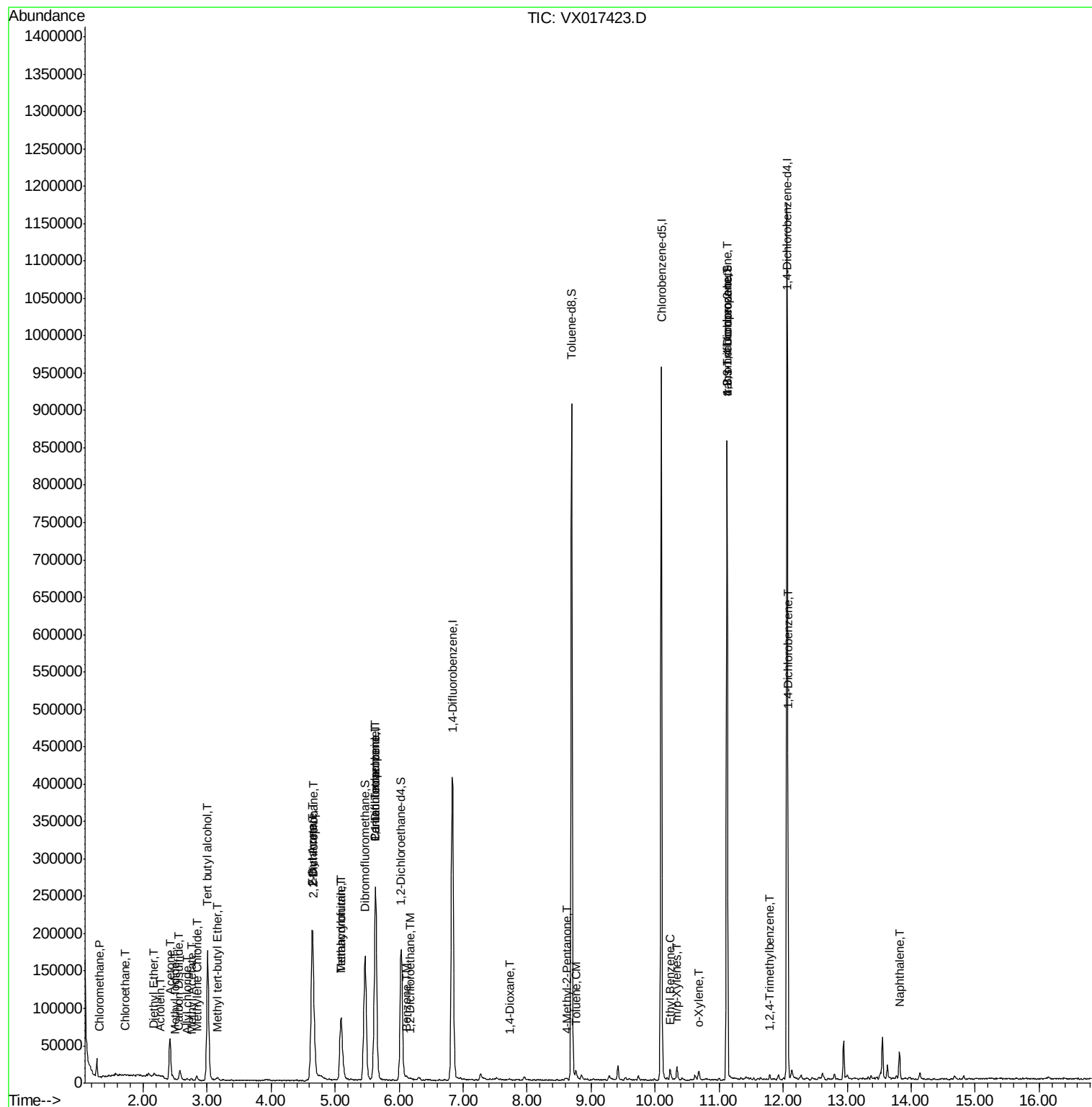
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

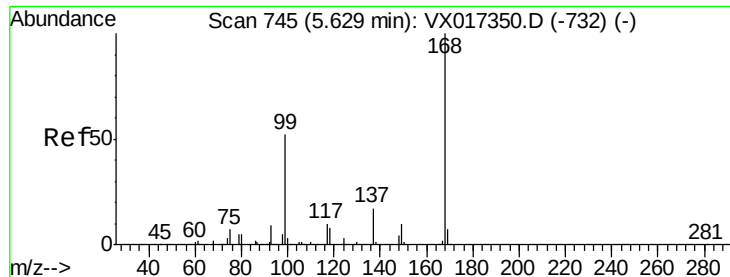
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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QLast Update : Tue Jul 14 02:59:51 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX017423.D

Acq: 17 Jul 2020 16:34

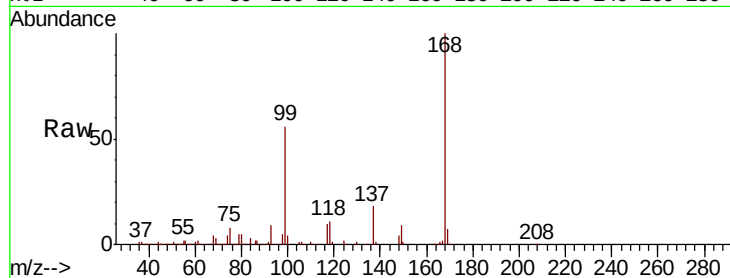
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 244403

Ion Ratio Lower Upper

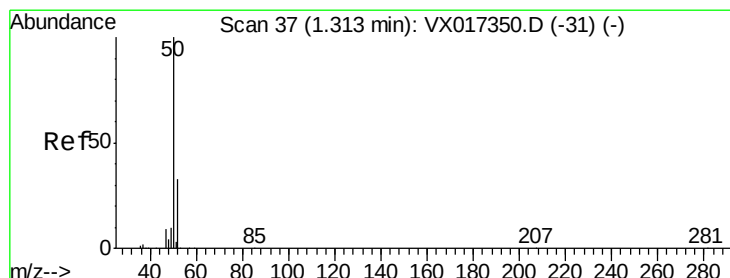
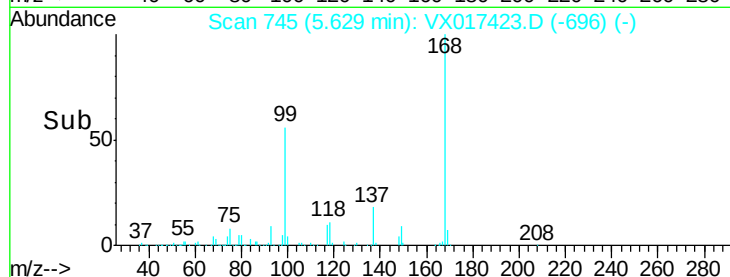
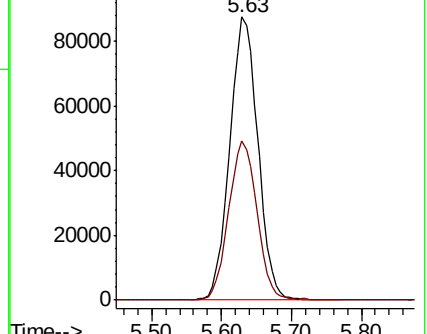
168 100

99 56.2 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.271 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017423.D

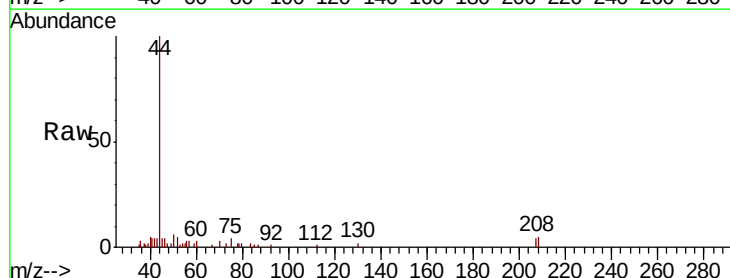
Acq: 17 Jul 2020 16:34

Tgt Ion: 50 Resp: 631

Ion Ratio Lower Upper

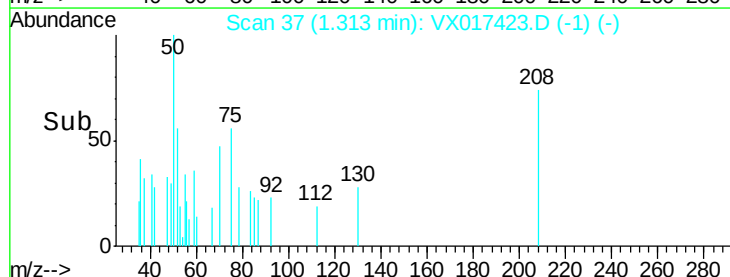
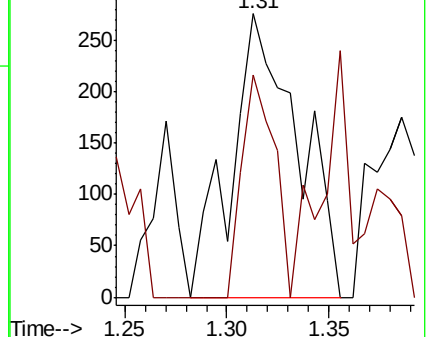
50 100

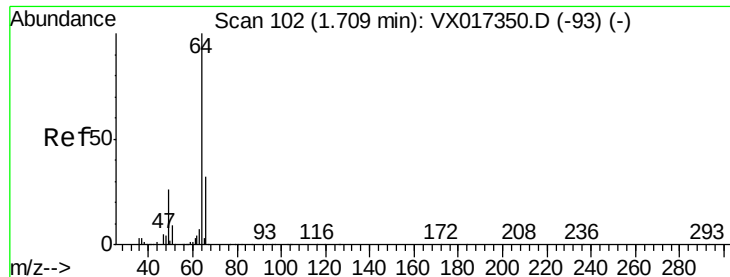
52 78.3 26.7 40.1#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#6

Chloroethane

Concen: 0.239 ug/l

RT: 1.73 min Scan# 105

Delta R.T. 0.02 min

Lab File: VX017423.D

Acq: 17 Jul 2020 16:34

Instrument :

MSVOA_X

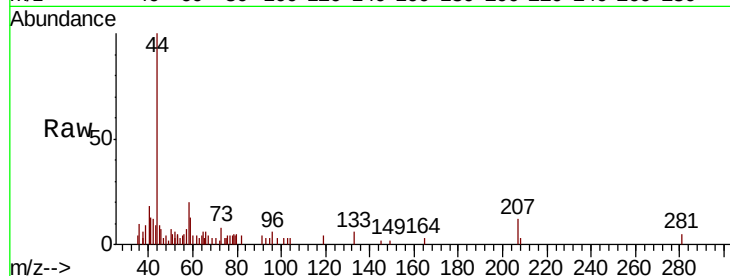
ClientSampleId :

Tot Ion: 64 Resp: 347

Ion Ratio Lower Upper

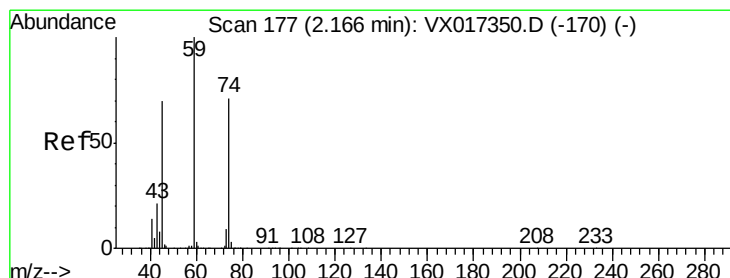
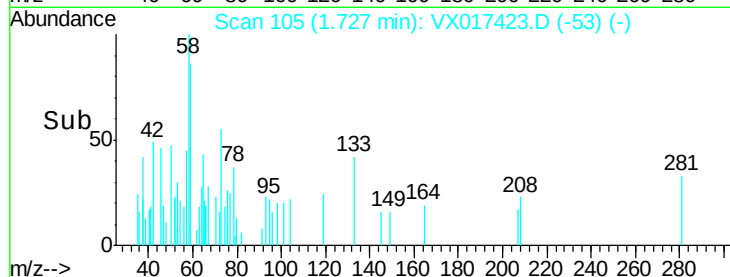
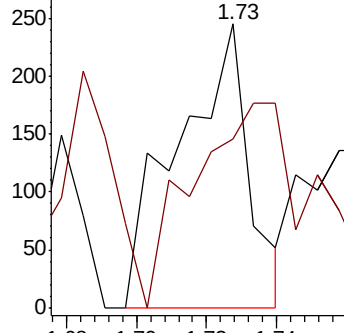
64 100

66 29.8 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#8

Diethyl Ether

Concen: 0.937 ug/l

RT: 2.17 min Scan# 178

Delta R.T. 0.01 min

Lab File: VX017423.D

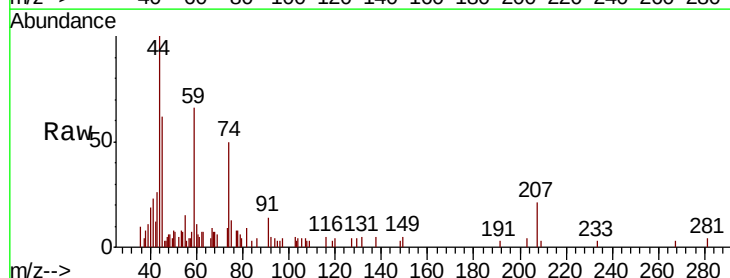
Acq: 17 Jul 2020 16:34

Tgt Ion: 74 Resp: 1287

Ion Ratio Lower Upper

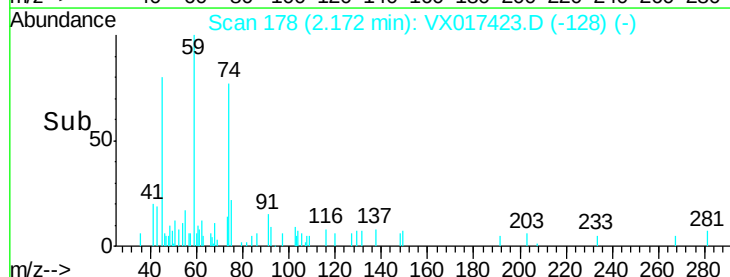
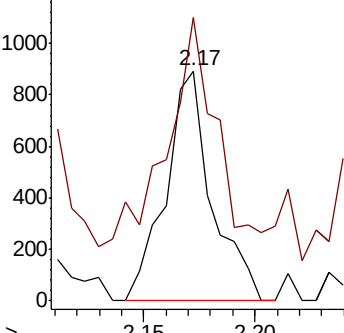
74 100

