

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052620\
 Data File : VX016433.D
 Acq On : 26 May 2020 18:27
 Operator : JC/SP
 Sample : PB129074TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 27 05:23:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 26 16:32:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	109068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	196815	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	203545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	94833	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	75511	53.45	ug/l	0.00
Spiked Amount			Recovery	=	106.90%	
35) Dibromofluoromethane	5.47	113	58004	46.08	ug/l	0.00
Spiked Amount			Recovery	=	92.16%	
50) Toluene-d8	8.70	98	257902	55.62	ug/l	0.00
Spiked Amount			Recovery	=	111.24%	
62) 4-Bromofluorobenzene	11.12	95	98012	56.96	ug/l	0.00
Spiked Amount			Recovery	=	113.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	455	0.420	ug/l #	53
5) Bromomethane	1.65	94	619	3.237	ug/l #	66
6) Chloroethane	1.71	64	250	0.237	ug/l #	76
7) Trichlorofluoromethane	1.92	101	483	0.203	ug/l #	62
8) Diethyl Ether	2.17	74	343	0.354	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	310	0.300	ug/l #	74
10) Methyl Iodide	2.50	142	290	5.907	ug/l #	79
11) Tert butyl alcohol	3.01	59	115	0.352	ug/l #	72
12) 1,1-Dichloroethene	2.36	96	406	0.384	ug/l #	61
13) Acrolein	2.27	56	279	Below Cal	#	20
15) Acrylonitrile	3.12	53	848	1.304	ug/l #	74
16) Acetone	2.42	43	8974	15.948	ug/l	91
17) Carbon Disulfide	2.55	76	2153	0.688	ug/l	97
18) Methyl Acetate	2.75	43	1495	1.089	ug/l #	82
20) Methylene Chloride	2.84	84	2416	1.990	ug/l #	85
21) trans-1,2-Dichloroethene	3.14	96	546	0.455	ug/l #	50
23) Vinyl Acetate	3.79	43	731	0.235	ug/l #	69
25) 2-Butanone	4.65	43	2191	2.396	ug/l	94
27) cis-1,2-Dichloroethene	4.56	96	324	0.237	ug/l	17
29) Tetrahydrofuran	5.10	42	370	0.624	ug/l	90
38) Carbon Tetrachloride	5.64	117	11148	5.895	ug/l #	15
39) Methylcyclohexane	7.43	83	654	0.338	ug/l	93
43) Isopropyl Acetate	6.42	43	37152	12.011	ug/l	98
44) Trichloroethene	7.20	130	493	0.289	ug/l	53
46) Dibromomethane	7.63	93	259	0.273	ug/l #	31
48) Methyl methacrylate	7.65	41	1962	1.392	ug/l #	12
49) 1,4-Dioxane	7.73	88	50	1.379	ug/l #	1
51) 4-Methyl-2-Pentanone	8.59	43	34976	17.892	ug/l #	44
52) Toluene	8.77	92	744	0.223	ug/l	84
53) t-1,3-Dichloropropene	9.04	75	563	0.258	ug/l	91
54) cis-1,3-Dichloropropene	8.60	75	16311	7.283	ug/l #	60
58) 2-Chloroethyl Vinyl ether	8.29	63	402	0.368	ug/l #	73
59) 2-Hexanone	9.52	43	39186	26.033	ug/l #	47
65) Chlorobenzene	10.12	112	886	0.221	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052620\
 Data File : VX016433.D
 Acq On : 26 May 2020 18:27
 Operator : JC/SP
 Sample : PB129074TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 27 05:23:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 26 16:32:50 2020
 Response via : Initial Calibration

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

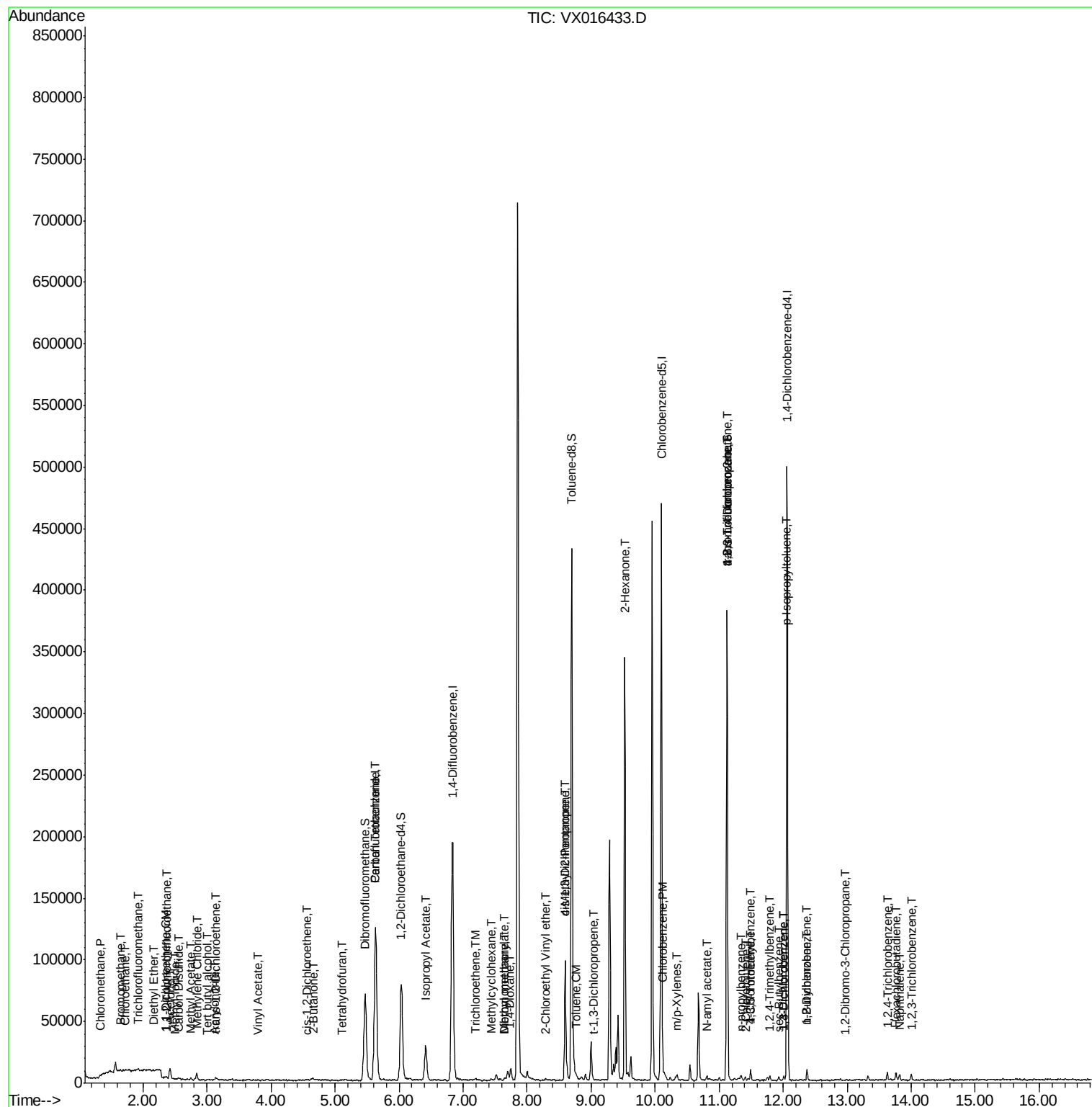
68) m/p-Xylenes	10.34	106	1056	0.386	ug/l	95
74) N-amyl acetate	10.81	43	1726	0.634	ug/l #	45
76) 1,2,3-Trichloropropane	11.12	75	50061	25.434	ug/l #	35
78) n-propylbenzene	11.35	91	1953	0.270	ug/l	96
79) 2-Chlorotoluene	11.40	91	1006	0.234	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	2235	0.418	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.12	75	50061	61.163	ug/l #	14
82) 4-Chlorotoluene	11.49	91	1608	0.310	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	1331	0.247	ug/l	98
85) sec-Butylbenzene	11.93	105	1581	0.273	ug/l	88
86) p-Isopropyltoluene	12.05	119	1732	0.320	ug/l #	74
87) 1,3-Dichlorobenzene	12.01	146	1049	0.356	ug/l	83
88) 1,4-Dichlorobenzene	12.01	146	1049	0.352	ug/l	85
89) n-Butylbenzene	12.37	91	2492	0.530	ug/l	95
91) 1,2-Dichlorobenzene	12.37	146	762	0.263	ug/l	89
92) 1,2-Dibromo-3-Chloropropan	12.97	75	190	0.380	ug/l #	14
93) 1,2,4-Trichlorobenzene	13.63	180	1245	0.690	ug/l	90
94) Hexachlorobutadiene	13.77	225	582	0.894	ug/l	89
95) Naphthalene	13.82	128	2534	0.392	ug/l	97
96) 1,2,3-Trichlorobenzene	14.01	180	970	0.556	ug/l	95

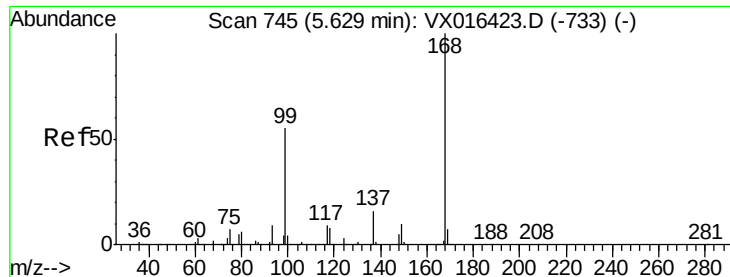
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052620\
Data File : VX016433.D
Acq On : 26 May 2020 18:27
Operator : JC/SP
Sample : PB129074TB
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 27 05:23:37 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
Quant Title : SW846 8260
QLast Update : Tue May 26 16:32:50 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016433.D

Acq: 26 May 2020 18:27

Instrument :

MSVOA_X

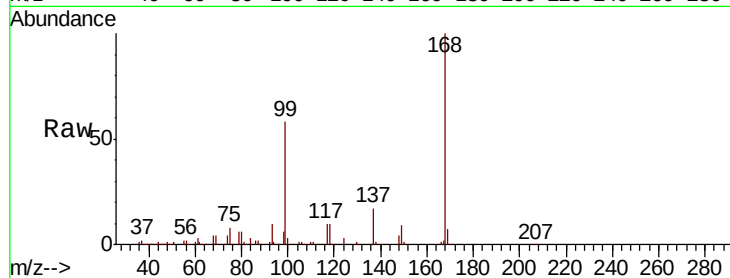
ClientSampleId :

Tot Ion:168 Resp: 109068

Ion Ratio Lower Upper

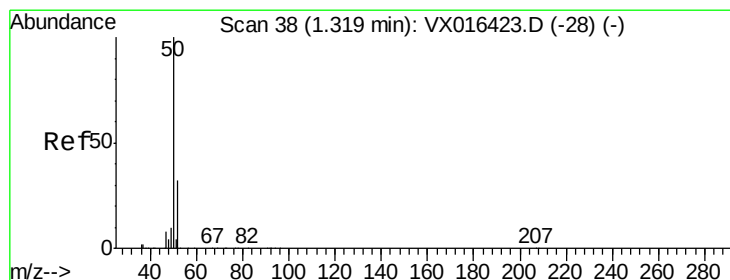
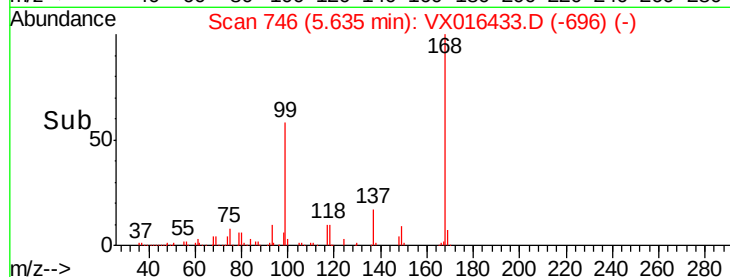
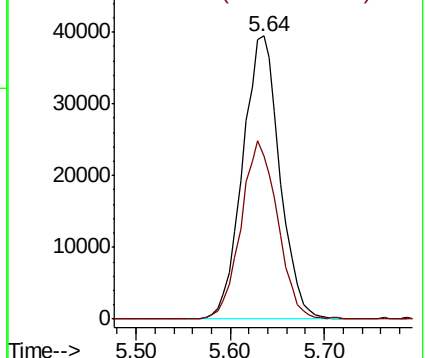
168 100

99 57.7 44.4 66.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.420 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.00 min

Lab File: VX016433.D

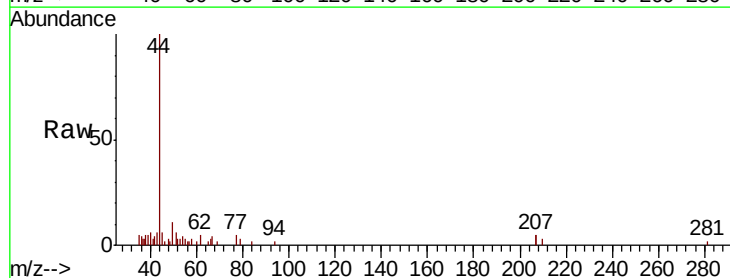
Acq: 26 May 2020 18:27

Tgt Ion: 50 Resp: 455

Ion Ratio Lower Upper

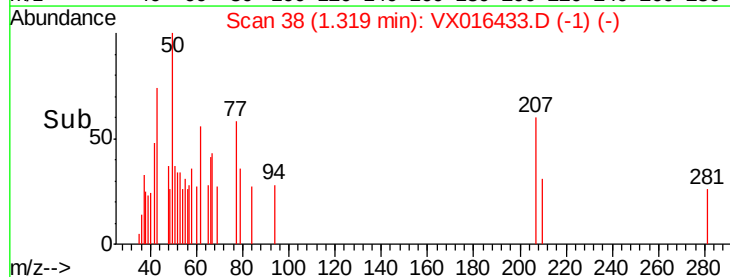
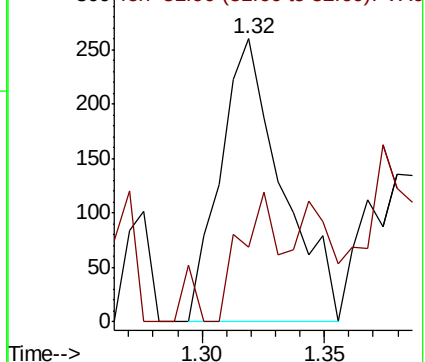
50 100