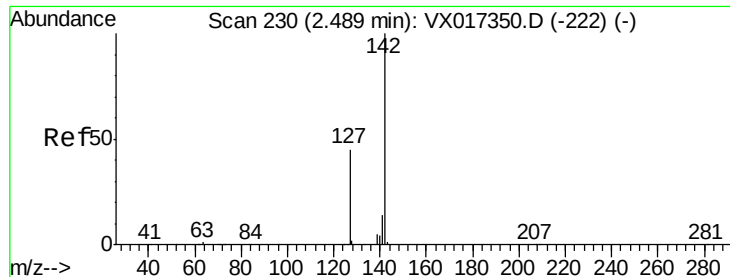
45 103.6 47.2 141.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

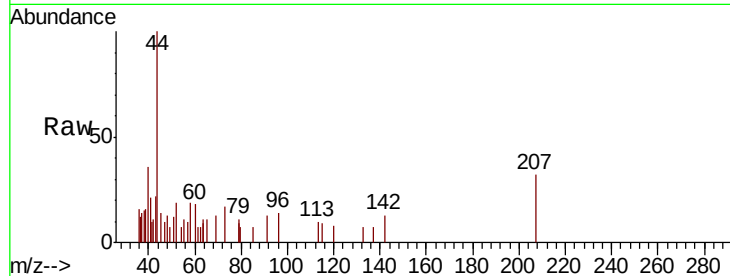




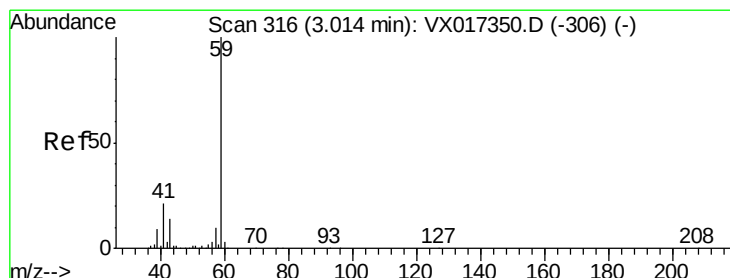
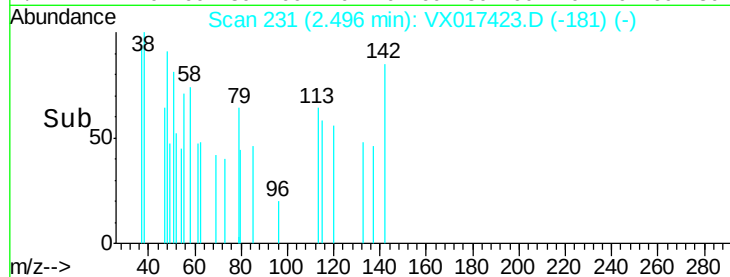
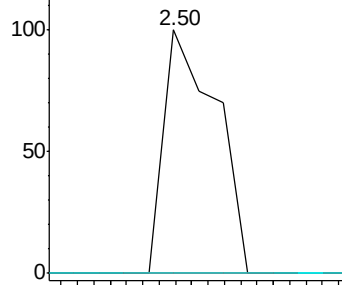
#10
Methyl Iodide
Concen: 2.403 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX017423.D
Acq: 17 Jul 2020 16:34

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:142 Resp: 90
Ion Ratio Lower Upper
142 100
127 0.0 36.8 55.2#
141 0.0 11.4 17.0#

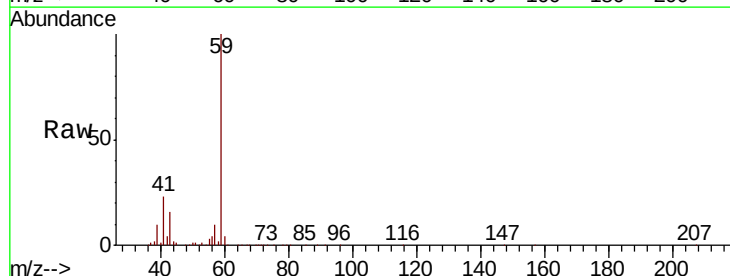


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

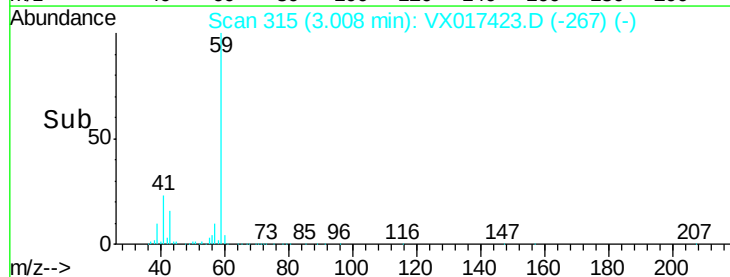
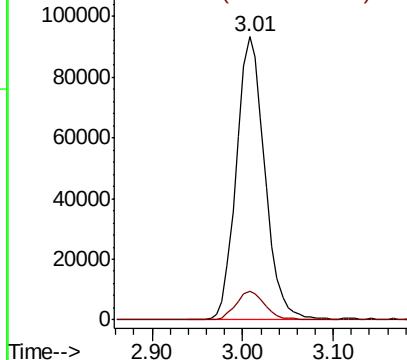


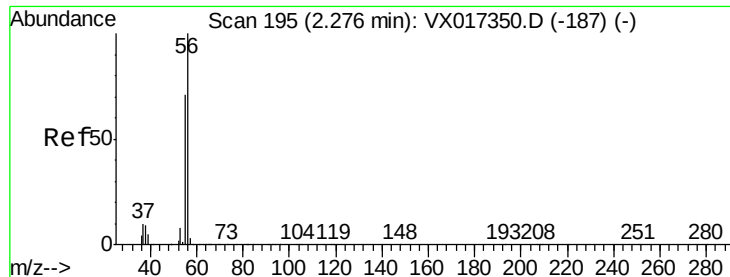
#11
Tert butyl alcohol
Concen: 393.689 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017423.D
Acq: 17 Jul 2020 16:34

Tgt Ion: 59 Resp: 203463
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 1.101 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX017423.D

Acq: 17 Jul 2020 16:34

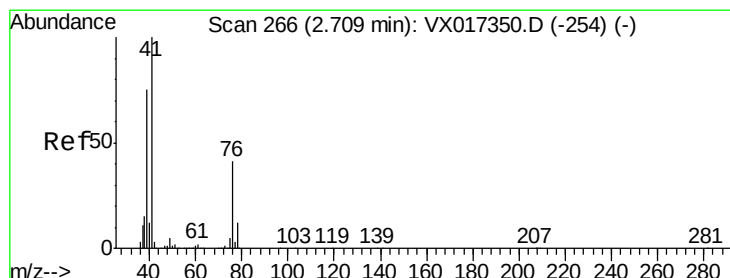
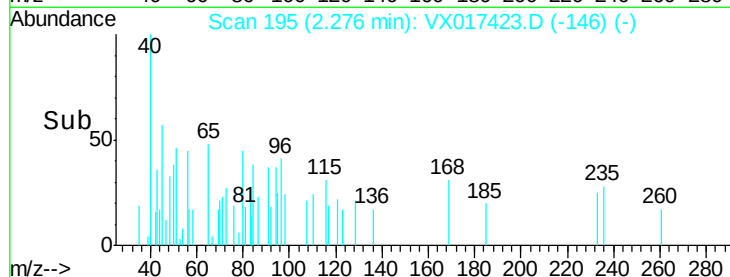
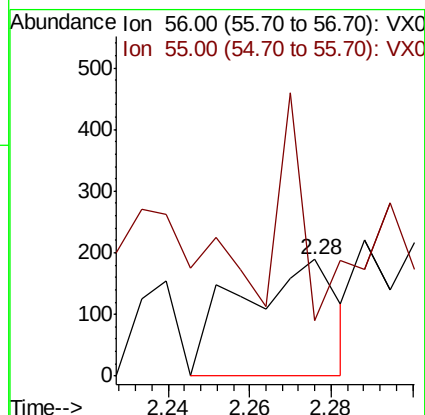
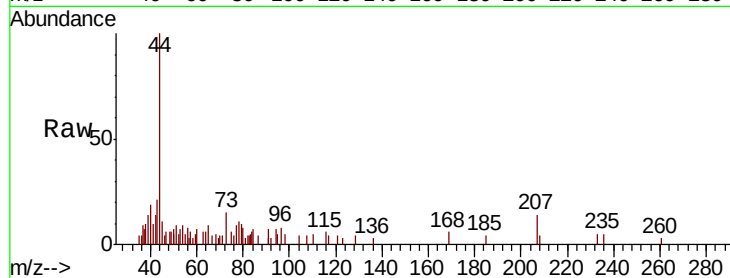
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 312

Ion Ratio Lower Upper

56 100

55 88.1 57.1 85.7#



#14

Allyl chloride

Concen: 0.701 ug/l

RT: 2.68 min Scan# 261

Delta R.T. -0.03 min

Lab File: VX017423.D

Acq: 17 Jul 2020 16:34

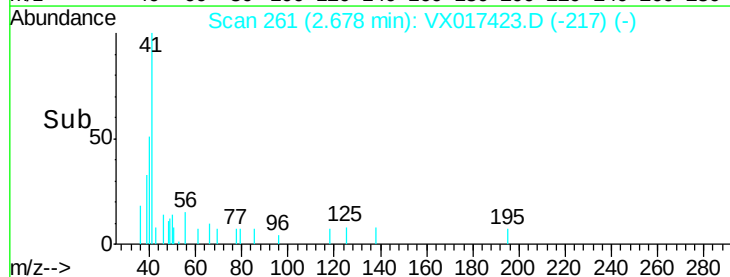
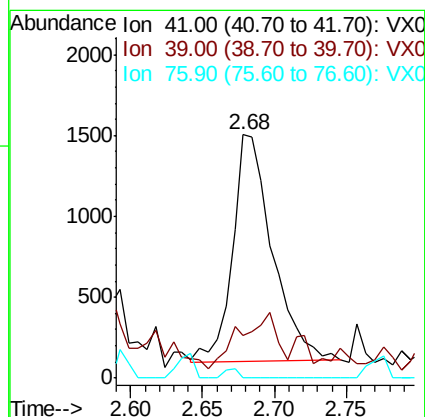
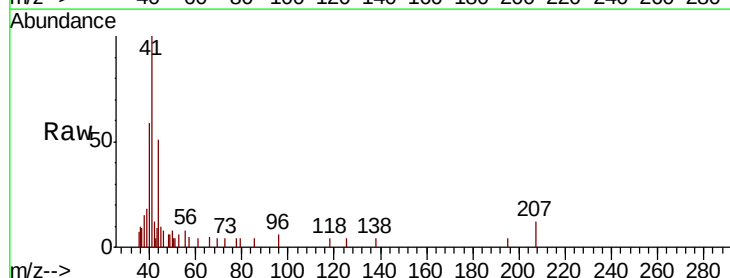
Tgt Ion: 41 Resp: 2702

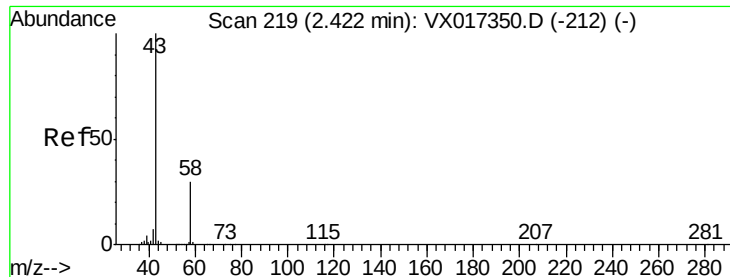
Ion Ratio Lower Upper

41 100

39 23.5 53.0 79.4#

76 0.0 28.2 42.2#





#16

Acetone

Concen: 53.208 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017423.D

Acq: 17 Jul 2020 16:34

Instrument :

MSVOA_X

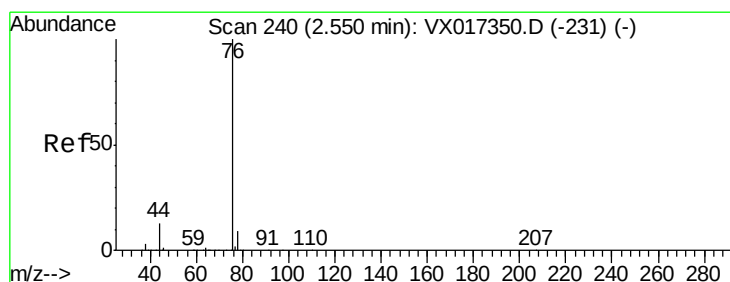
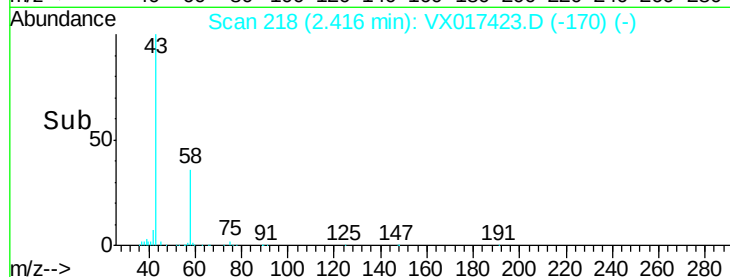
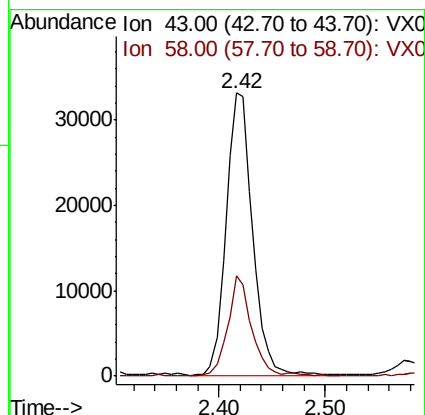
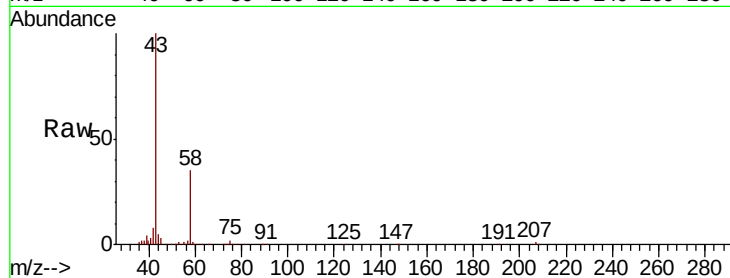
ClientSampleId :

Tot Ion: 43 Resp: 58228

Ion Ratio Lower Upper

43 100

58 35.4 24.2 36.2



#17

Carbon Disulfide

Concen: 0.294 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX017423.D

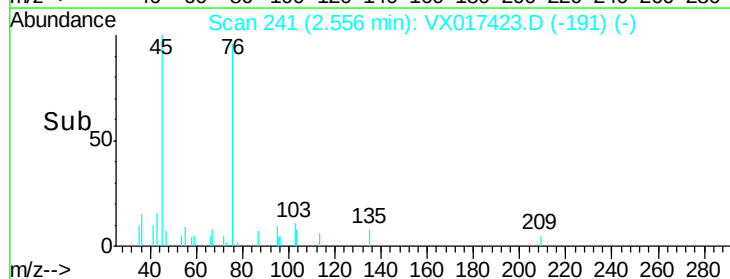
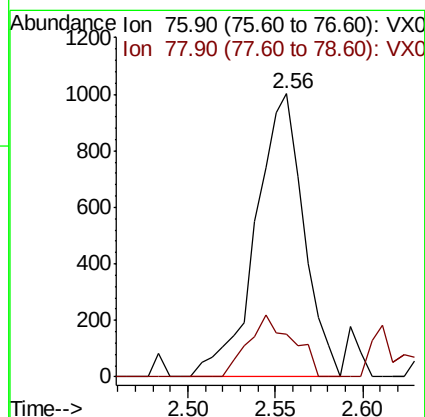
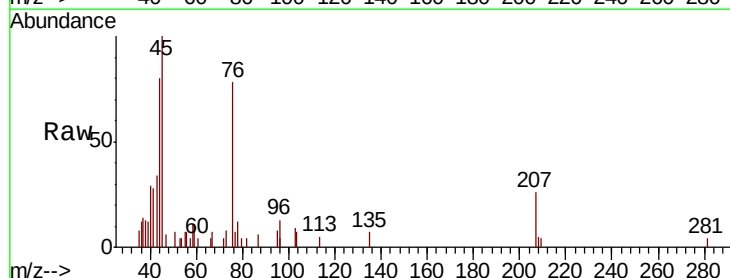
Acq: 17 Jul 2020 16:34

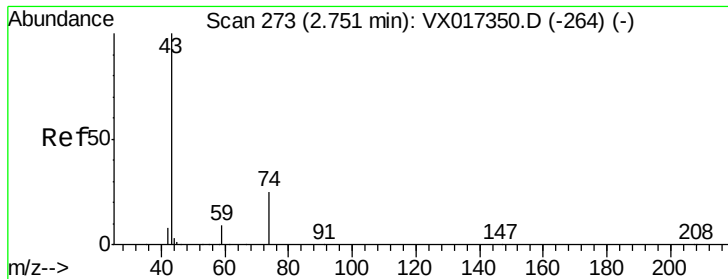
Tgt Ion: 76 Resp: 1909

Ion Ratio Lower Upper

76 100

78 15.0 7.3 10.9#

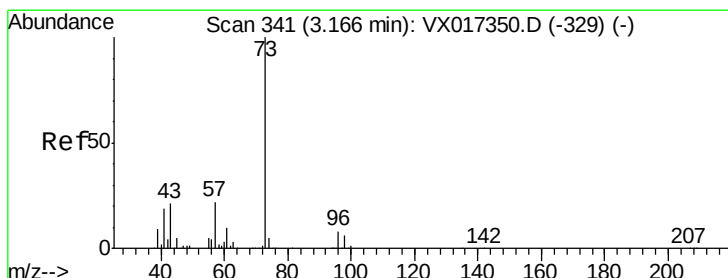
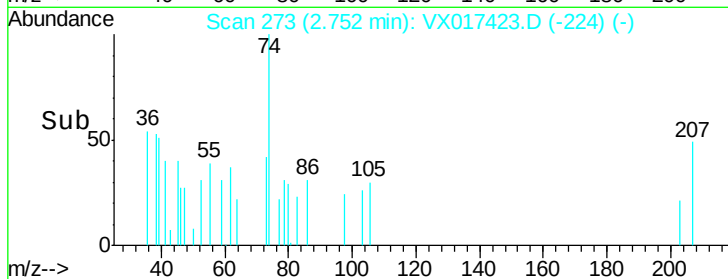
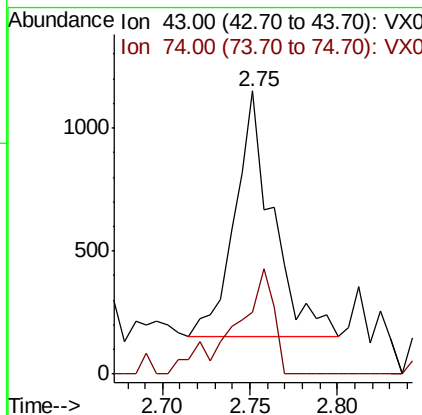
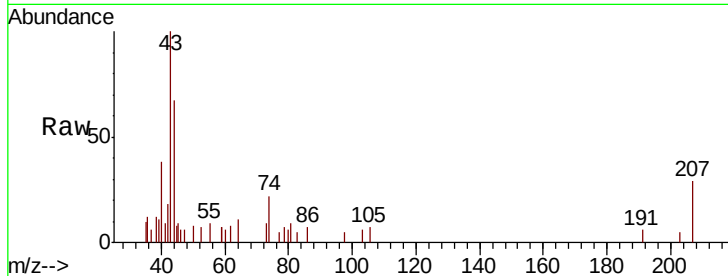




#18
Methyl Acetate
Concen: 0.558 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX017423.D
Acq: 17 Jul 2020 16:34

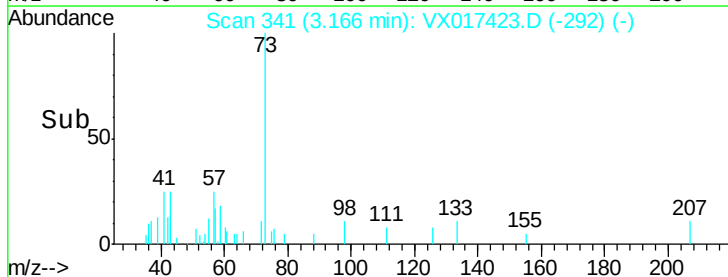
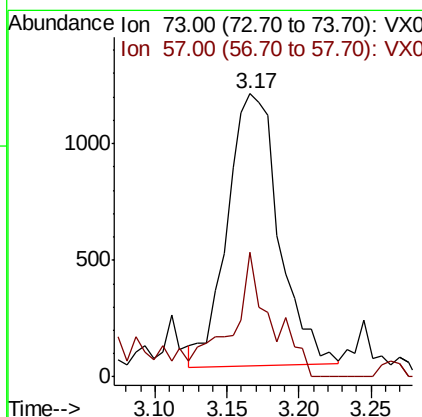
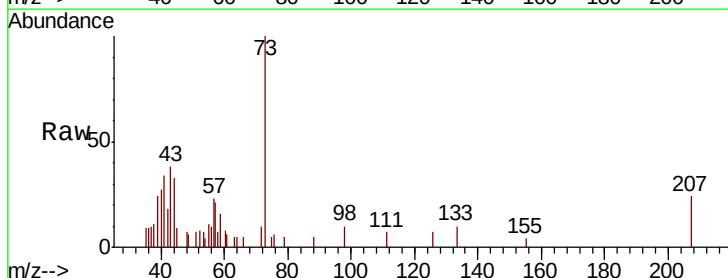
Instrument :
MSVOA_X
ClientSampled :

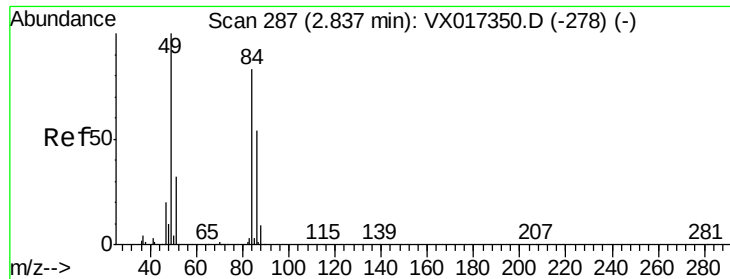
Tot Ion: 43 Resp: 1508
Ion Ratio Lower Upper
43 100
74 43.6 19.4 29.2#



#19
Methyl tert-butyl Ether
Concen: 0.385 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX017423.D
Acq: 17 Jul 2020 16:34

Tgt Ion: 73 Resp: 2909
Ion Ratio Lower Upper
73 100
57 46.9 17.5 26.3#

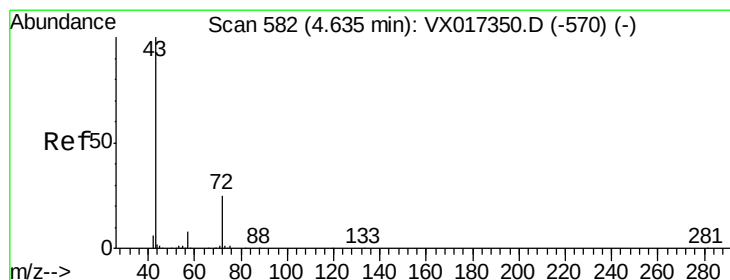
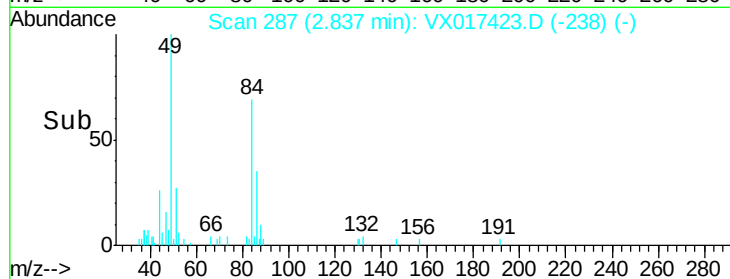
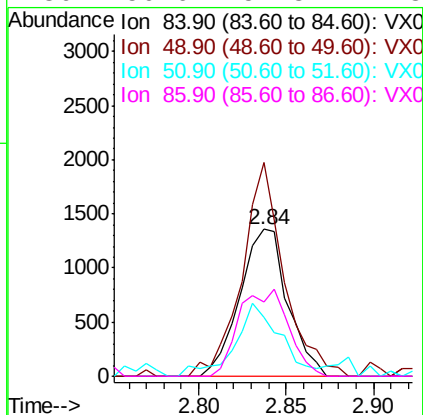
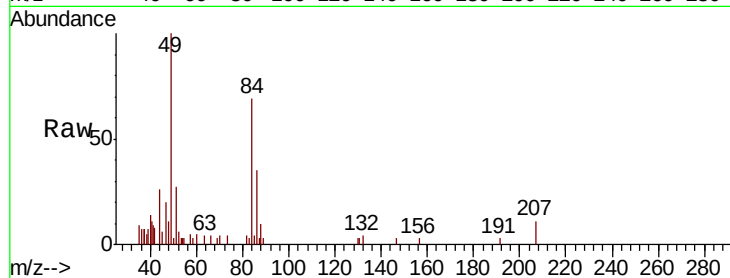




#20
Methylene Chloride
Concen: 0.968 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017423.D
Acq: 17 Jul 2020 16:34

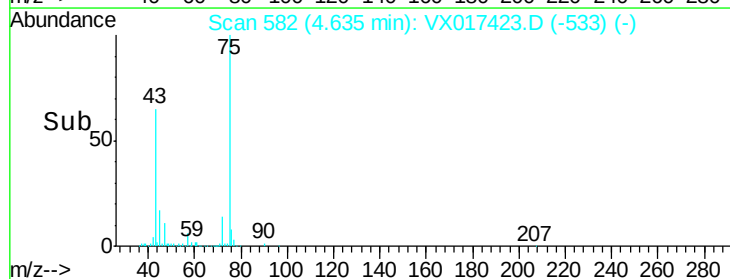
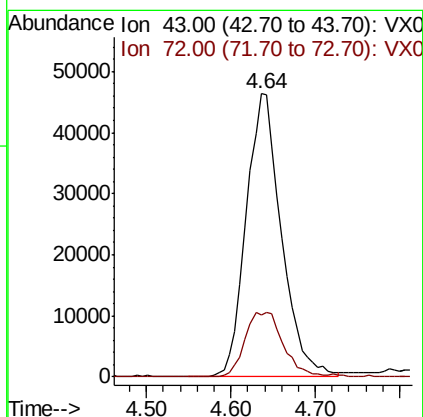
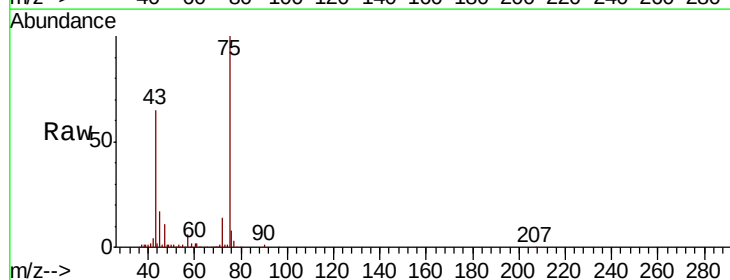
Instrument :
MSVOA_X
ClientSampleId :