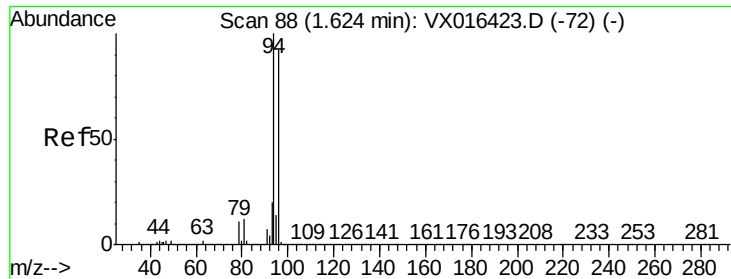
52 6.2 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 3.237 ug/l

RT: 1.65 min Scan# 92

Delta R.T. 0.03 min

Lab File: VX016433.D

Acq: 26 May 2020 18:27

Instrument :

MSVOA_X

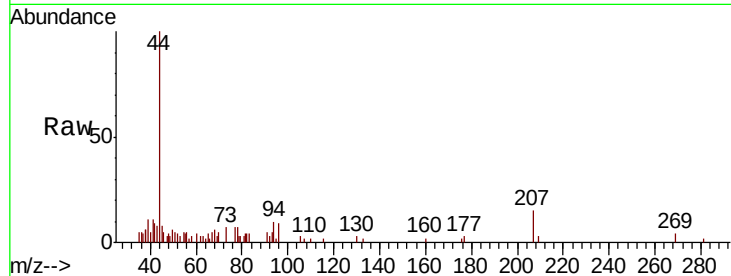
ClientSampled :

Tot Ion: 94 Resp: 619

Ion Ratio Lower Upper

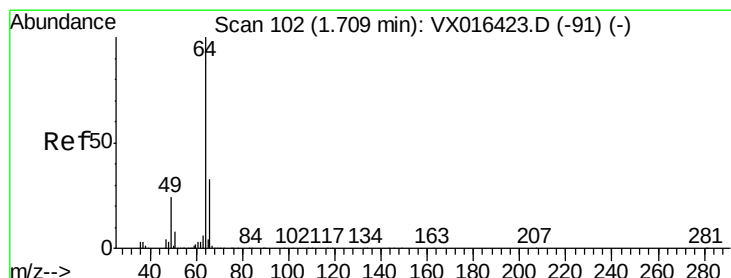
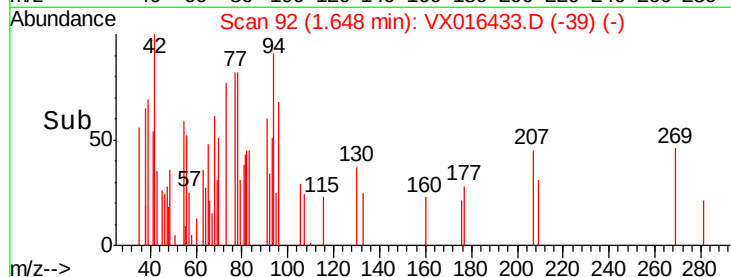
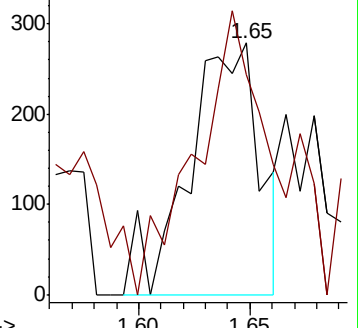
94 100

96 59.9 73.7 110.5#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.237 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX016433.D

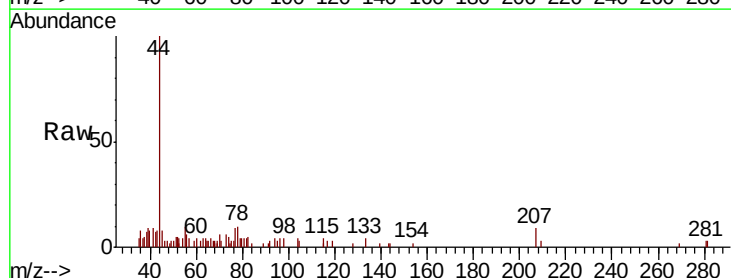
Acq: 26 May 2020 18:27

Tgt Ion: 64 Resp: 250

Ion Ratio Lower Upper

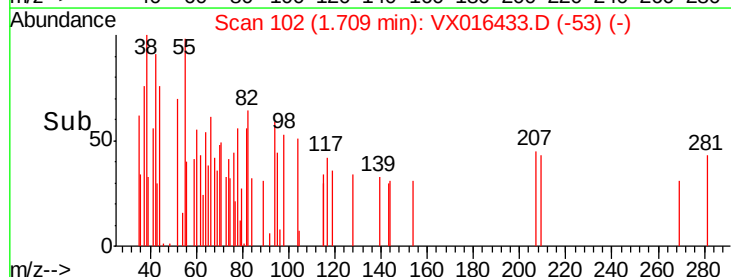
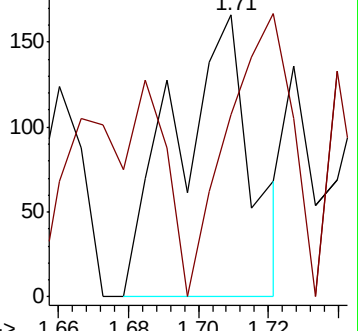
64 100

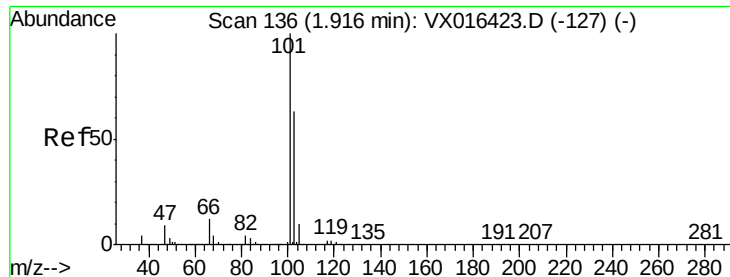
66 19.3 26.0 39.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



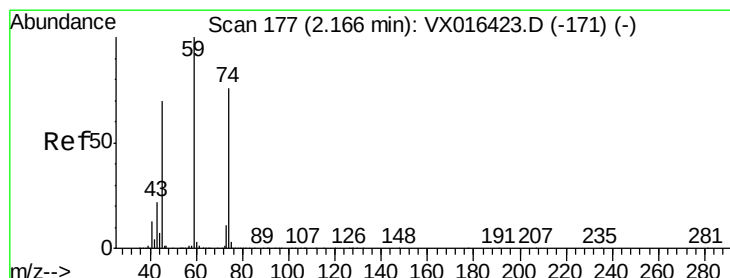
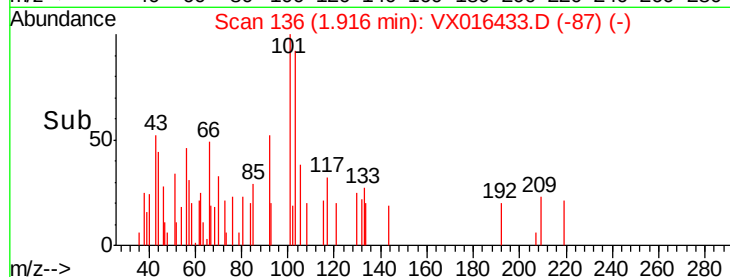
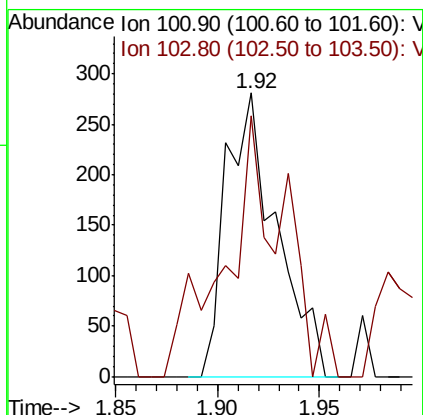
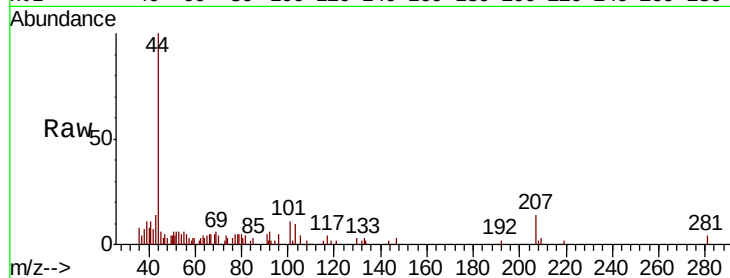


#7

Trichlorofluoromethane
Concen: 0.203 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX016433.D
Acq: 26 May 2020 18:27

Instrument :
MSVOA_X
ClientSampled :

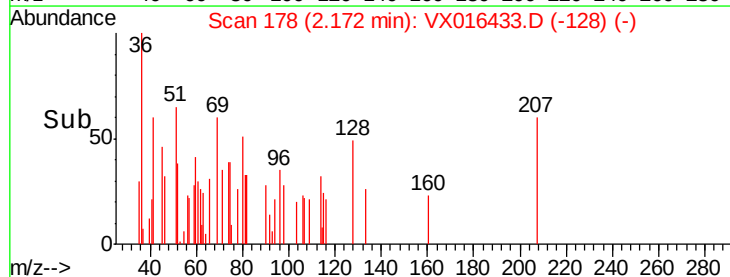
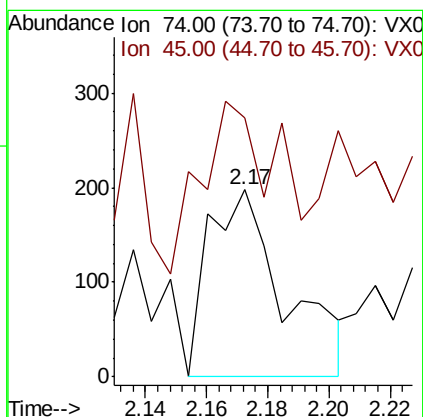
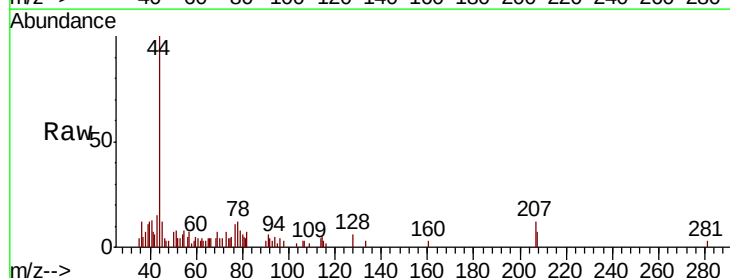
Tot Ion:101 Resp: 483
Ion Ratio Lower Upper
101 100
103 92.2 50.1 75.1#

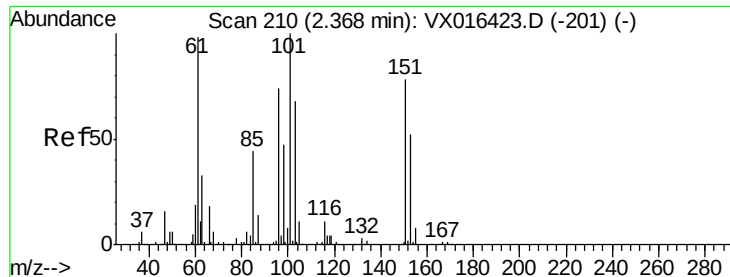


#8

Diethyl Ether
Concen: 0.354 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX016433.D
Acq: 26 May 2020 18:27

Tgt Ion: 74 Resp: 343
Ion Ratio Lower Upper
74 100
45 89.8 44.4 133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.300 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016433.D

Acq: 26 May 2020 18:27

Instrument :

MSVOA_X

ClientSampled :

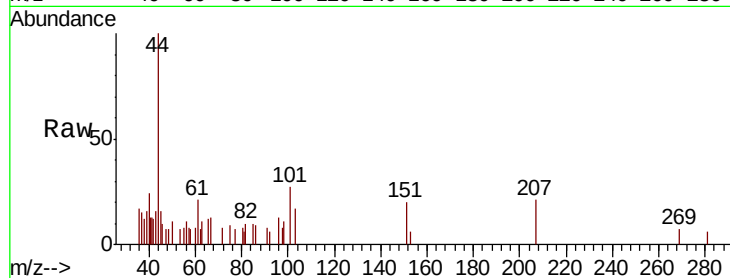
Tot Ion:101 Resp: 310

Ion Ratio Lower Upper

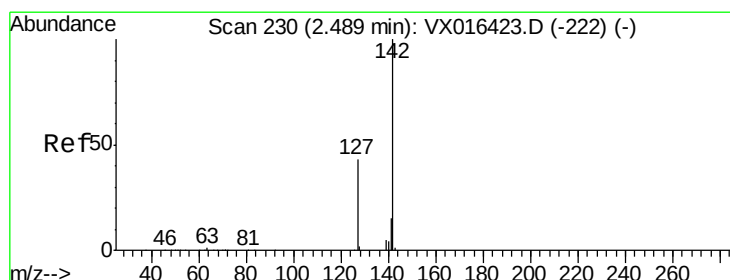
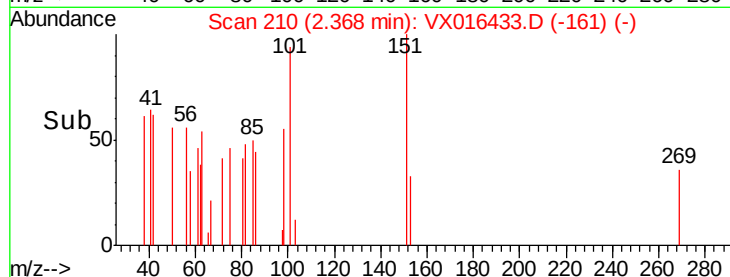
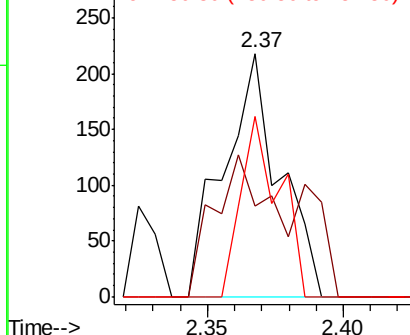
101 100

85 60.0 36.2 54.4#

151 51.6 60.4 90.6#



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 5.907 ug/l

RT: 2.50 min Scan# 232

Delta R.T. 0.01 min

Lab File: VX016433.D

Acq: 26 May 2020 18:27

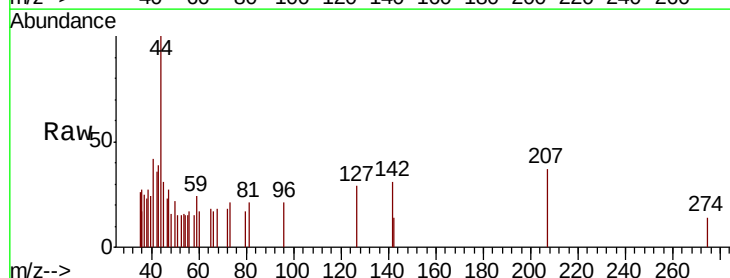
Tgt Ion:142 Resp: 290

Ion Ratio Lower Upper

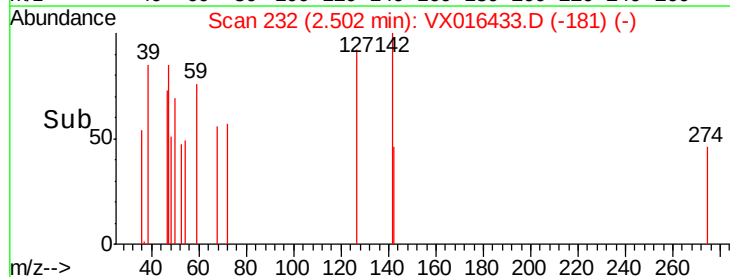
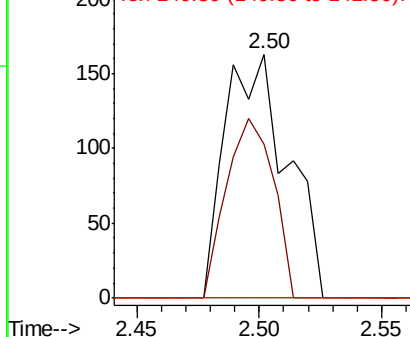
142 100

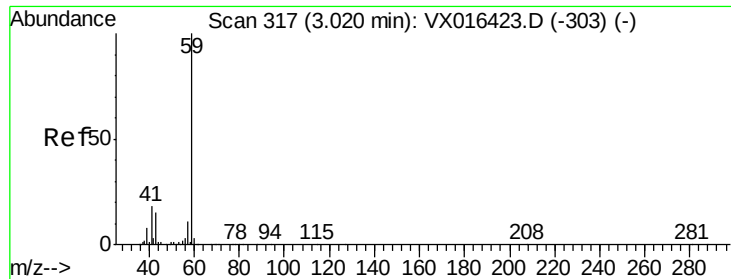
127 55.5 36.2 54.4#

141 0.0 12.2 18.2#



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



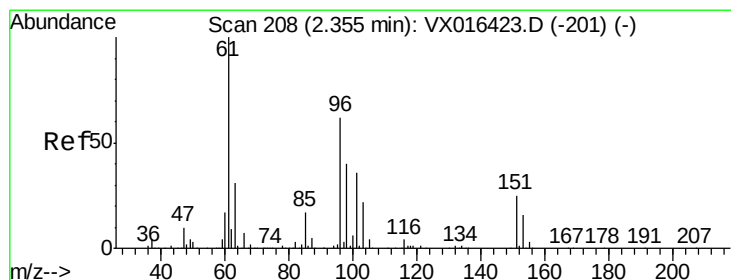
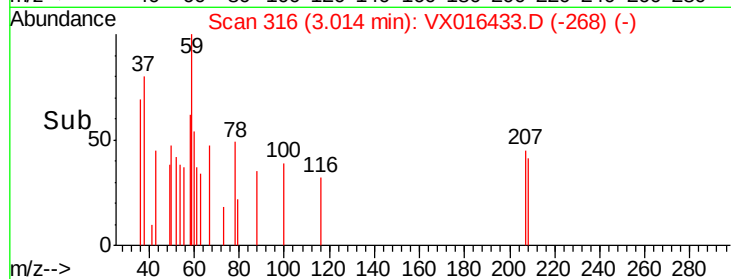
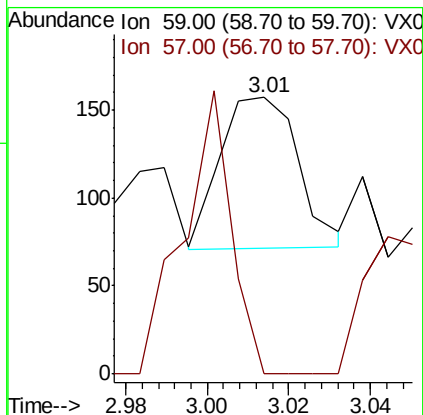
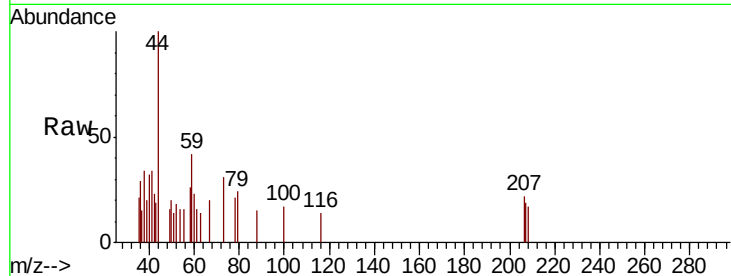


#11

Tert butyl alcohol
Concen: 0.352 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016433.D
Acq: 26 May 2020 18:27

Instrument :
MSVOA_X
ClientSampled :

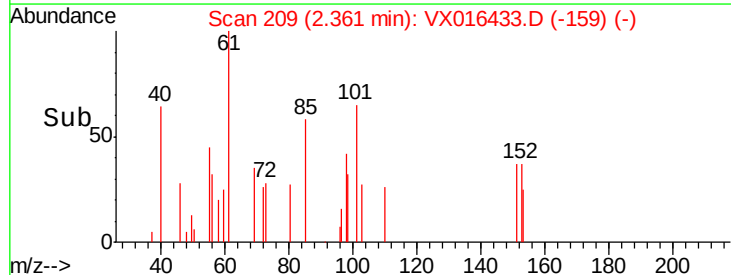
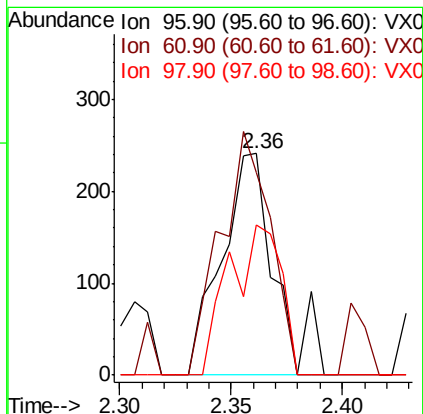
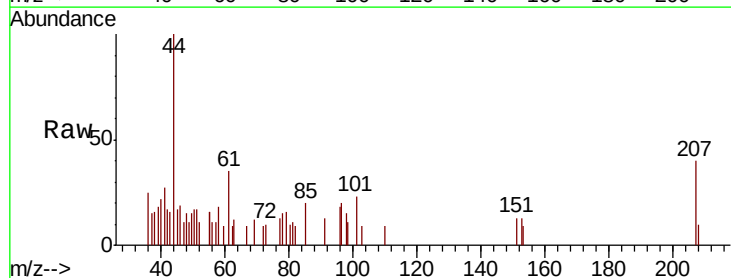
Tot Ion: 59 Resp: 115
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

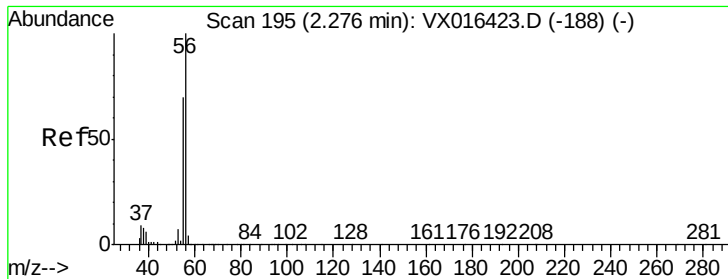


#12

1,1-Dichloroethene
Concen: 0.384 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX016433.D
Acq: 26 May 2020 18:27

Tgt Ion: 96 Resp: 406
Ion Ratio Lower Upper
96 100
61 91.3 128.2 192.4#
98 67.6 50.8 76.2

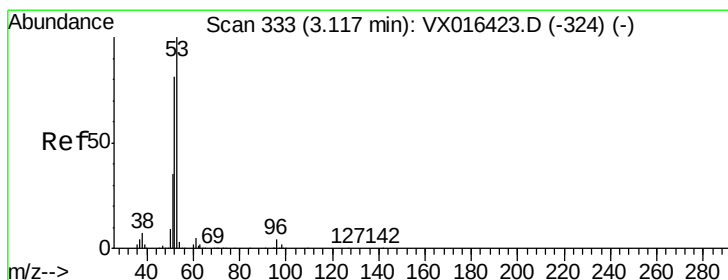
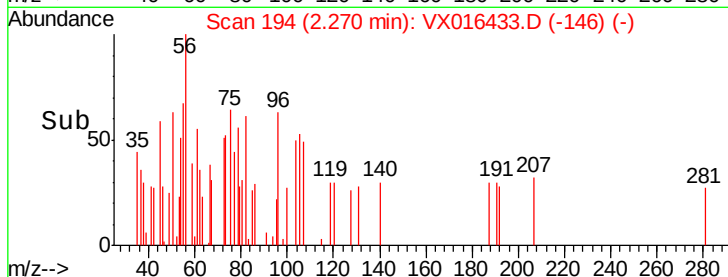
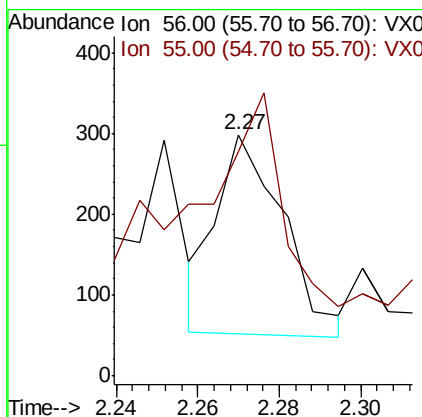
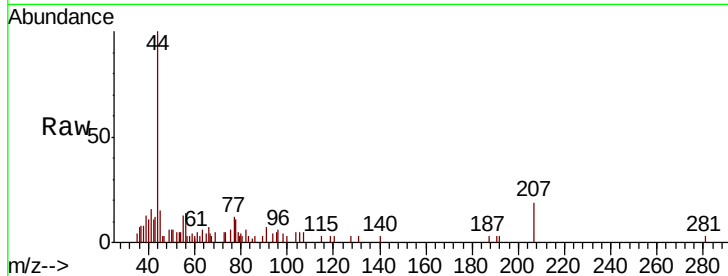




#13
Acrolein
Concen: Below Cal
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX016433.D
Acq: 26 May 2020 18:27

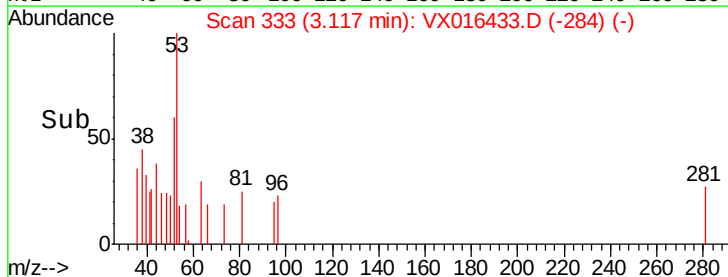
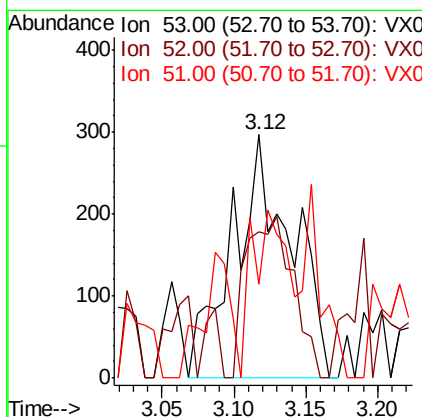
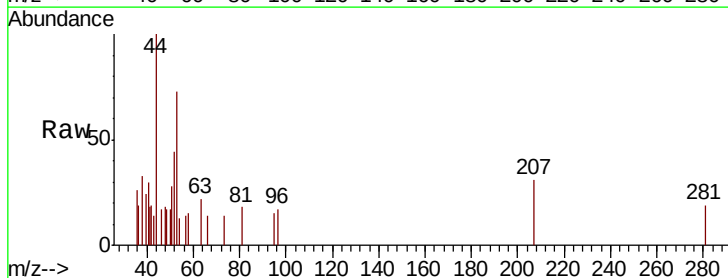
Instrument :
MSVOA_X
ClientSampleId :