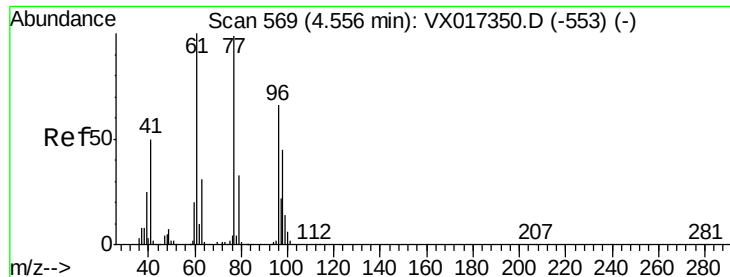
Tot Ion: 84 Resp: 2585
Ion Ratio Lower Upper
84 100
49 145.7 95.8 143.8#
51 32.5 31.0 46.4
86 50.6 51.8 77.8#



#25
2-Butanone
Concen: 75.900 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX017423.D
Acq: 17 Jul 2020 16:34

Tgt Ion: 43 Resp: 131925
Ion Ratio Lower Upper
43 100
72 22.1 20.4 30.6





#26

2,2-Dichloropropane

Concen: 2.985 ug/l

RT: 4.66 min Scan# 586

Delta R.T. 0.10 min

Lab File: VX017423.D

Acq: 17 Jul 2020 16:34

Instrument :

MSVOA_X

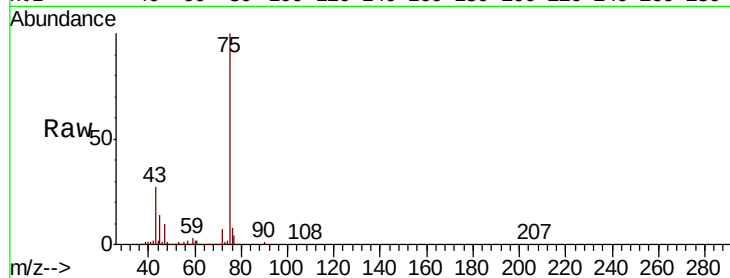
ClientSampleId :

Tot Ion: 77 Resp: 11984

Ion Ratio Lower Upper

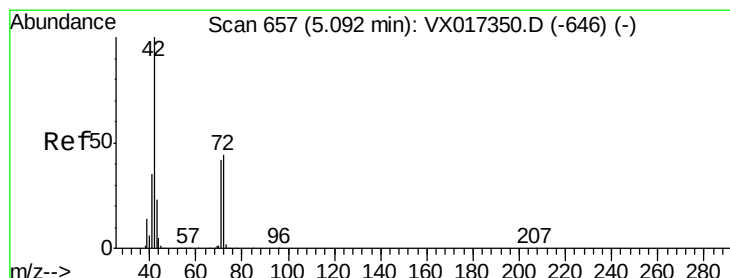
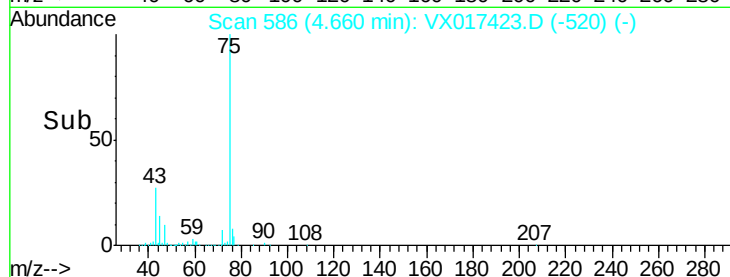
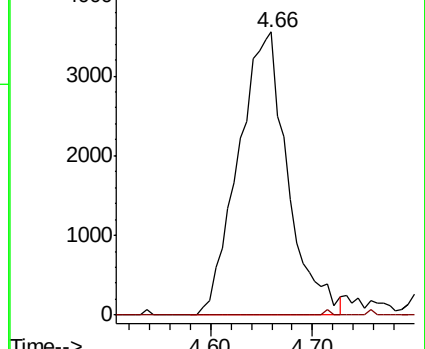
77 100

97 0.0 11.1 33.3#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



#29

Tetrahydrofuran

Concen: 58.491 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX017423.D

Acq: 17 Jul 2020 16:34

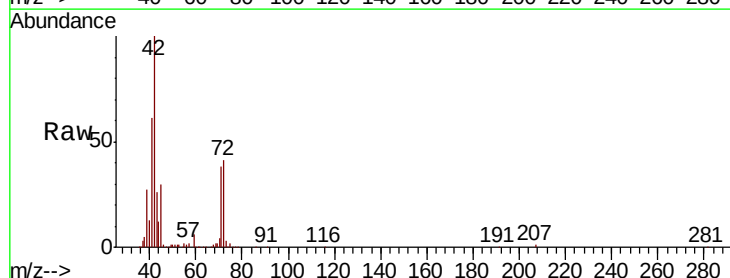
Tgt Ion: 42 Resp: 65810

Ion Ratio Lower Upper

42 100

72 43.0 37.2 55.8

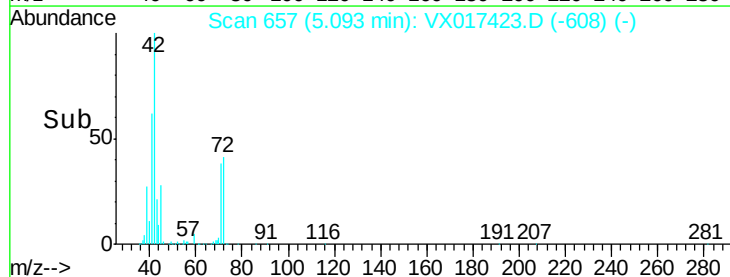
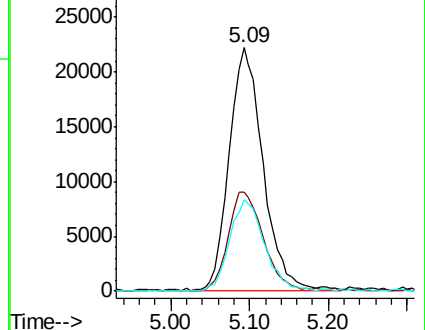
71 38.7 34.4 51.6

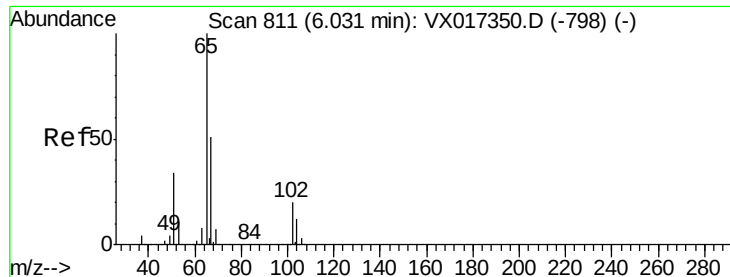


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

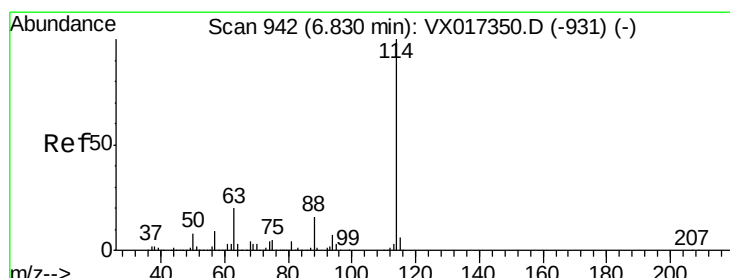
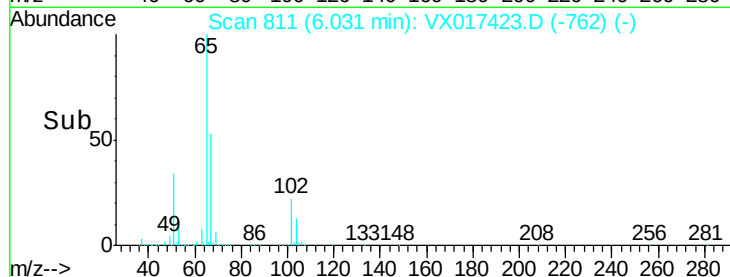
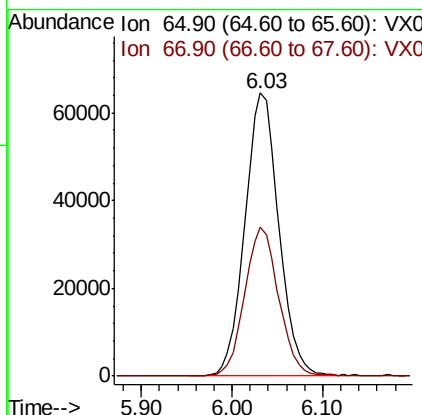
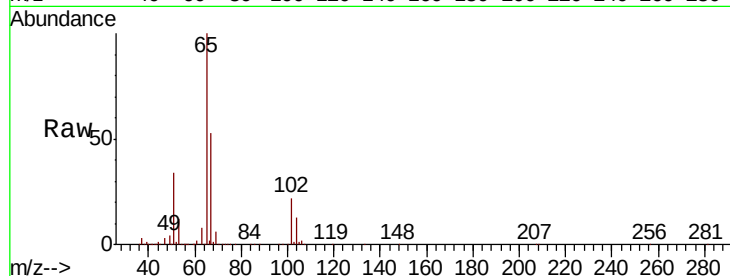




#33
 1,2-Dichloroethane-d4
 Concen: 54.406 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX017423.D
 Acq: 17 Jul 2020 16:34

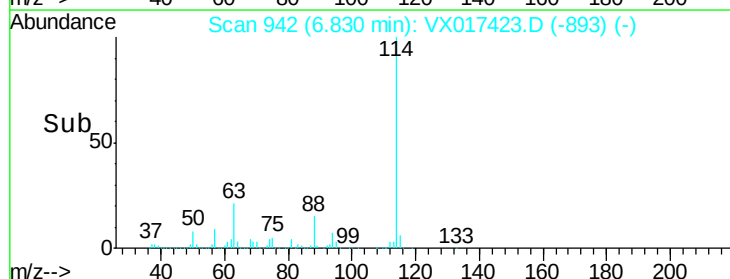
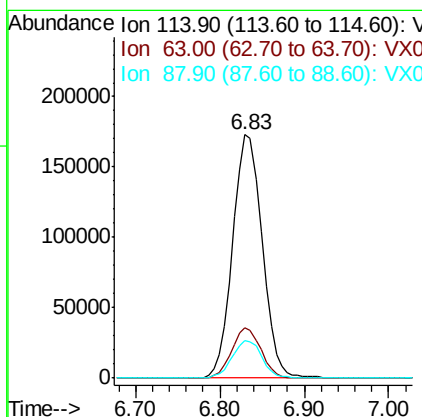
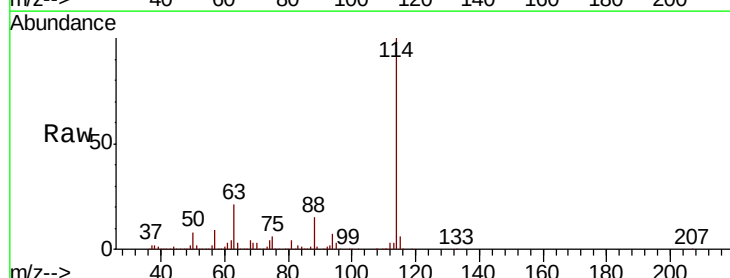
Instrument :
 MSVOA_X
 ClientSampleId :

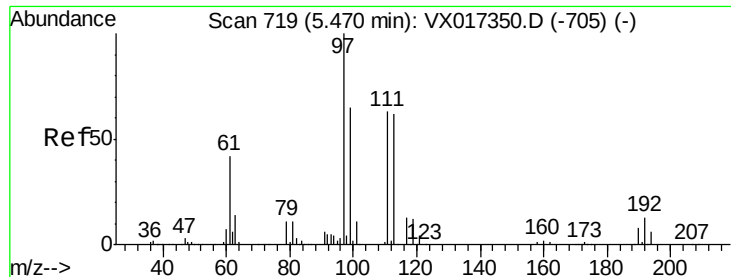
Tot Ion: 65 Resp: 166887
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX017423.D
 Acq: 17 Jul 2020 16:34

Tgt Ion: 114 Resp: 410710
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.0
 88 15.4 0.0 32.8

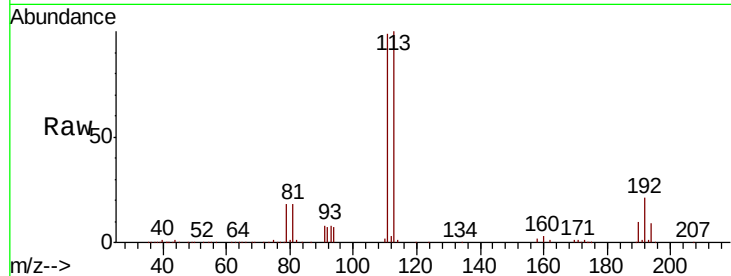




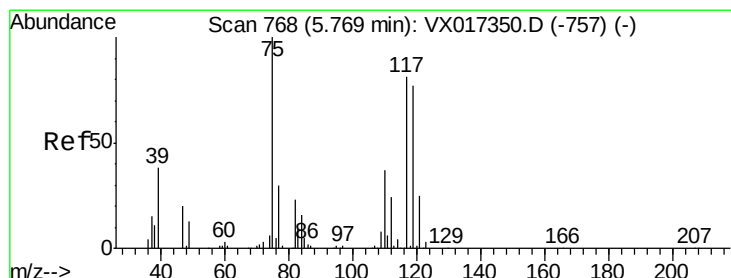
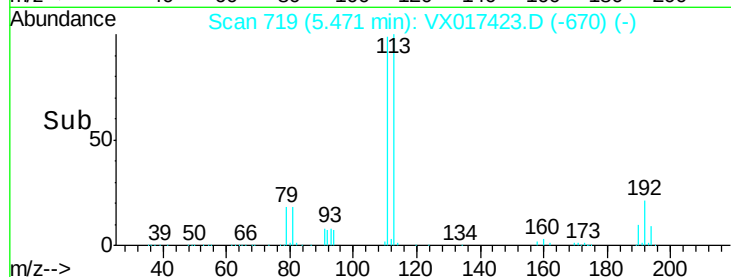
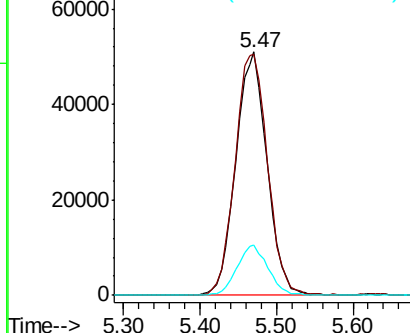
#35
 Dibromofluoromethane
 Concen: 52.290 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: VX017423.D
 Acq: 17 Jul 2020 16:34

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:113 Resp: 144665
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.4 123.6
 192 20.4 17.2 25.8

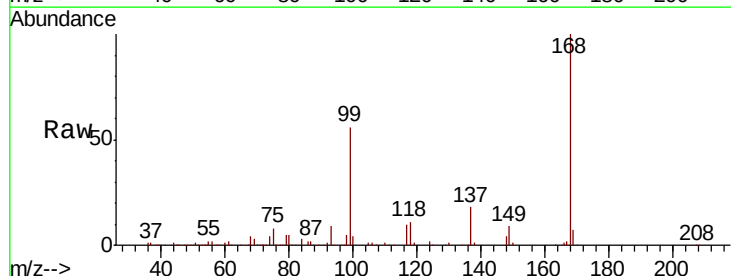


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

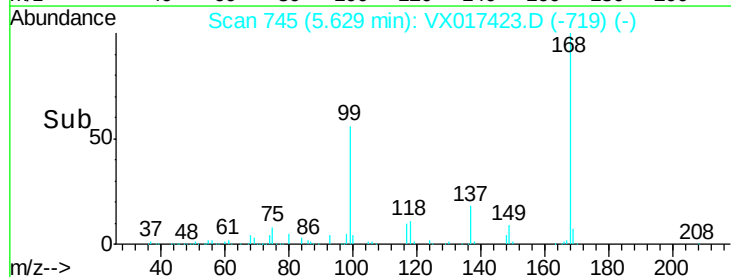
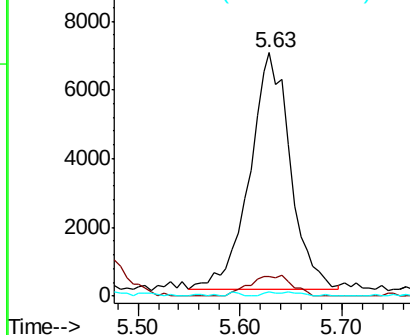


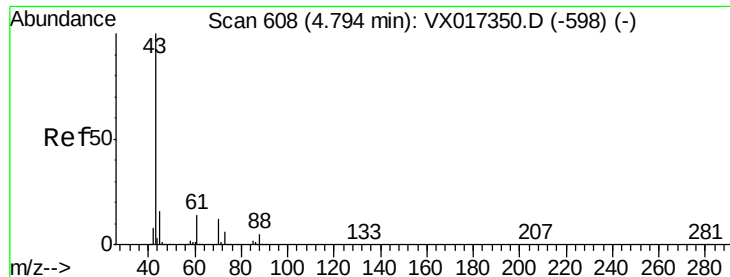
#36
 1,1-Dichloropropene
 Concen: 5.096 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX017423.D
 Acq: 17 Jul 2020 16:34

Tgt Ion: 75 Resp: 19251
 Ion Ratio Lower Upper
 75 100
 110 8.9 18.6 55.8#
 77 0.7 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

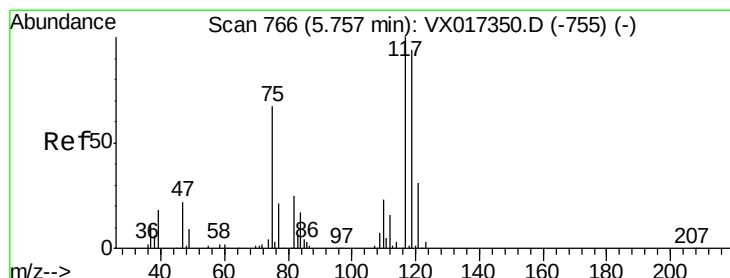
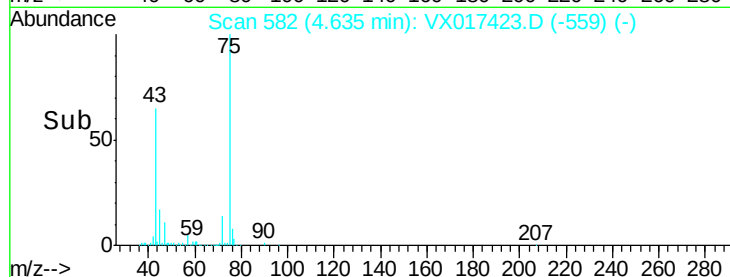
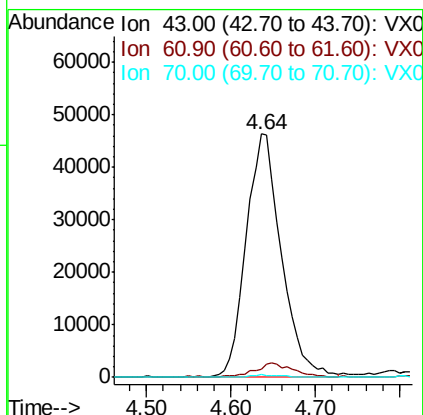
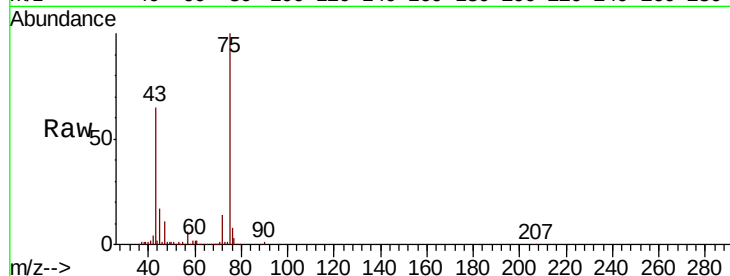




#37
Ethyl Acetate
Concen: 33.768 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.16 min
Lab File: VX017423.D
Acq: 17 Jul 2020 16:34

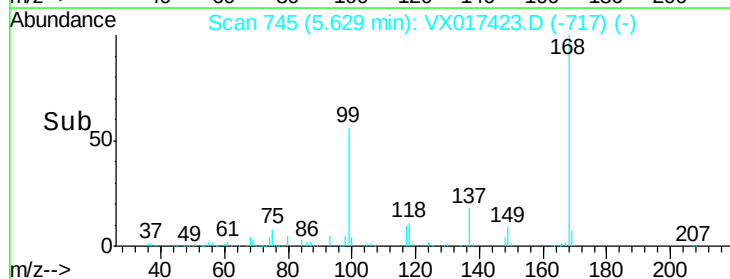
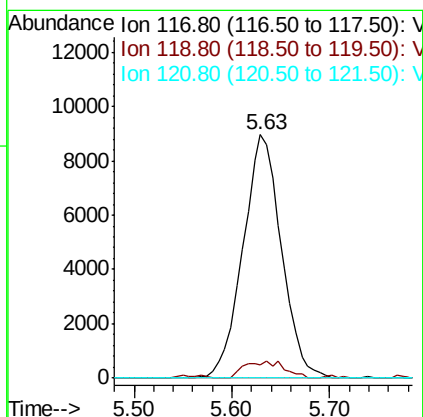
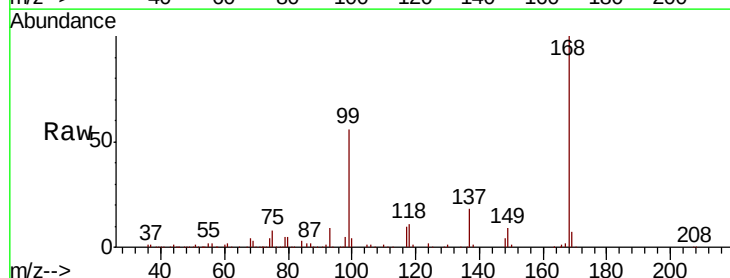
Instrument :
MSVOA_X
ClientSampleId :

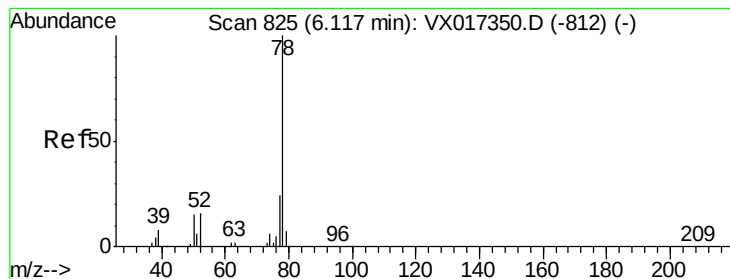
Tot Ion: 43 Resp: 131925
Ion Ratio Lower Upper
43 100
61 6.3 10.7 16.1#
70 0.9 9.0 13.6#



#38
Carbon Tetrachloride
Concen: 5.550 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX017423.D
Acq: 17 Jul 2020 16:34

Tgt Ion: 117 Resp: 24548
Ion Ratio Lower Upper
117 100
119 5.6 74.7 112.1#
121 0.0 24.5 36.7#





#40

Benzene

Concen: 0.476 ug/l

RT: 6.12 min Scan# 826

Delta R.T. 0.01 min

Lab File: VX017423.D

Acq: 17 Jul 2020 16:34

Instrument :

MSVOA_X

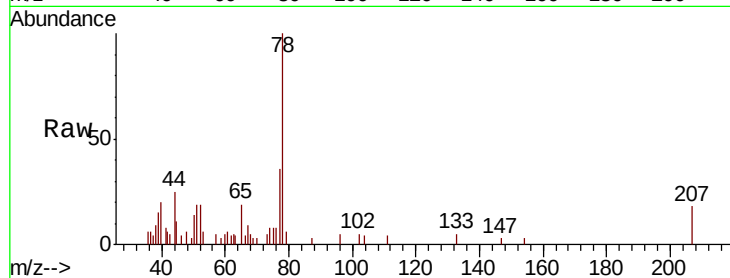
ClientSampleId :

Tot Ion: 78 Resp: 5173

Ion Ratio Lower Upper

78 100

77 36.4 18.9 28.3#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.12

2000

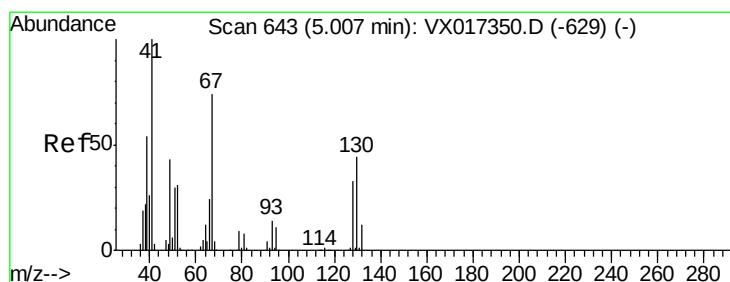
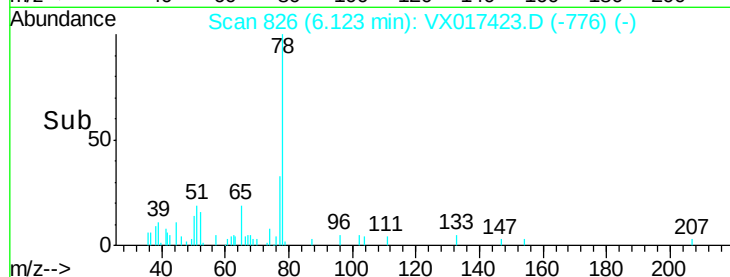
1500