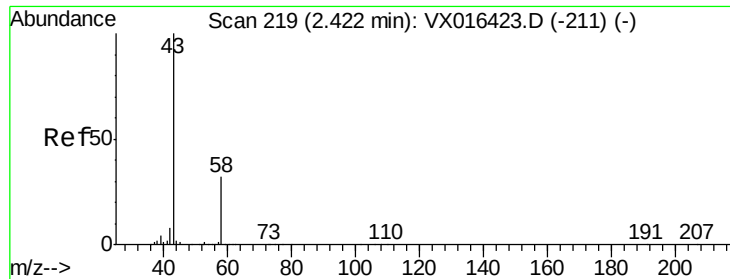
Tot Ion: 56 Resp: 279
Ion Ratio Lower Upper
56 100
55 136.2 56.5 84.7#



#15
Acrylonitrile
Concen: 1.304 ug/l
RT: 3.12 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX016433.D
Acq: 26 May 2020 18:27

Tgt Ion: 53 Resp: 848
Ion Ratio Lower Upper
53 100
52 52.7 65.4 98.2#
51 41.0 28.4 42.6





#16

Acetone

Concen: 15.948 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016433.D

Acq: 26 May 2020 18:27

Instrument :

MSVOA_X

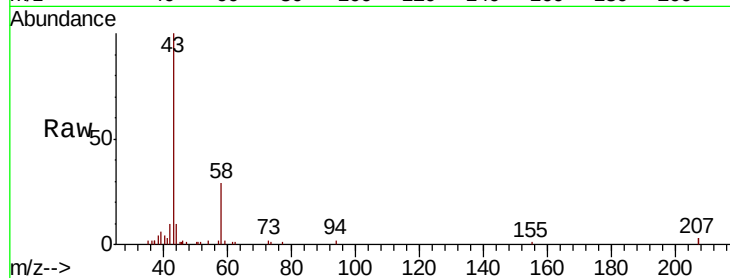
ClientSampleId :

Tot Ion: 43 Resp: 8974

Ion Ratio Lower Upper

43 100

58 27.4 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

6000

5000

4000

3000

2000

1000

0

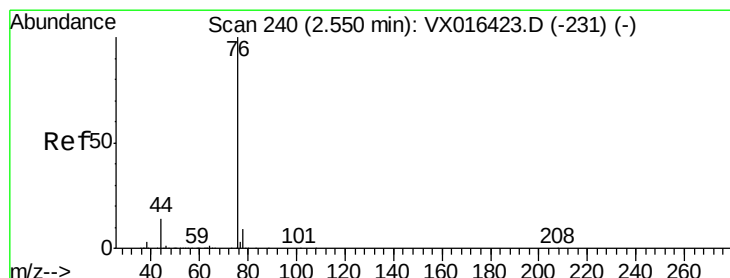
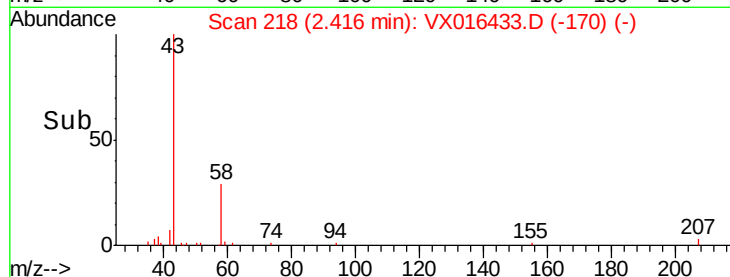
2.35

2.40

2.45

2.50

Time-->



#17

Carbon Disulfide

Concen: 0.688 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016433.D

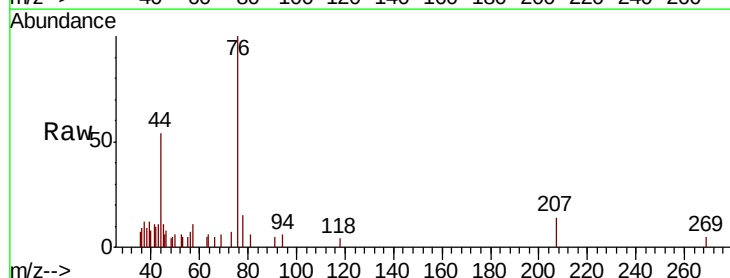
Acq: 26 May 2020 18:27

Tgt Ion: 76 Resp: 2153

Ion Ratio Lower Upper

76 100

78 10.3 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

1000

500

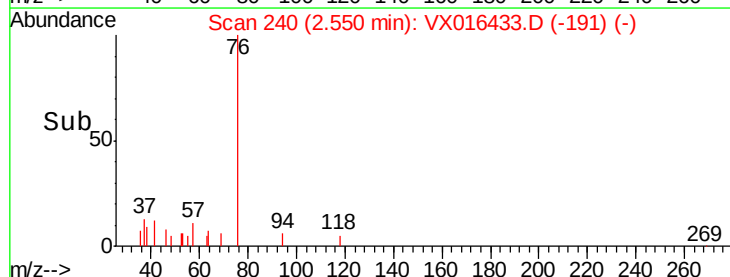
0

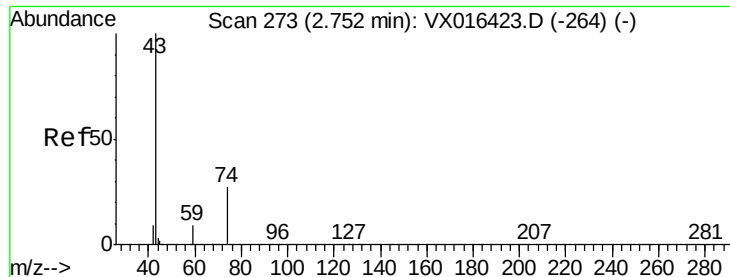
2.50

2.55

2.60

Time-->

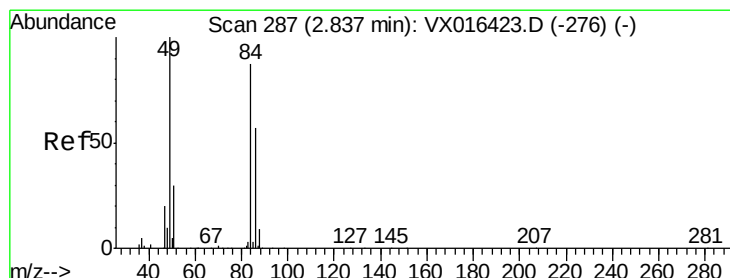
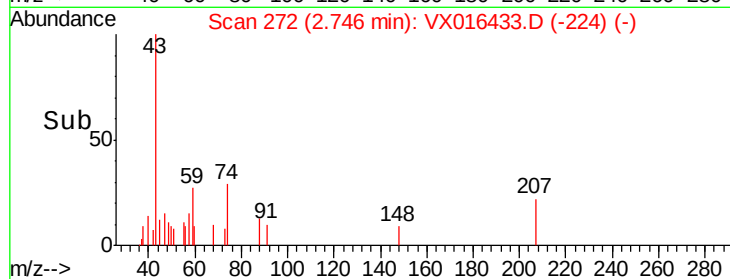
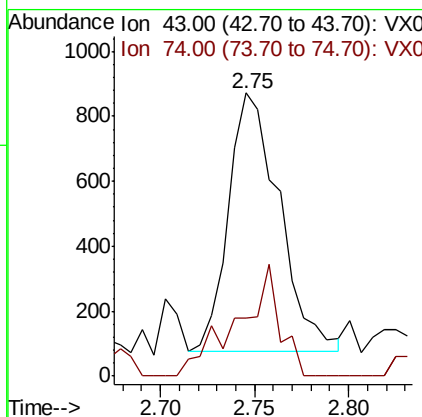
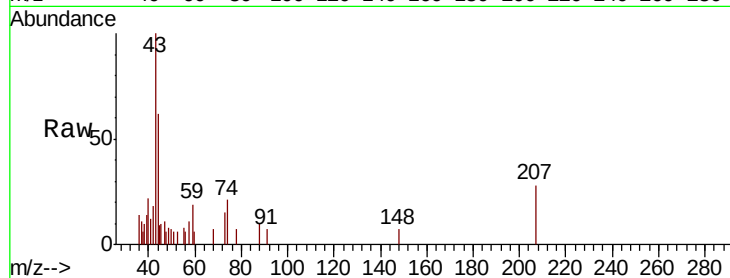




#18
Methvl Acetate
Concen: 1.089 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016433.D
Acq: 26 May 2020 18:27

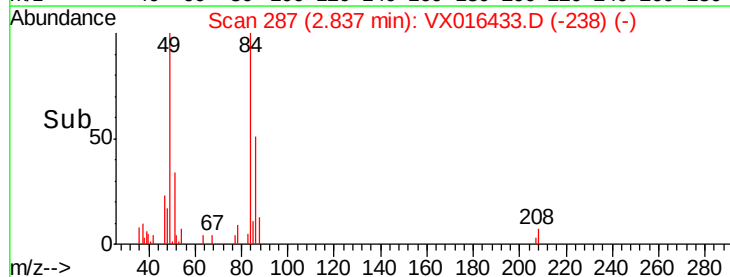
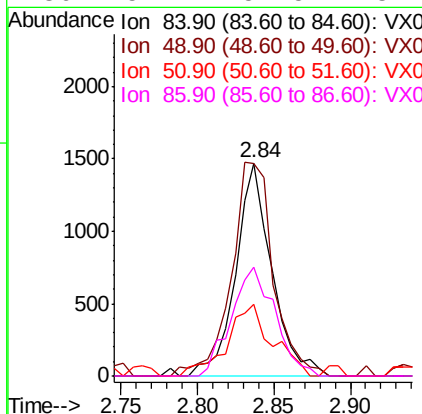
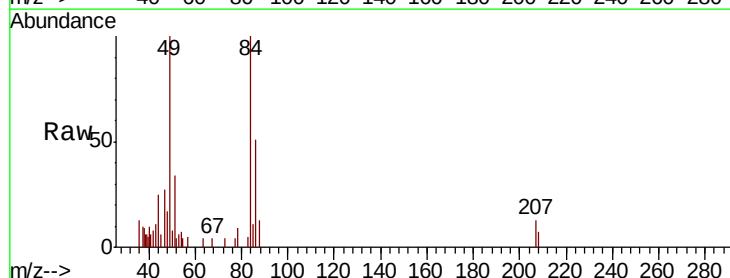
Instrument :
MSVOA_X
ClientSampleId :

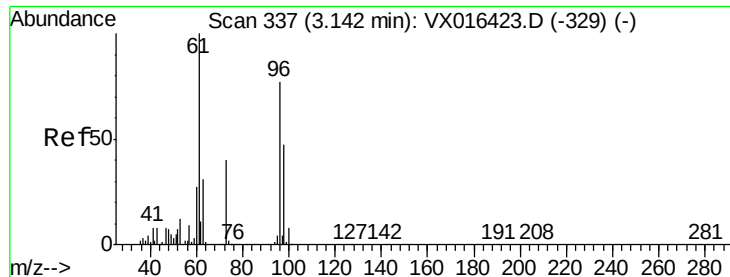
Tot Ion: 43 Resp: 1495
Ion Ratio Lower Upper
43 100
74 35.9 21.3 31.9#



#20
Methylene Chloride
Concen: 1.990 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX016433.D
Acq: 26 May 2020 18:27

Tgt Ion: 84 Resp: 2416
Ion Ratio Lower Upper
84 100
49 99.7 92.2 138.4
51 29.3 27.8 41.8
86 51.4 52.5 78.7#





#21

trans-1,2-Dichloroethene

Concen: 0.455 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX016433.D

Acq: 26 May 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

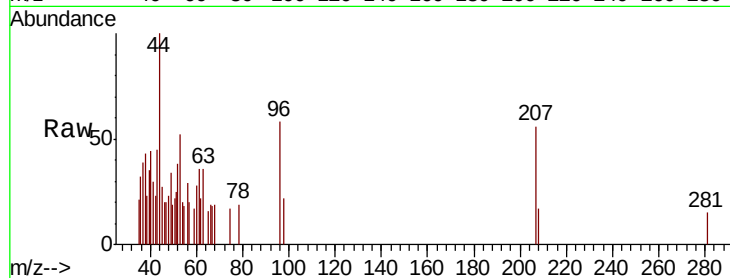
Tot Ion: 96 Resp: 546

Ion Ratio Lower Upper

96 100

61 62.6 104.3 156.5#

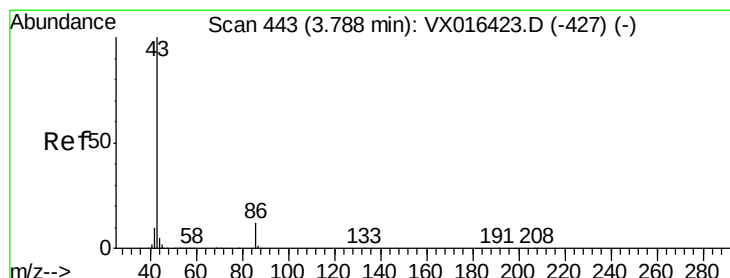
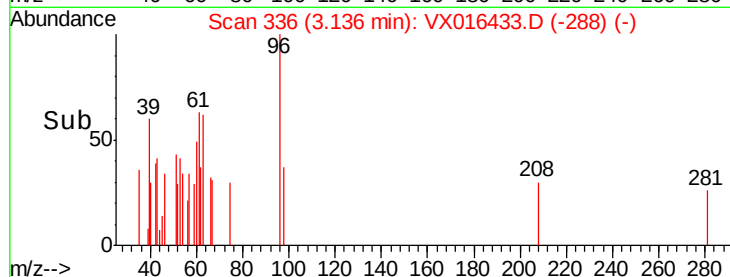
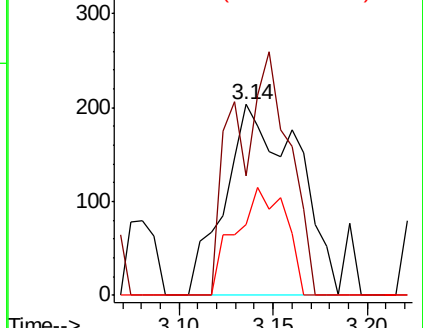
98 36.9 49.4 74.0#



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#23

Vinyl Acetate

Concen: 0.235 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX016433.D

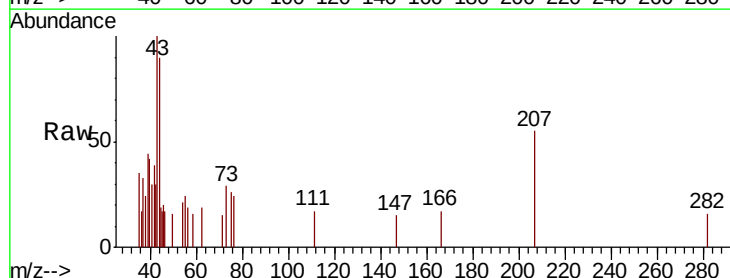
Acq: 26 May 2020 18:27

Tgt Ion: 43 Resp: 731

Ion Ratio Lower Upper

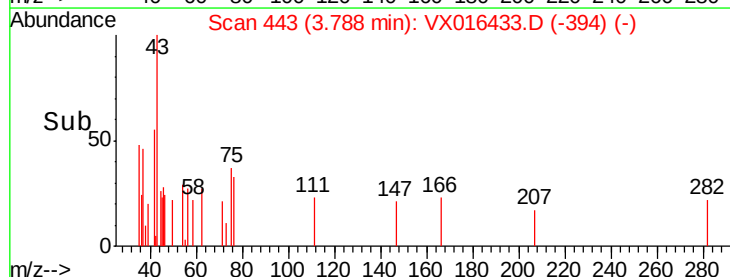
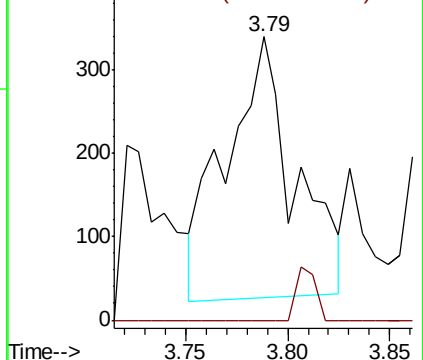
43 100

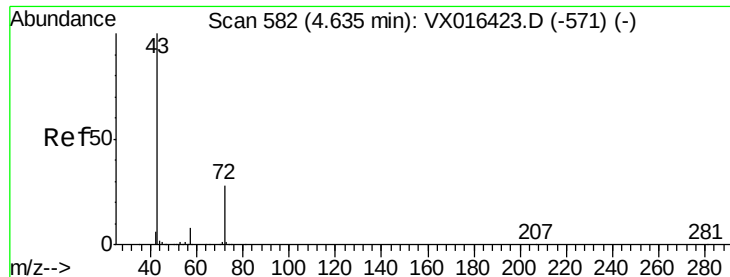
86 0.0 9.8 14.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#25

2-Butanone

Concen: 2.396 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX016433.D

Acq: 26 May 2020 18:27

Instrument :

MSVOA_X

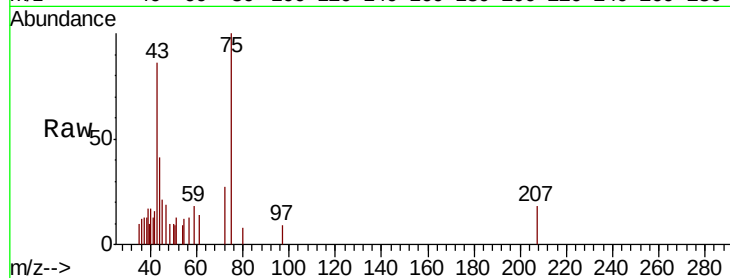
ClientSampleId :

Tot Ion: 43 Resp: 2191

Ion Ratio Lower Upper

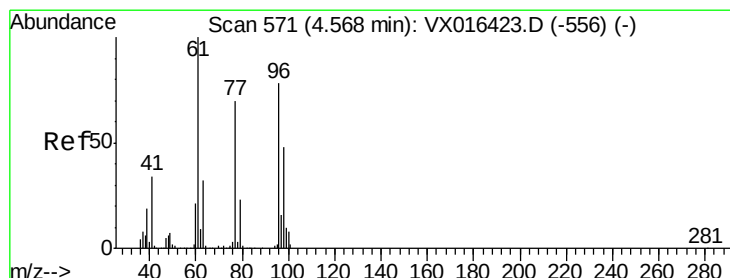
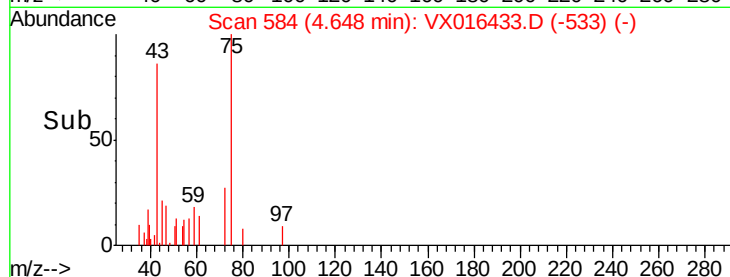
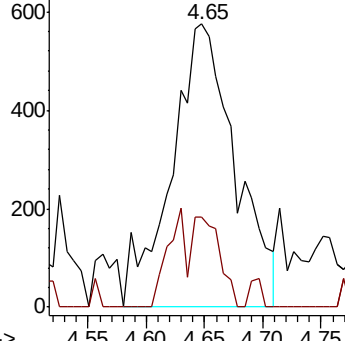
43 100

72 31.7 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 0.237 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX016433.D

Acq: 26 May 2020 18:27

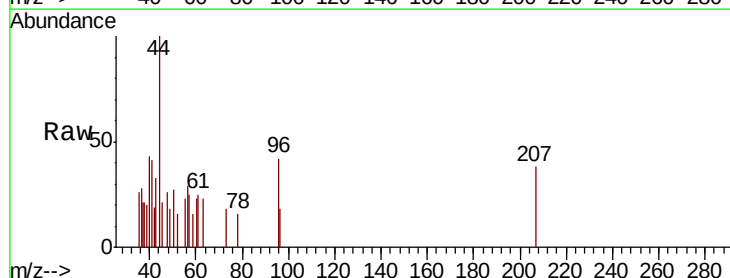
Tgt Ion: 96 Resp: 324

Ion Ratio Lower Upper

96 100

61 20.4 0.0 271.0

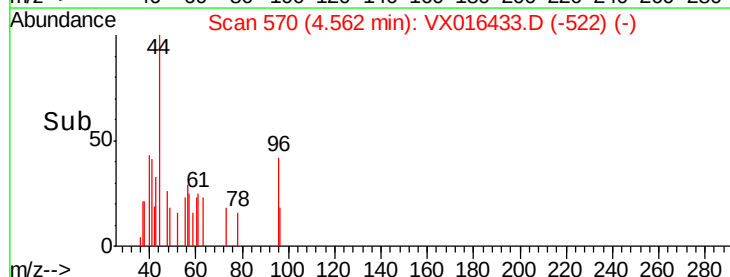
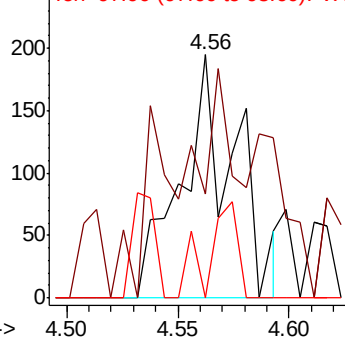
98 21.9 0.0 127.6

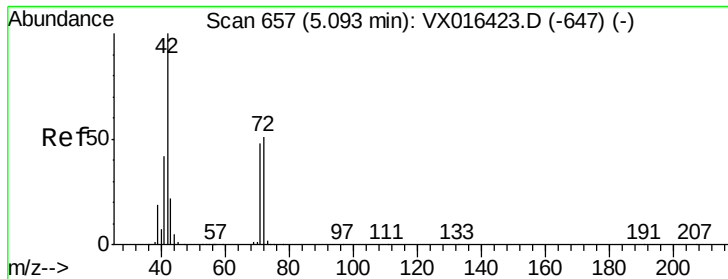


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

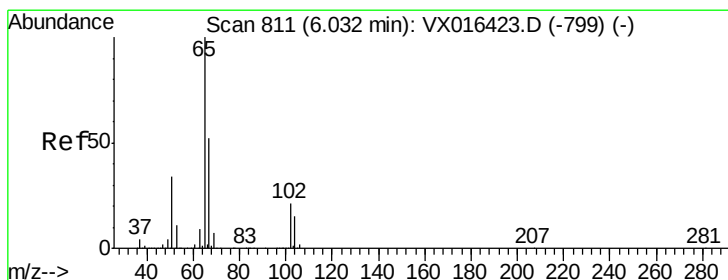
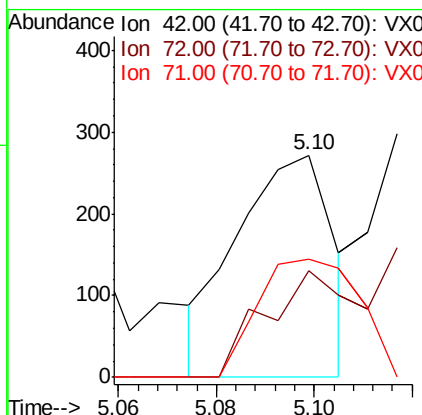
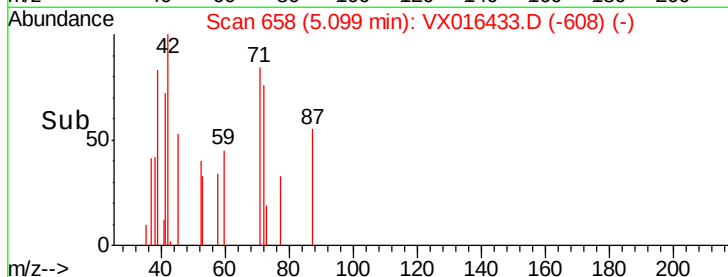
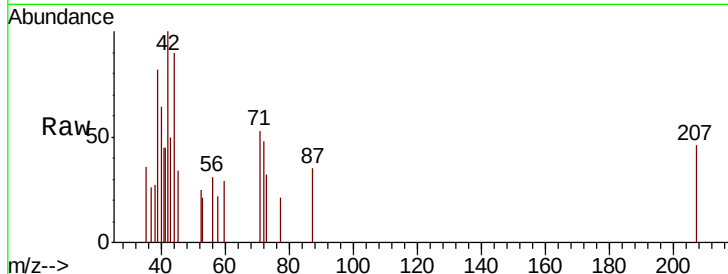




#29
Tetrahydrofuran
Concen: 0.624 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX016433.D
Acq: 26 May 2020 18:27

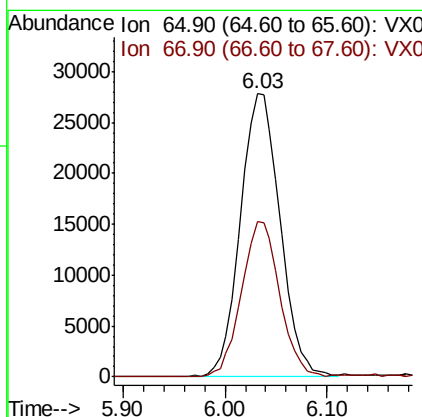
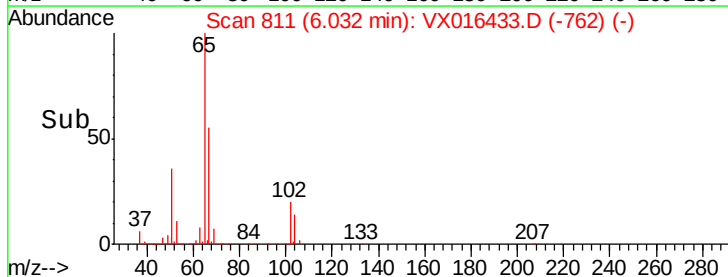
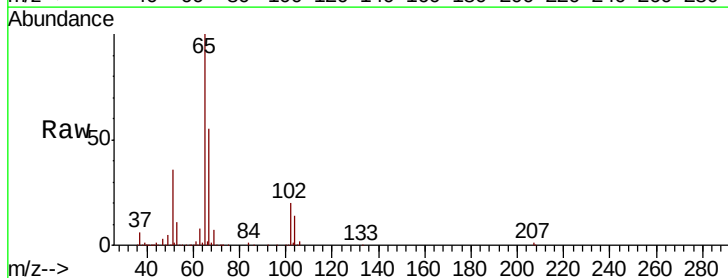
Instrument :
MSVOA_X
ClientSampled :

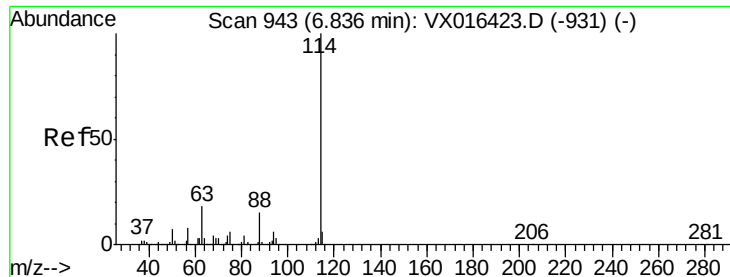
Tot Ion: 42 Resp: 370
Ion Ratio Lower Upper
42 100
72 45.9 40.2 60.4
71 56.5 37.7 56.5