1000

500

0

Time--> 6.00 6.05 6.10 6.15 6.20



#41

Methacrylonitrile

Concen: 19.411 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.09 min

Lab File: VX017423.D

Acq: 17 Jul 2020 16:34

Tgt Ion: 41 Resp: 40713

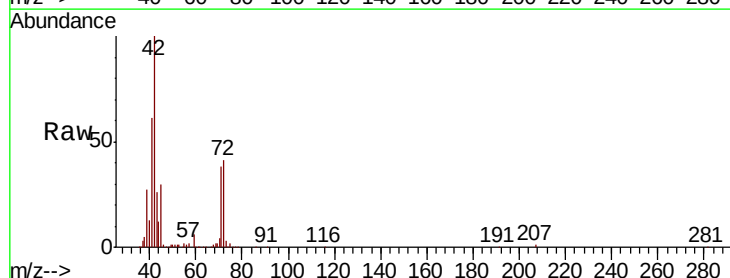
Ion Ratio Lower Upper

41 100

39 46.1 43.8 65.8

67 0.0 58.7 88.1#

52 0.8 24.9 37.3#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

5.09

20000

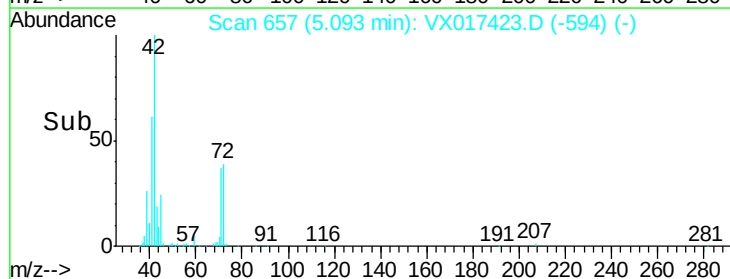
15000

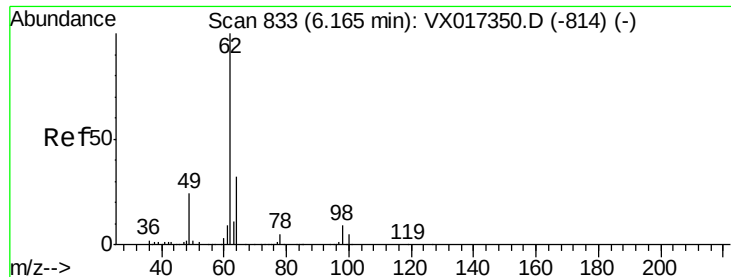
10000

5000

0

Time--> 5.00 5.10 5.20

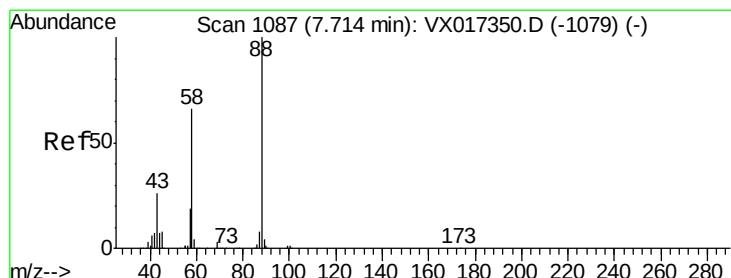
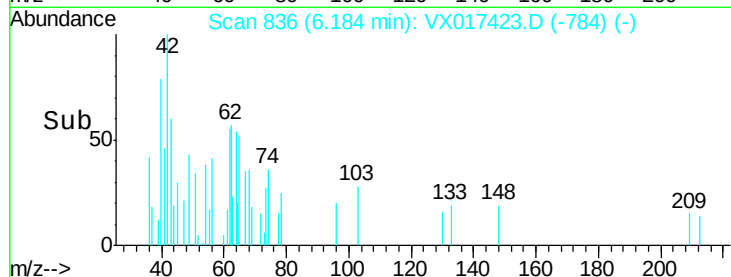
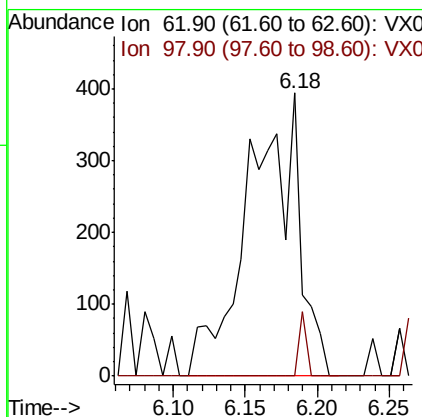
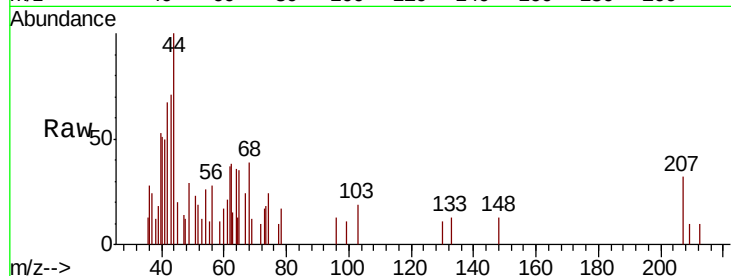




#42
1,2-Dichloroethane
Concen: 0.231 ug/l
RT: 6.18 min Scan# 836
Delta R.T. 0.02 min
Lab File: VX017423.D
Acq: 17 Jul 2020 16:34

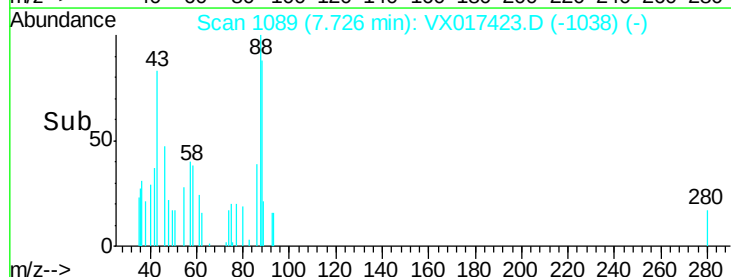
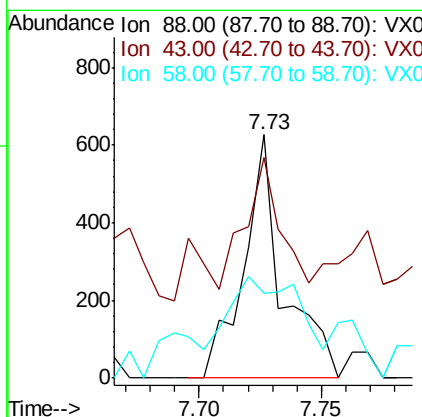
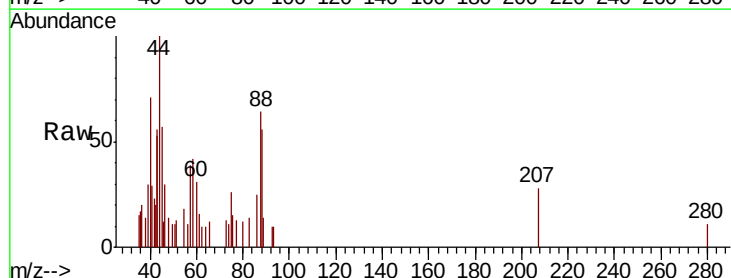
Instrument :
MSVOA_X
ClientSampleId :

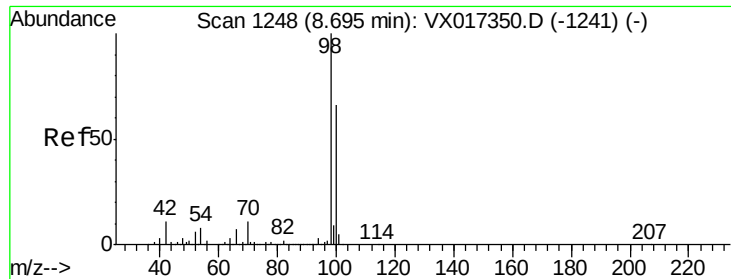
Tot Ion: 62 Resp: 973
Ion Ratio Lower Upper
62 100
98 3.4 0.0 19.4



#49
1,4-Dioxane
Concen: 11.271 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VX017423.D
Acq: 17 Jul 2020 16:34

Tgt Ion: 88 Resp: 691
Ion Ratio Lower Upper
88 100
43 48.2 25.6 38.4#
58 78.6 53.9 80.9

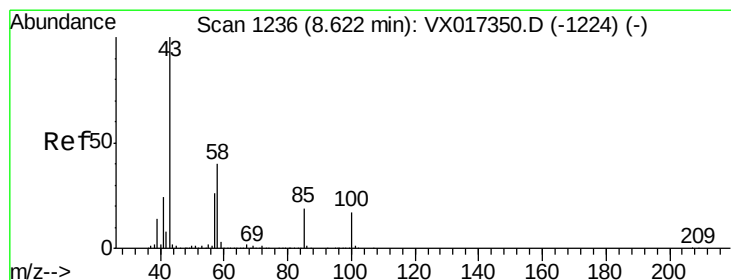
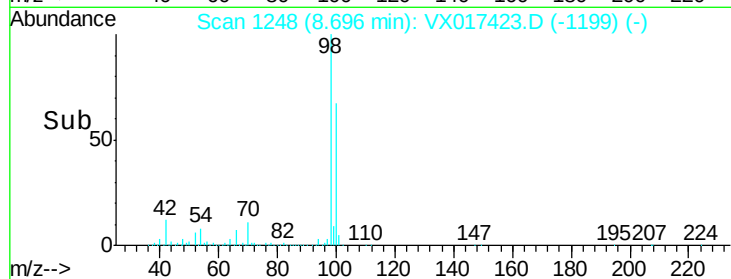
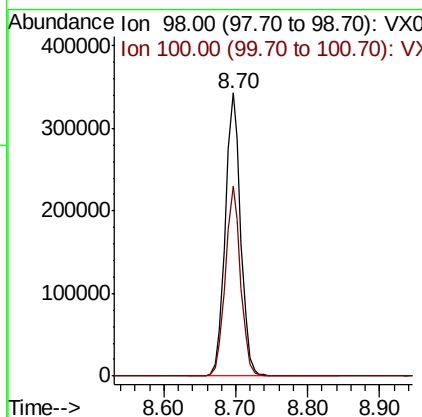
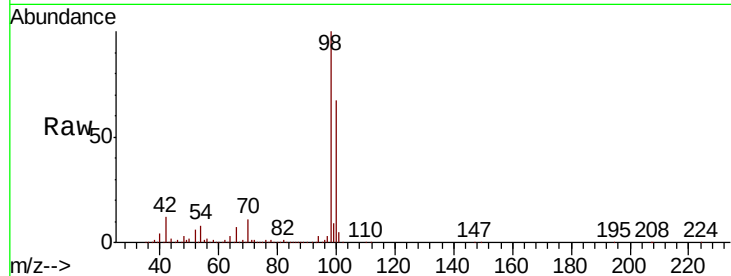




#50
Toluene-d8
Concen: 51.494 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017423.D
Acq: 17 Jul 2020 16:34

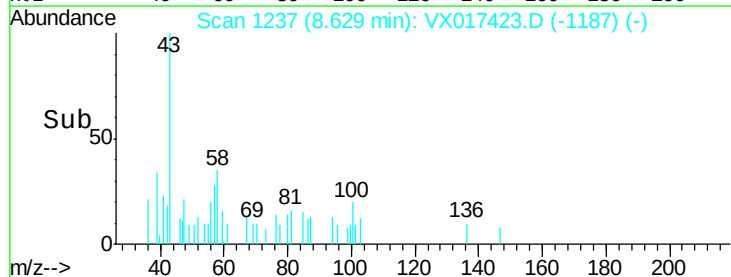
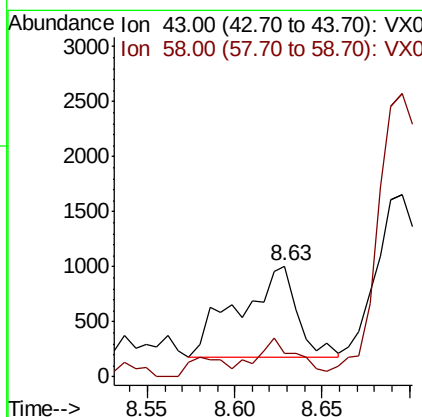
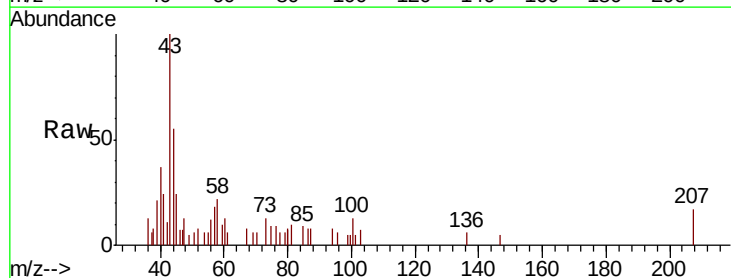
Instrument :
MSVOA_X
ClientSampleId :

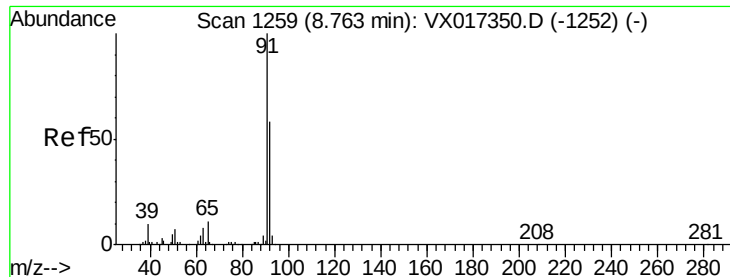
Tot Ion: 98 Resp: 513887
Ion Ratio Lower Upper
98 100
100 66.1 53.4 80.2



#51
4-Methyl-2-Pentanone
Concen: 0.498 ug/l
RT: 8.63 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VX017423.D
Acq: 17 Jul 2020 16:34

Tgt Ion: 43 Resp: 1896
Ion Ratio Lower Upper
43 100
58 26.3 32.2 48.2#





#52

Toluene

Concen: 0.465 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017423.D

Acq: 17 Jul 2020 16:34

Instrument :

MSVOA_X

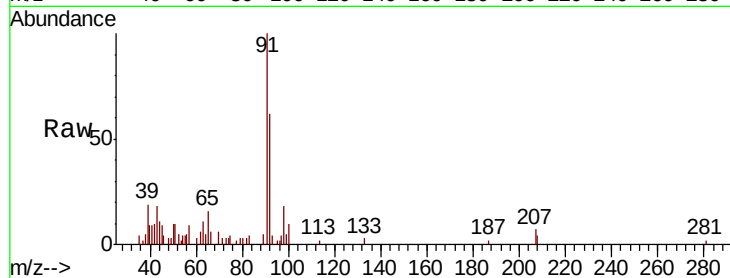
ClientSampleId :

Tot Ion: 92 Resp: 3240

Ion Ratio Lower Upper

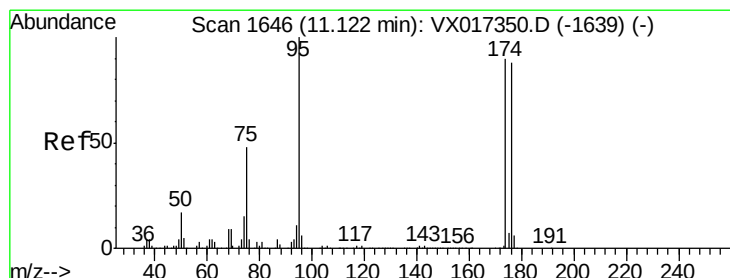
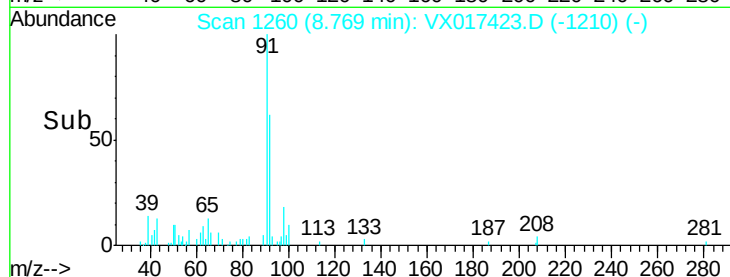
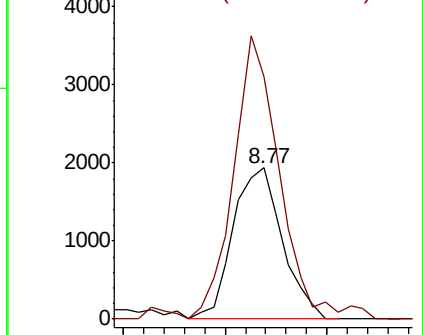
92 100

91 175.2 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 54.778 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017423.D

Acq: 17 Jul 2020 16:34

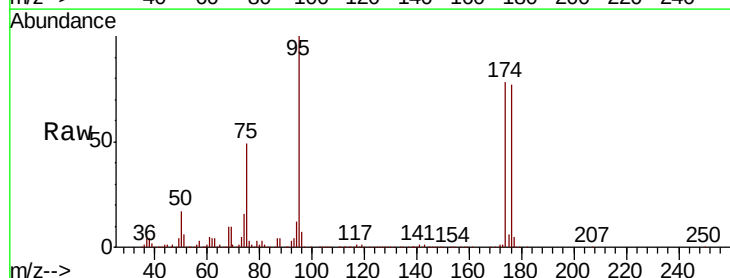
Tgt Ion: 95 Resp: 217143

Ion Ratio Lower Upper

95 100

174 80.3 0.0 175.8

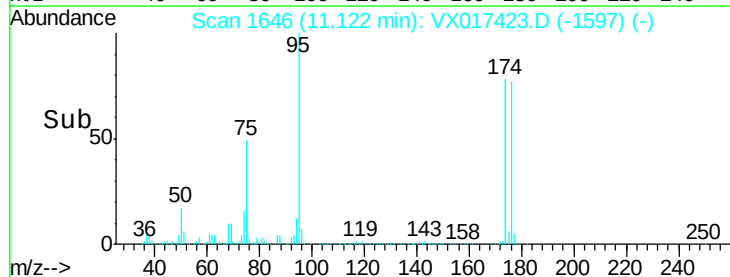
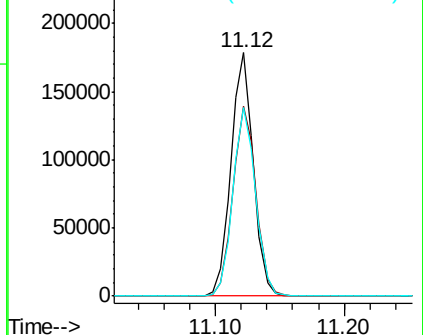
176 78.7 0.0 164.6

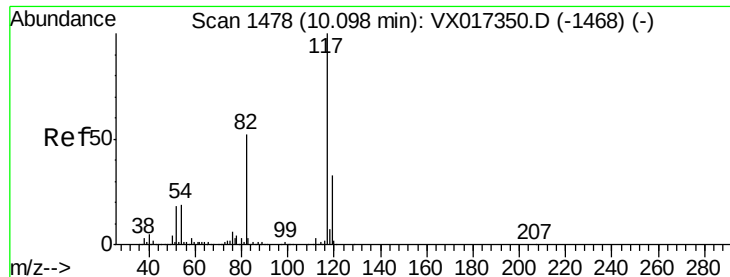


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

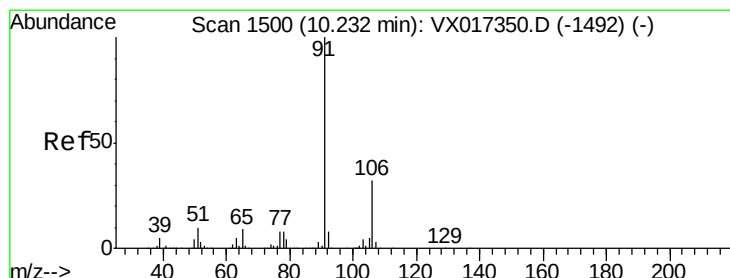
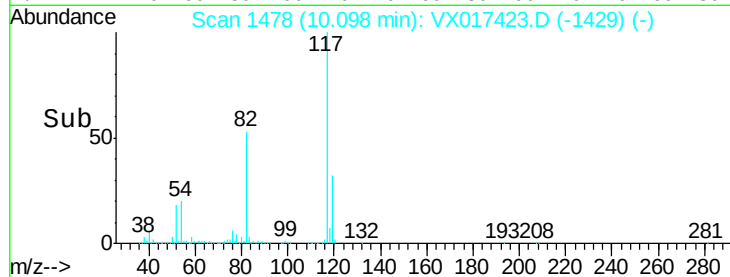
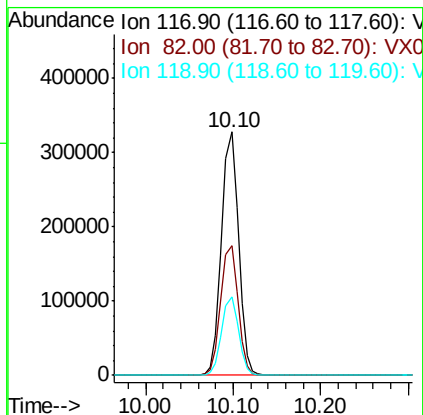
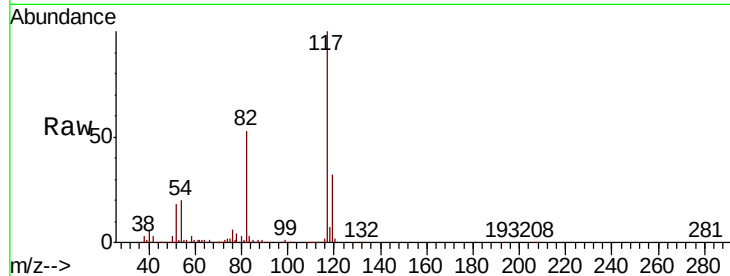




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017423.D
Acq: 17 Jul 2020 16:34

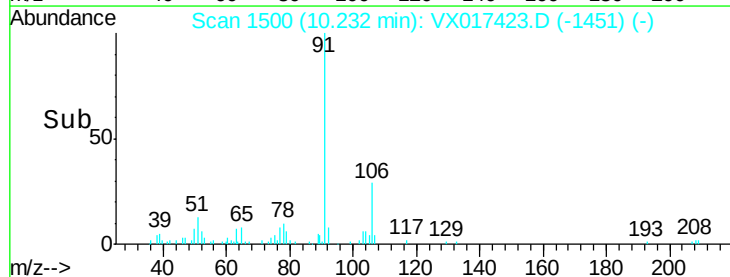
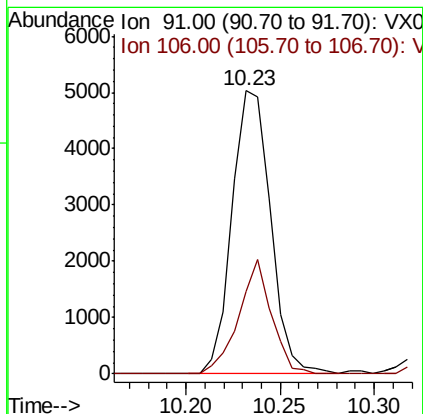
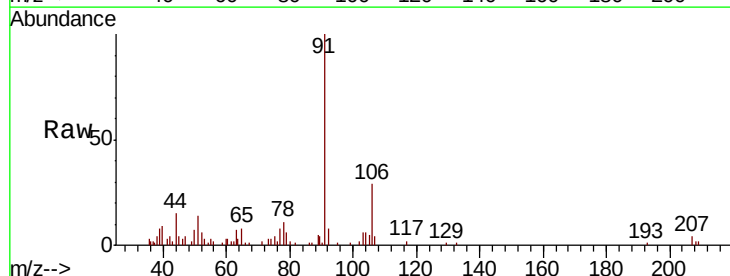
Instrument :
MSVOA_X
ClientSampled :

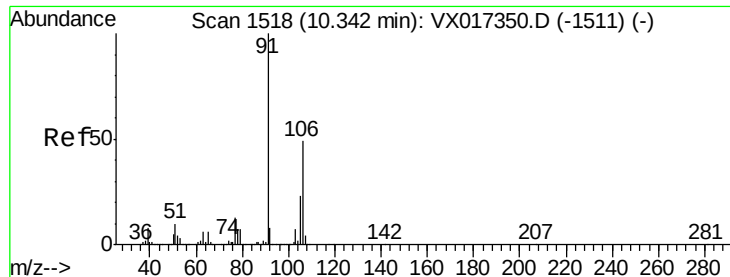
Tot Ion:117 Resp: 442543
Ion Ratio Lower Upper
117 100
82 53.1 42.0 63.0
119 32.3 26.3 39.5



#67
Ethyl Benzene
Concen: 0.478 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX017423.D
Acq: 17 Jul 2020 16:34

Tgt Ion: 91 Resp: 7161
Ion Ratio Lower Upper
91 100
106 29.3 25.7 38.5





#68

m/p-Xylenes

Concen: 0.758 ug/l

RT: 10.34 min Scan# 1517

Delta R.T. -0.01 min

Lab File: VX017423.D

Acq: 17 Jul 2020 16:34

Instrument :

MSVOA_X

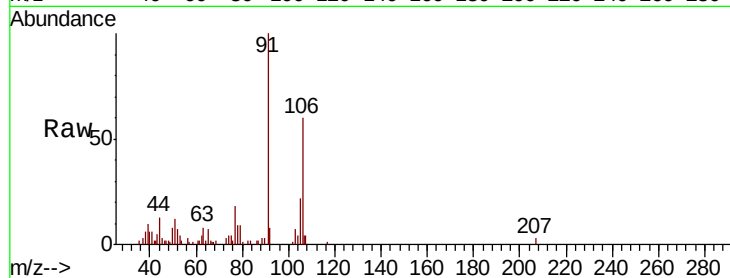
ClientSampleId :

Tot Ion:106 Resp: 4320

Ion Ratio Lower Upper

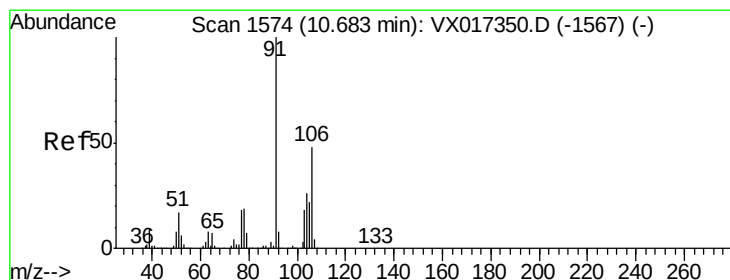
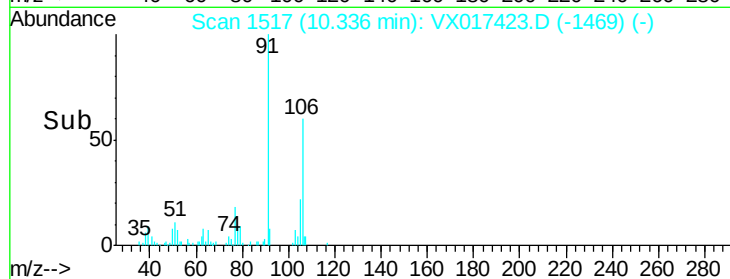
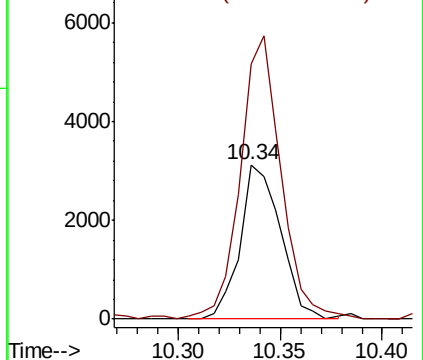
106 100

91 183.5 162.5 243.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.439 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX017423.D

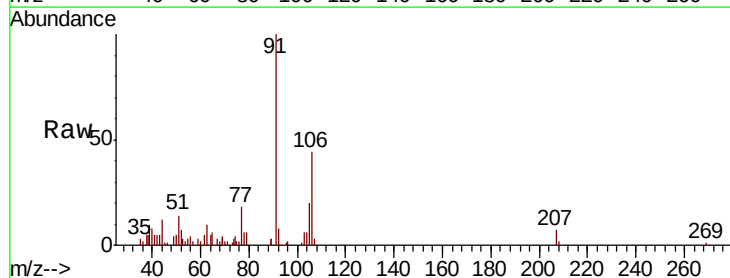
Acq: 17 Jul 2020 16:34

Tgt Ion:106 Resp: 2392

Ion Ratio Lower Upper

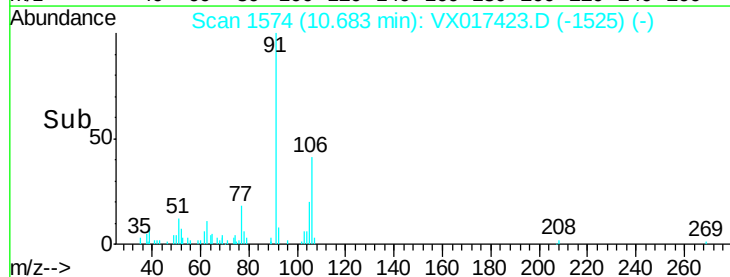
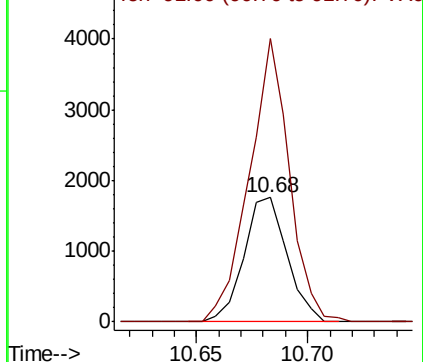
106 100

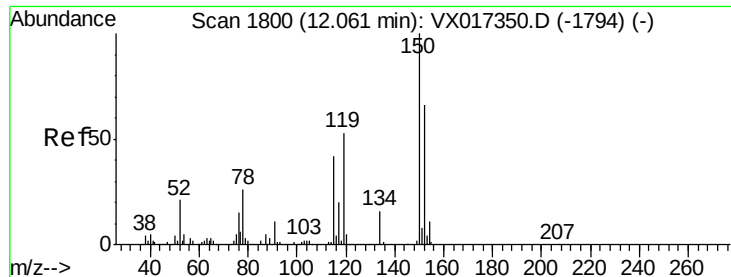
91 209.8 106.1 318.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017423.D

Acq: 17 Jul 2020 16:34

Instrument :

MSVOA_X

ClientSampleId :