#33
1,2-Dichloroethane-d4
Concen: 53.449 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX016433.D
Acq: 26 May 2020 18:27

Tgt Ion: 65 Resp: 75511
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.00 min

Lab File: VX016433.D

Acq: 26 May 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

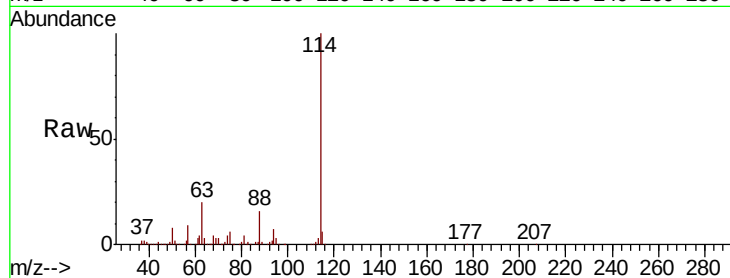
Tot Ion:114 Resp: 196815

Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.4

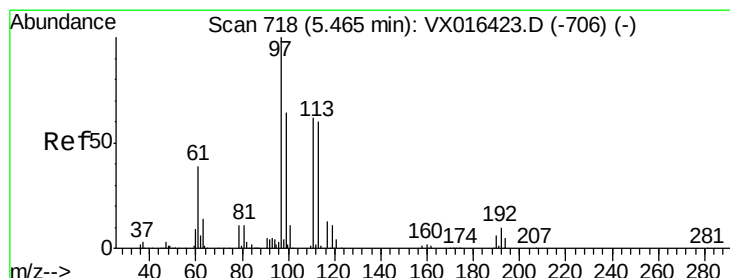
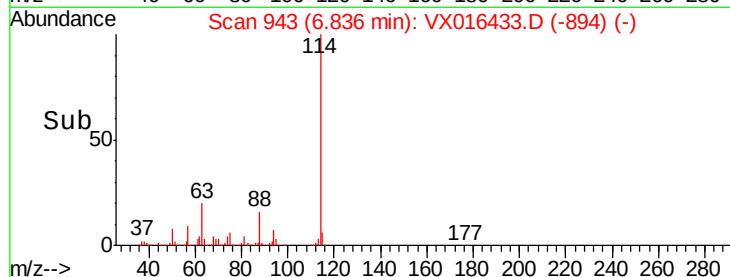
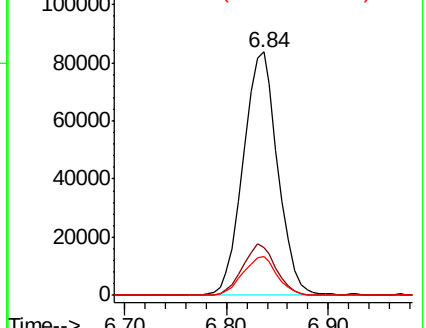
88 16.0 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 46.077 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016433.D

Acq: 26 May 2020 18:27

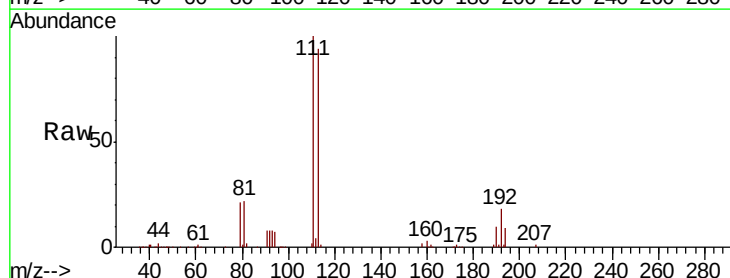
Tgt Ion:113 Resp: 58004

Ion Ratio Lower Upper

113 100

111 106.9 82.5 123.7

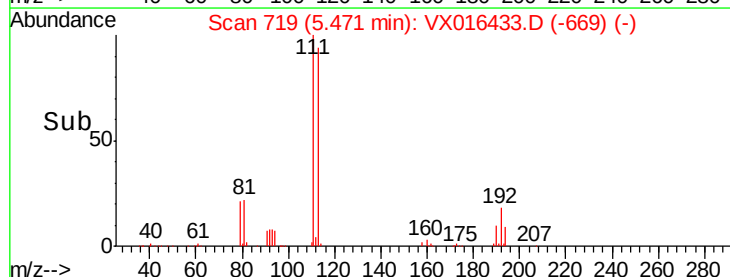
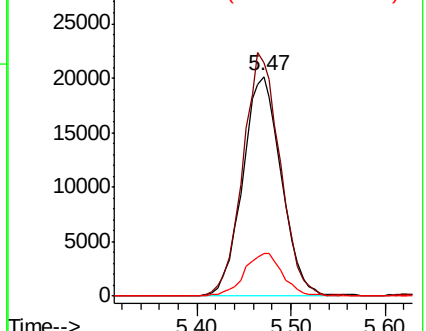
192 19.3 16.5 24.7

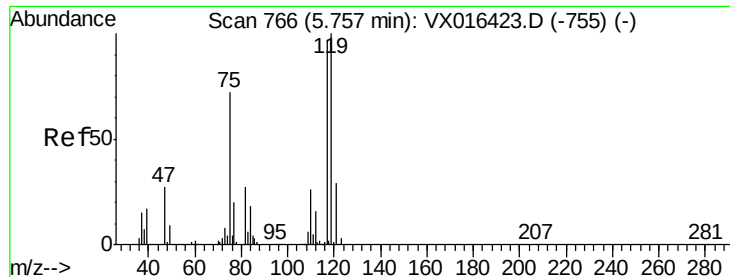


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

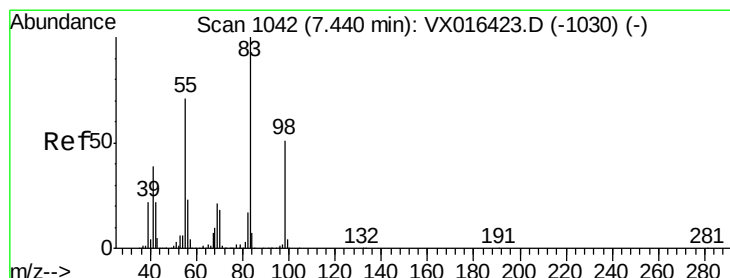
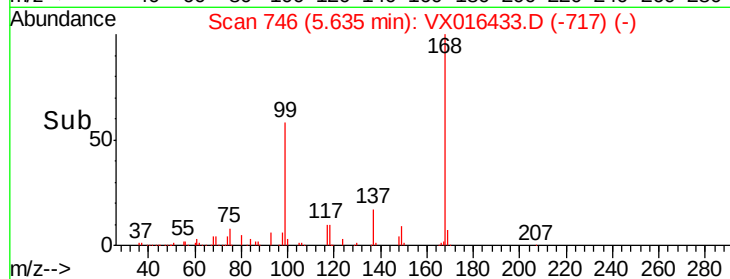
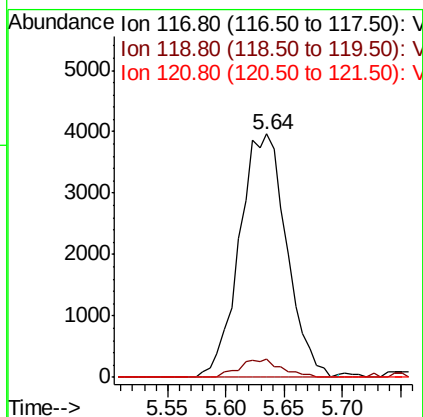
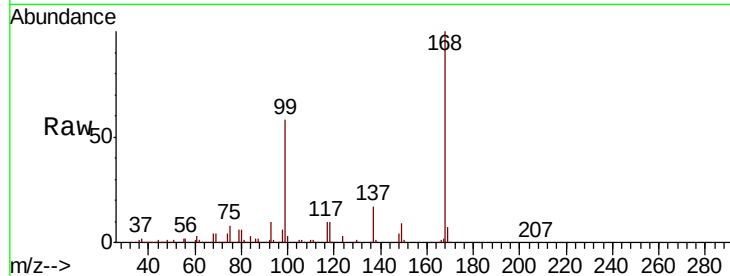




#38
Carbon Tetrachloride
Concen: 5.895 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX016433.D
Acq: 26 May 2020 18:27

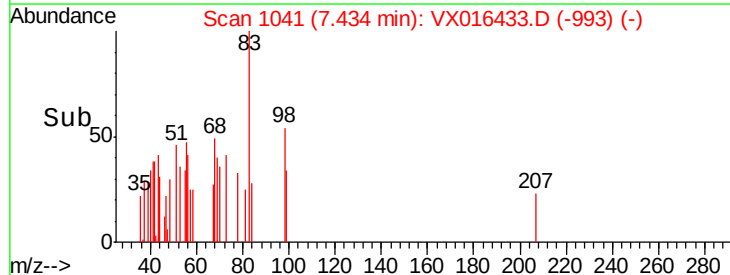
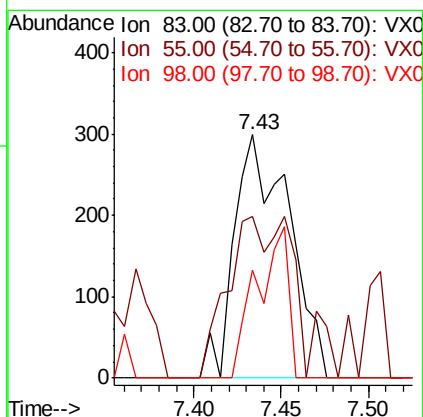
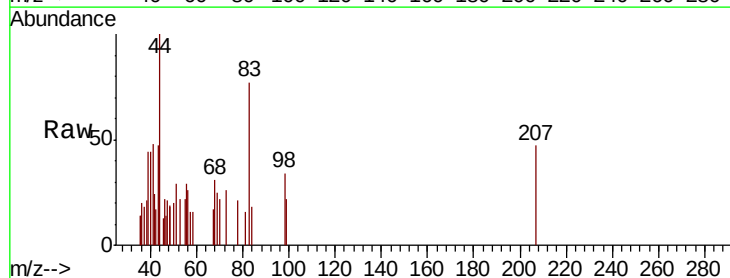
Instrument :
MSVOA_X
ClientSampled :

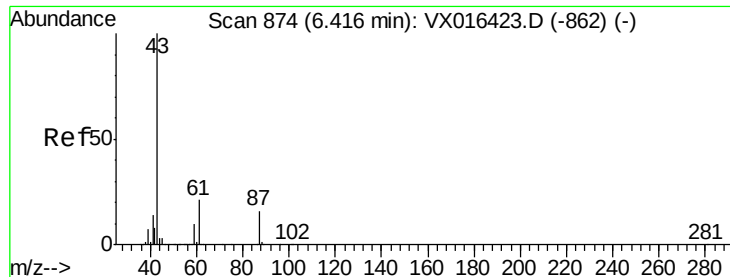
Tot Ion:117 Resp: 11148
Ion Ratio Lower Upper
117 100
119 7.5 82.2 123.4#
121 0.0 24.1 36.1#



#39
Methylcyclohexane
Concen: 0.338 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX016433.D
Acq: 26 May 2020 18:27

Tgt Ion: 83 Resp: 654
Ion Ratio Lower Upper
83 100
55 66.6 56.8 85.2
98 44.1 40.6 61.0





#43

Isopropyl Acetate

Concen: 12.011 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX016433.D

Acq: 26 May 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

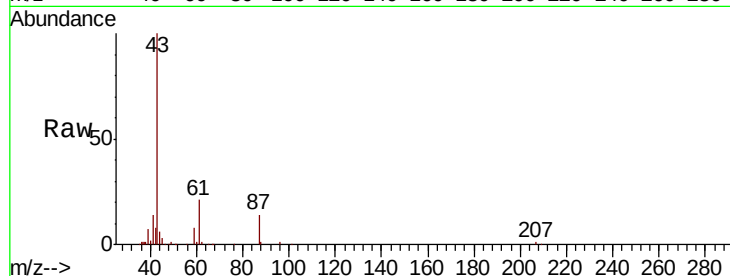
Tot Ion: 43 Resp: 37152

Ion Ratio Lower Upper

43 100

61 22.5 17.2 25.8

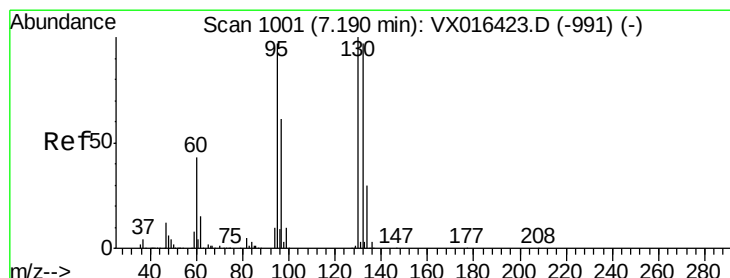
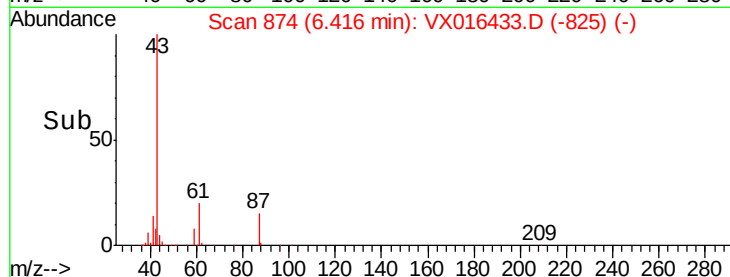
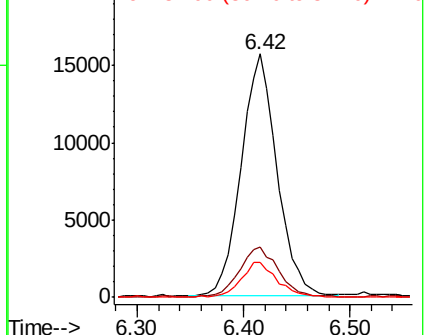
87 14.5 12.3 18.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 0.289 ug/l