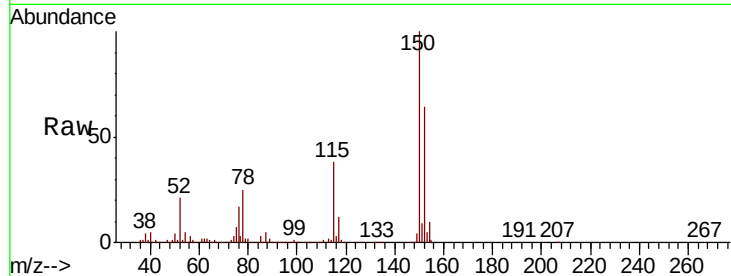
Tot Ion:152 Resp: 236221

Ion Ratio Lower Upper

152 100

115 57.5 39.9 119.7

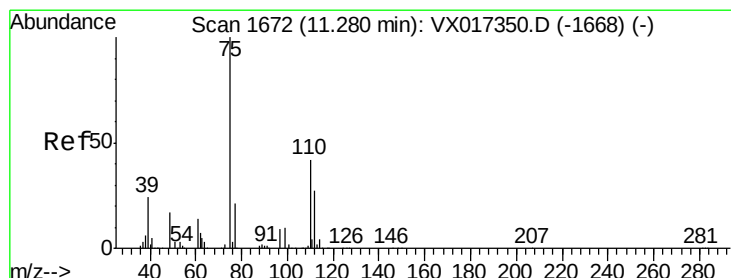
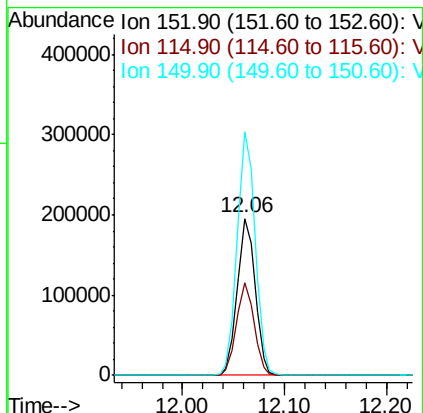
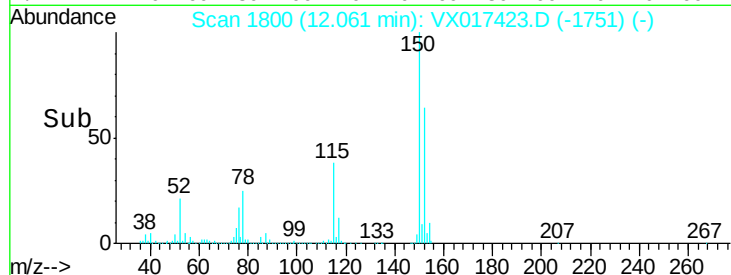
150 155.1 0.0 343.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 24.961 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017423.D

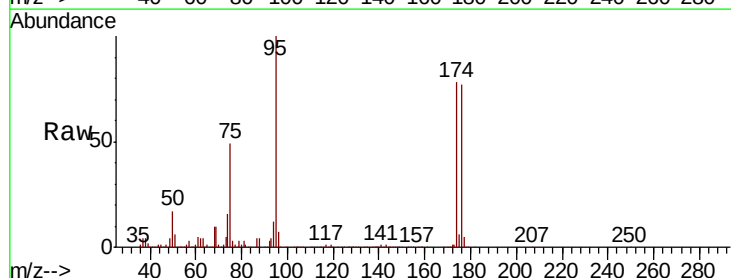
Acq: 17 Jul 2020 16:34

Tgt Ion: 75 Resp: 108954

Ion Ratio Lower Upper

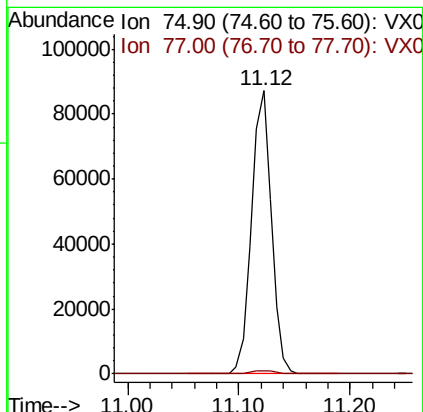
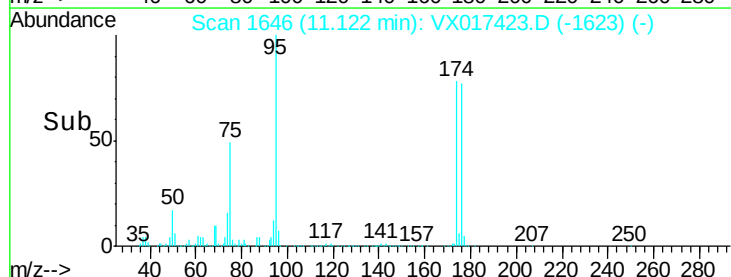
75 100

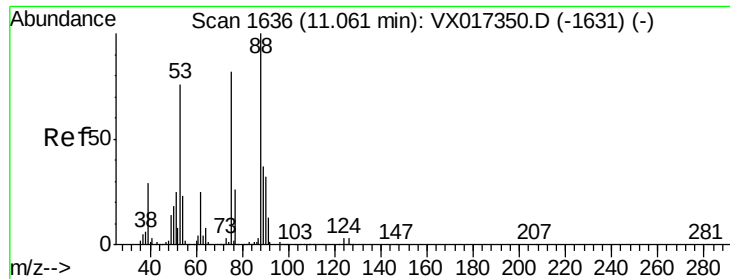
77 1.6 20.3 60.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 63.320 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX017423.D

Acq: 17 Jul 2020 16:34

Instrument :

MSVOA_X

ClientSampleId :

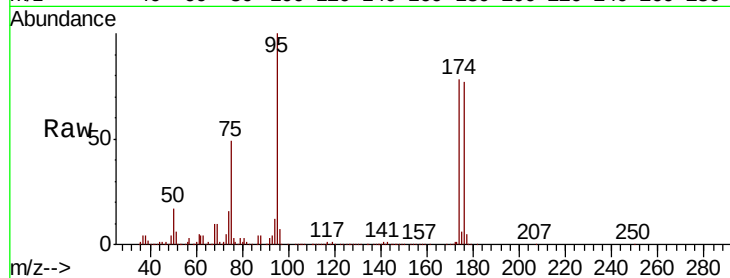
Tot Ion: 75 Resp: 108954

Ion Ratio Lower Upper

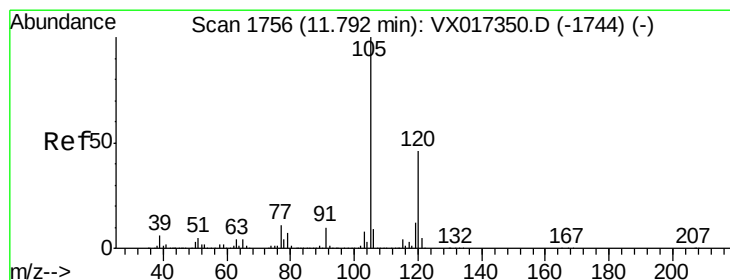
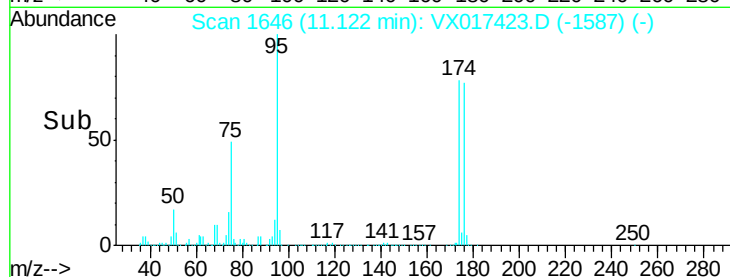
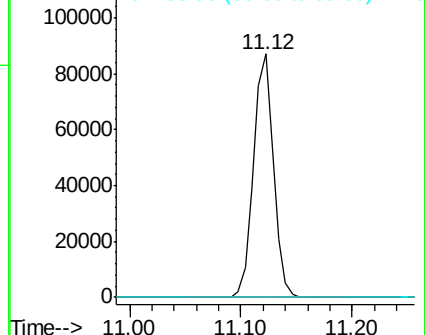
75 100

53 0.5 76.5 114.7#

89 0.0 38.1 57.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#84

1,2,4-Trimethylbenzene

Concen: 0.218 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX017423.D

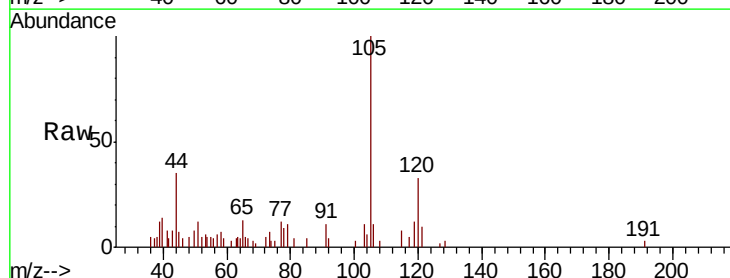
Acq: 17 Jul 2020 16:34

Tgt Ion: 105 Resp: 2769

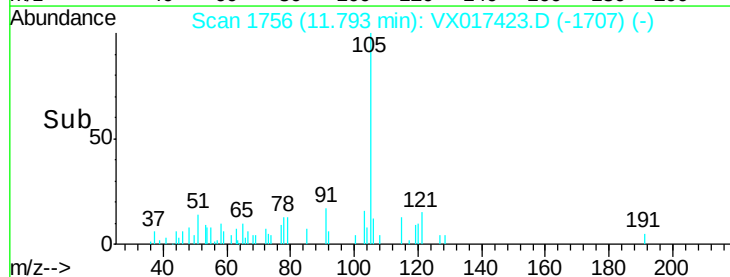
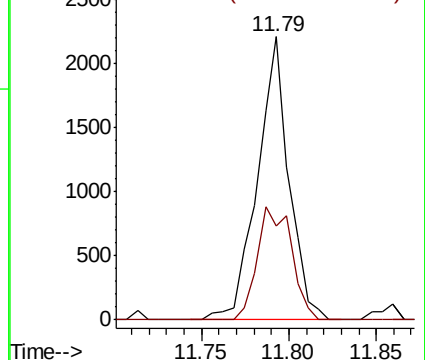
Ion Ratio Lower Upper

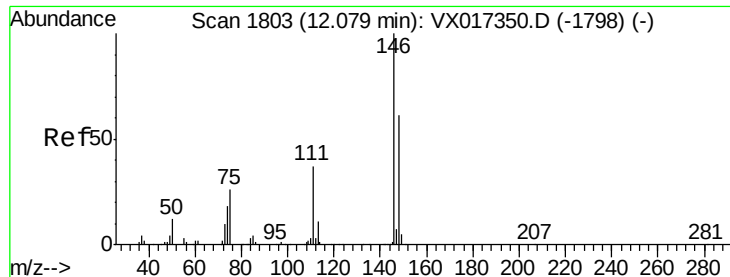
105 100

120 43.1 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

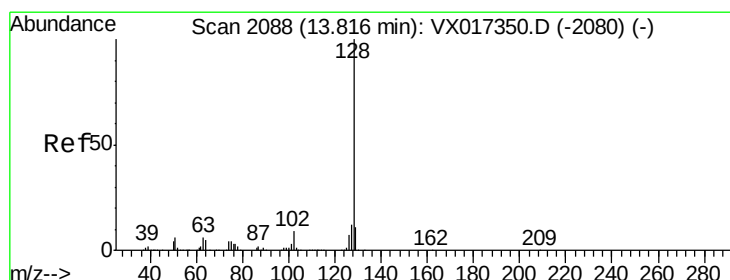
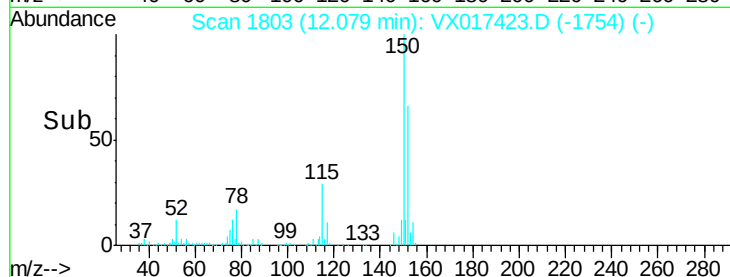
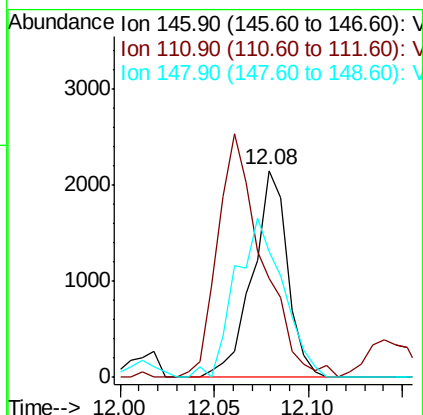
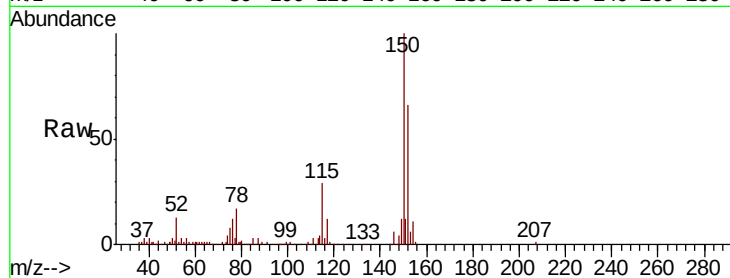




#88
 1,4-Dichlorobenzene
 Concen: 0.365 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017423.D
 Acq: 17 Jul 2020 16:34

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 2785
 Ion Ratio Lower Upper
 146 100
 111 149.5 18.9 56.9#
 148 103.5 31.9 95.9#



#95
 Naphthalene
 Concen: 1.444 ug/l
 RT: 13.82 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: VX017423.D
 Acq: 17 Jul 2020 16:34

Tgt Ion:128 Resp: 20902
 Ion Ratio Lower Upper
 128 100
 127 13.8 10.2 15.4
 129 11.0 8.9 13.3