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX016433.D

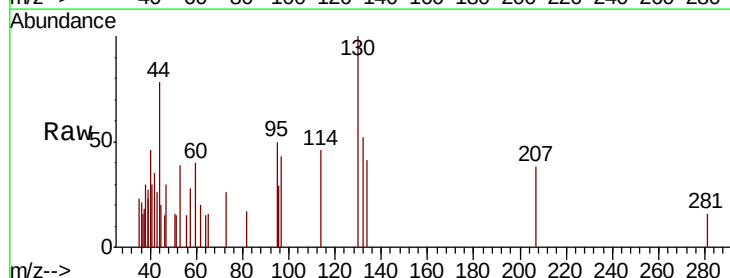
Acq: 26 May 2020 18:27

Tgt Ion: 130 Resp: 493

Ion Ratio Lower Upper

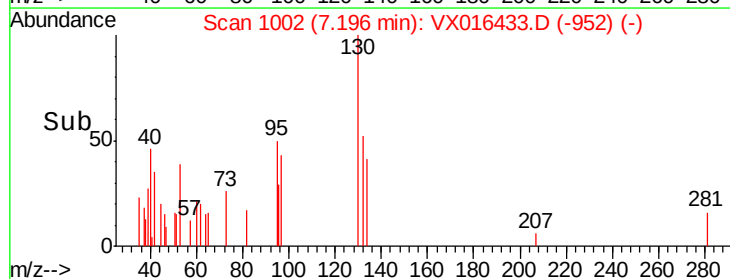
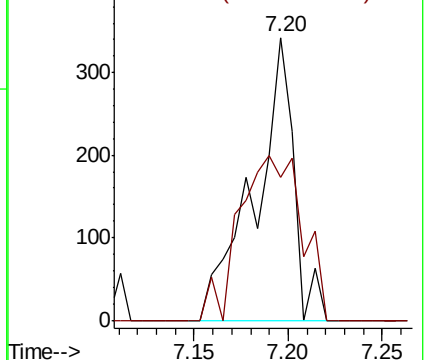
130 100

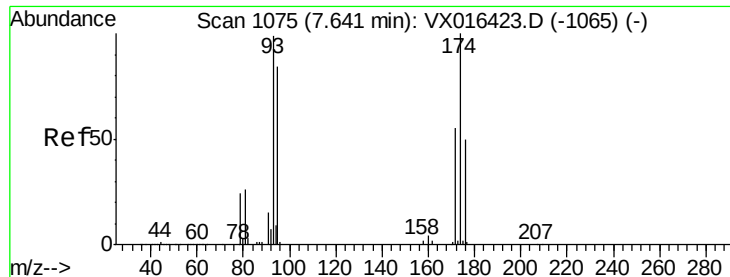
95 50.4 0.0 194.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#46

Dibromomethane

Concen: 0.273 ug/l

RT: 7.63 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VX016433.D

Acq: 26 May 2020 18:27

Instrument :

MSVOA_X

ClientSampled :

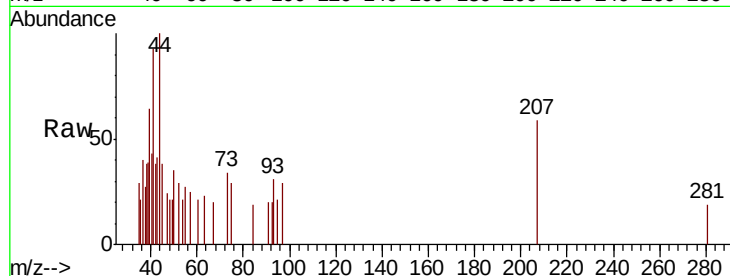
Tot Ion: 93 Resp: 259

Ion Ratio Lower Upper

93 100

95 54.4 65.0 97.4#

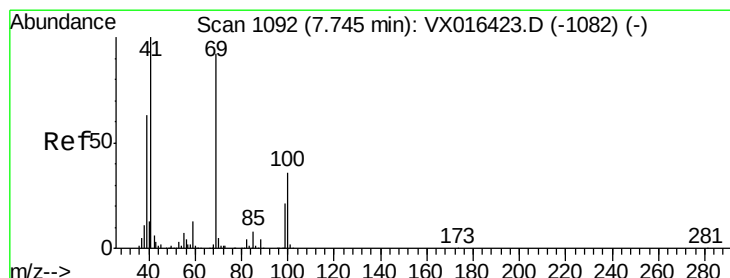
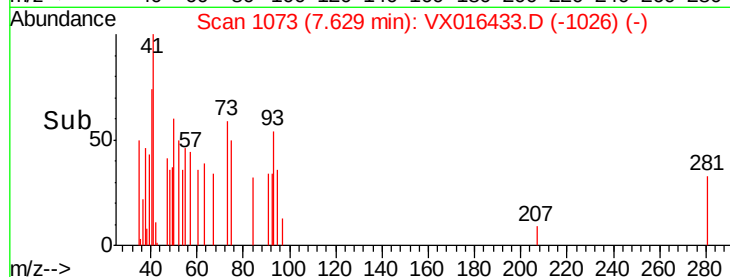
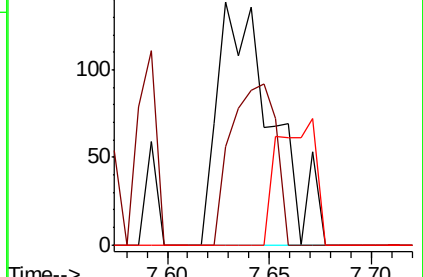
174 0.0 81.4 122.0#



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V



#48

Methyl methacrylate

Concen: 1.392 ug/l

RT: 7.65 min Scan# 1076

Delta R.T. -0.10 min

Lab File: VX016433.D

Acq: 26 May 2020 18:27

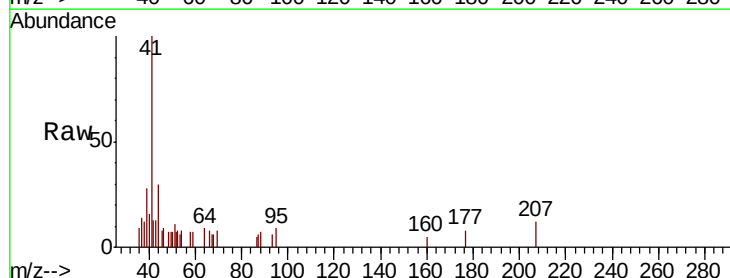
Tgt Ion: 41 Resp: 1962

Ion Ratio Lower Upper

41 100

69 2.4 71.8 107.8#

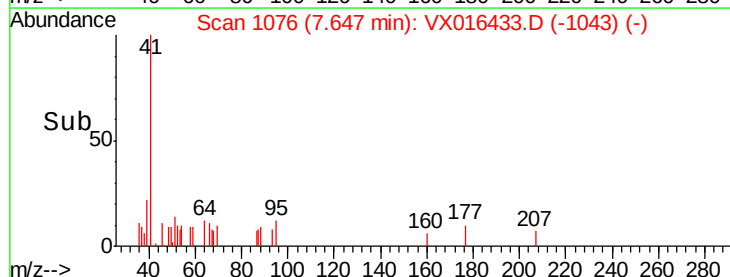
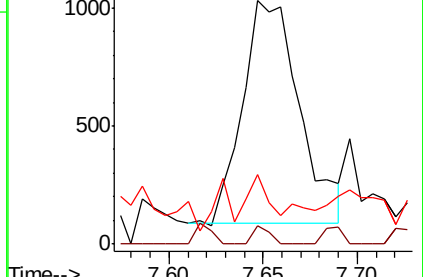
39 0.0 48.6 73.0#

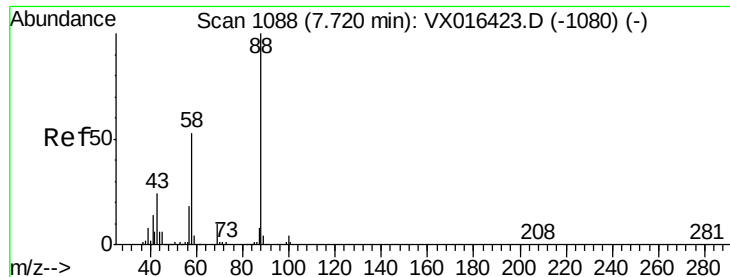


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

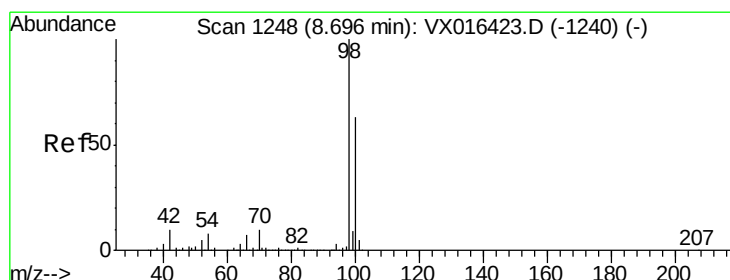
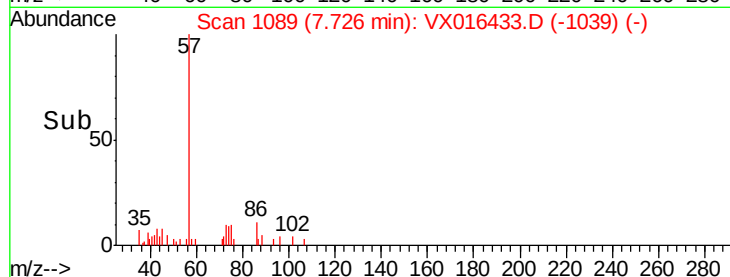
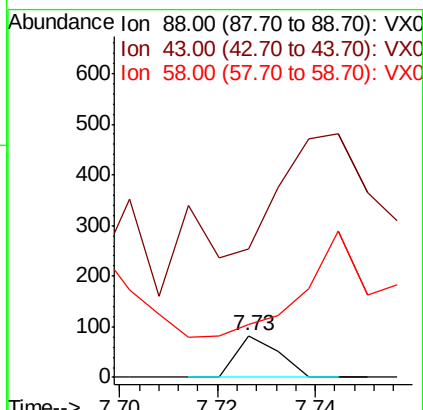
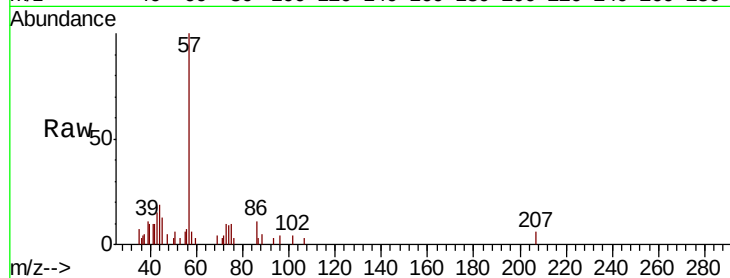




#49
 1,4-Dioxane
 Concen: 1.379 ug/l
 RT: 7.73 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX016433.D
 Acq: 26 May 2020 18:27

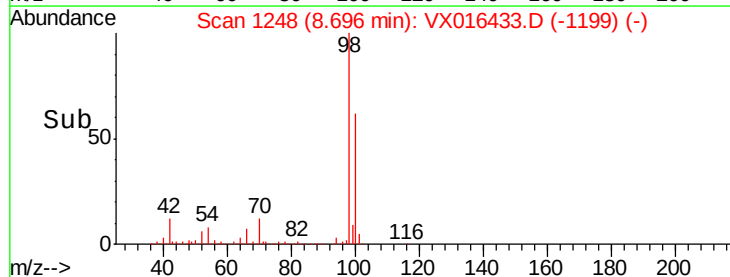
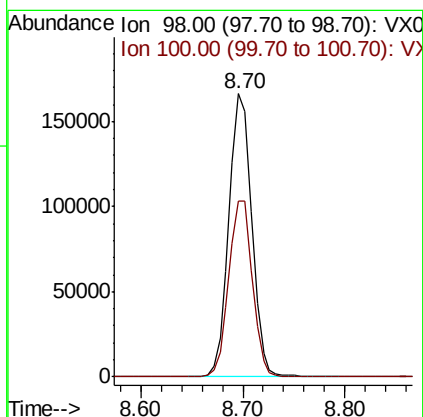
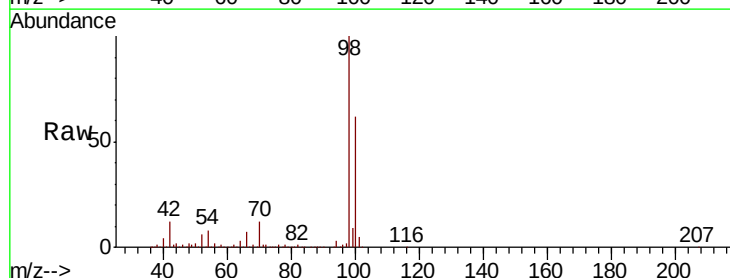
Instrument :
 MSVOA_X
 ClientSampleId :

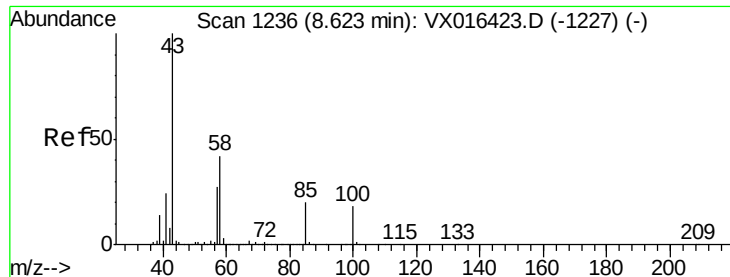
Tot Ion: 88 Resp: 50
 Ion Ratio Lower Upper
 88 100
 43 0.0 23.0 34.6#
 58 974.0 51.7 77.5#



#50
 Toluene-d8
 Concen: 55.618 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX016433.D
 Acq: 26 May 2020 18:27

Tgt Ion: 98 Resp: 257902
 Ion Ratio Lower Upper
 98 100
 100 64.2 52.6 78.8

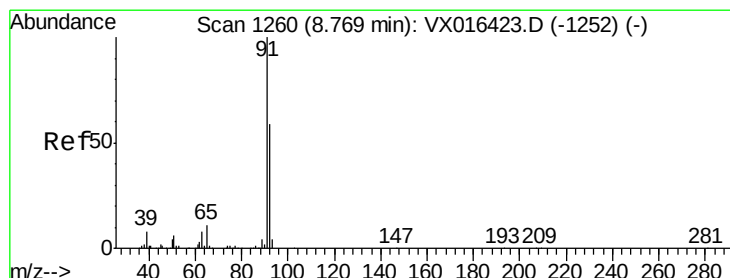
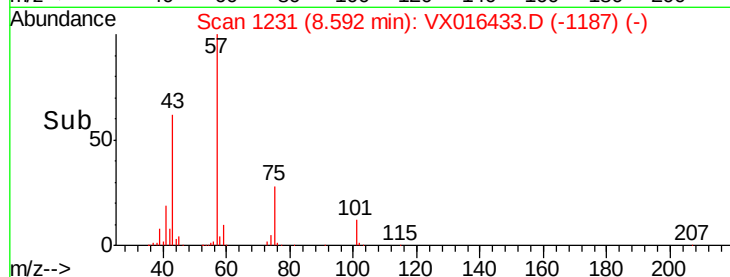
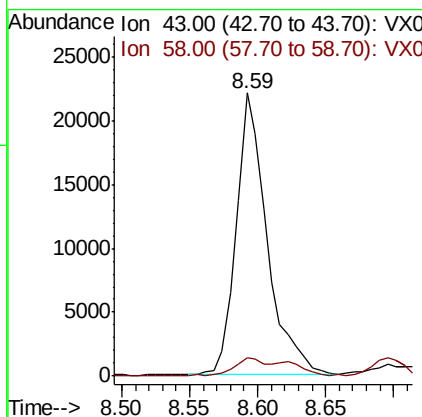
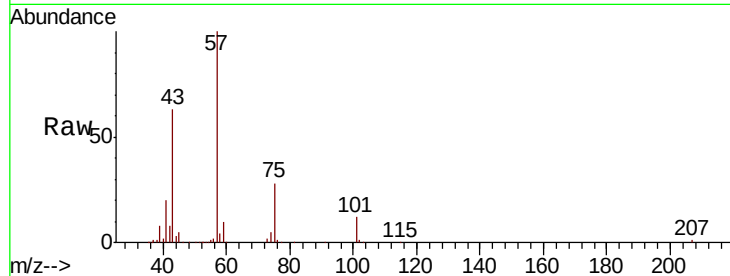




#51
 4-Methyl-2-Pentanone
 Concen: 17.892 ug/l
 RT: 8.59 min Scan# 1231
 Delta R.T. -0.03 min
 Lab File: VX016433.D
 Acq: 26 May 2020 18:27

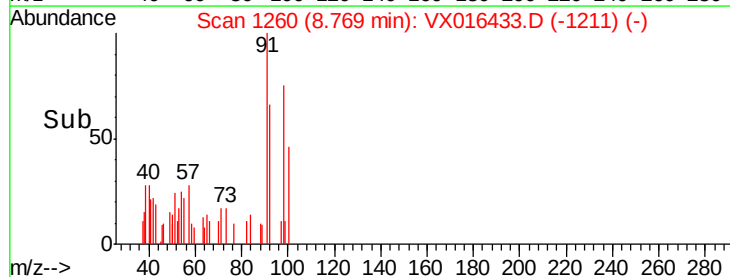
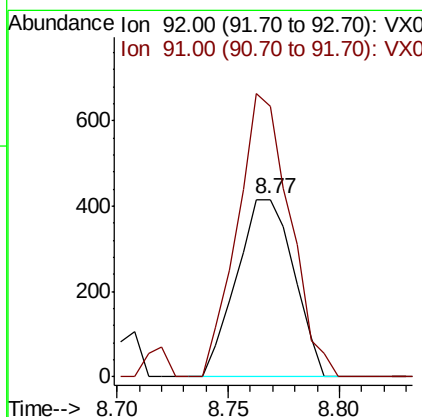
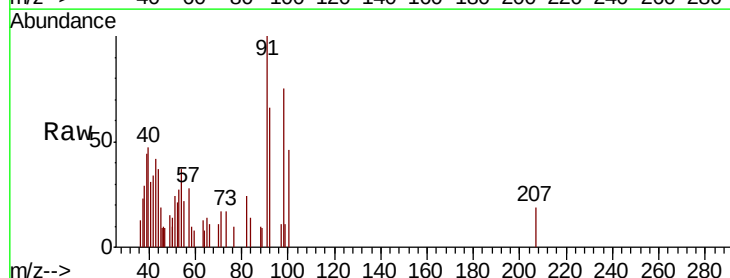
Instrument :
 MSVOA_X
 ClientSampled :

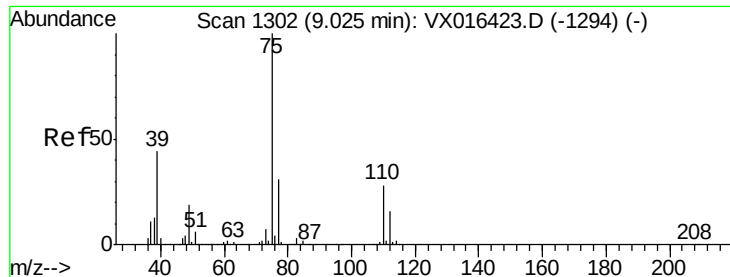
Tot Ion: 43 Resp: 34976
 Ion Ratio Lower Upper
 43 100
 58 6.8 33.8 50.6#



#52
 Toluene
 Concen: 0.223 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VX016433.D
 Acq: 26 May 2020 18:27

Tgt Ion: 92 Resp: 744
 Ion Ratio Lower Upper
 92 100
 91 147.2 135.7 203.5

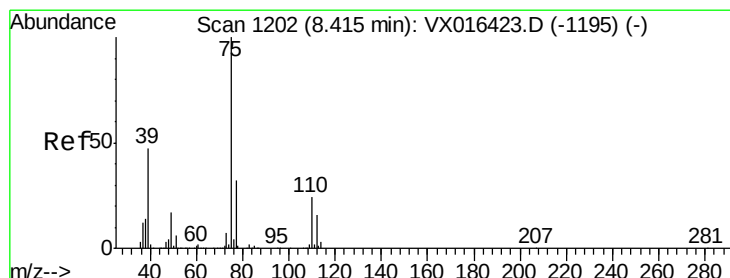
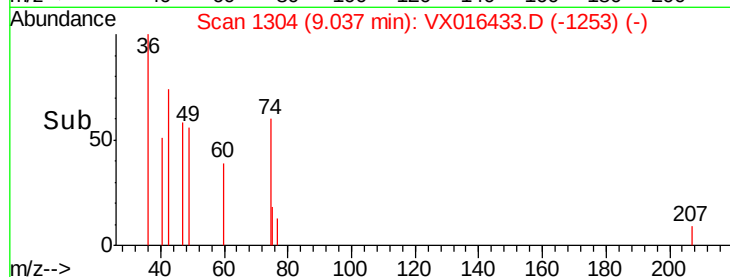
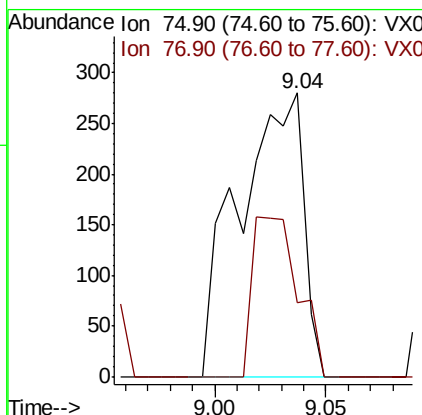
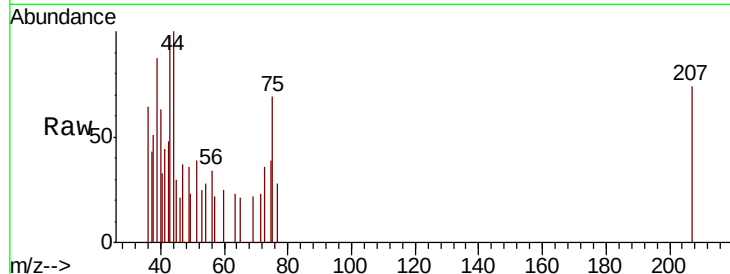




#53
 t-1,3-Dichloropropene
 Concen: 0.258 ug/l
 RT: 9.04 min Scan# 1304
 Delta R.T. 0.01 min
 Lab File: VX016433.D
 Acq: 26 May 2020 18:27

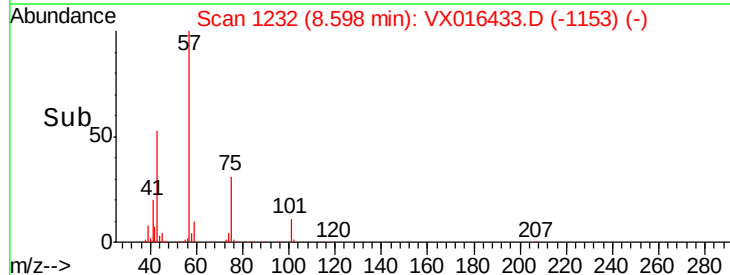
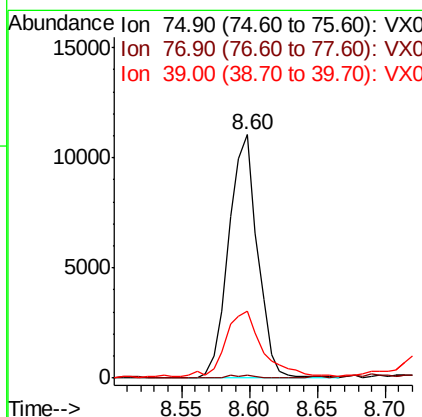
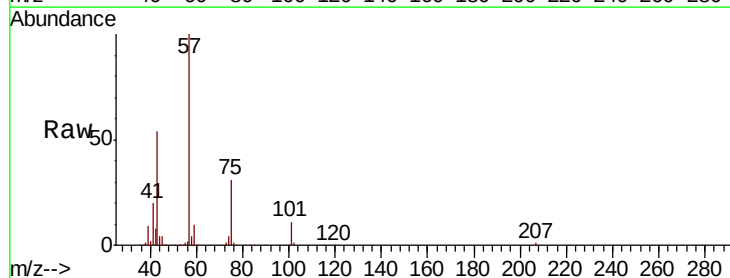
Instrument :
 MSVOA_X
 ClientSampled :

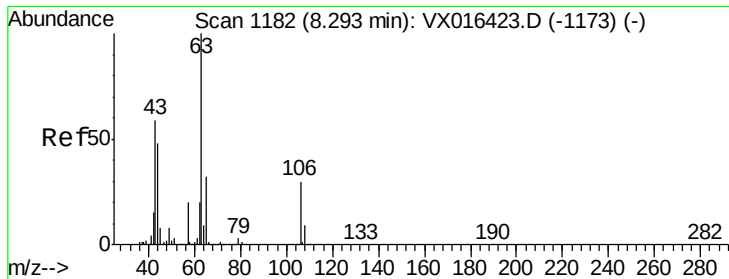
Tot Ion: 75 Resp: 563
 Ion Ratio Lower Upper
 75 100
 77 26.1 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 7.283 ug/l
 RT: 8.60 min Scan# 1232
 Delta R.T. 0.18 min
 Lab File: VX016433.D
 Acq: 26 May 2020 18:27

Tgt Ion: 75 Resp: 16311
 Ion Ratio Lower Upper
 75 100
 77 1.3 25.4 38.0#
 39 26.5 37.7 56.5#

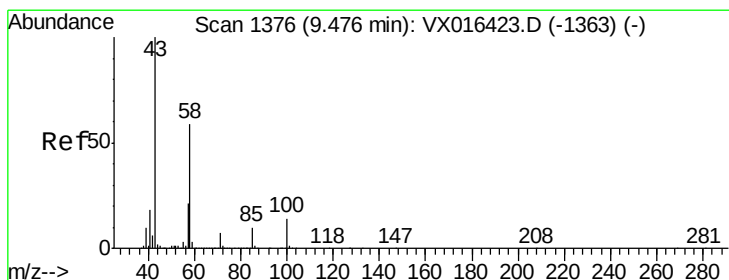
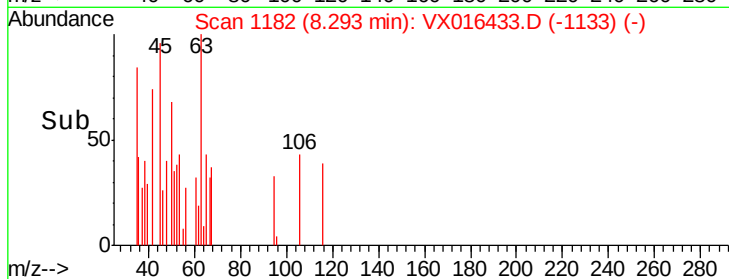
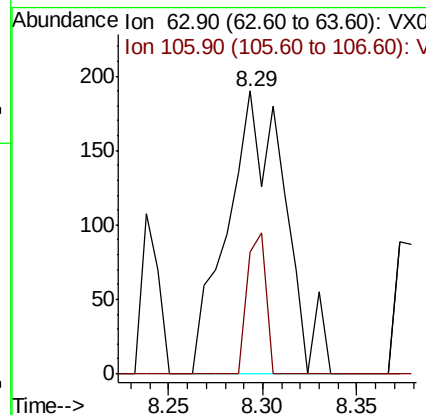
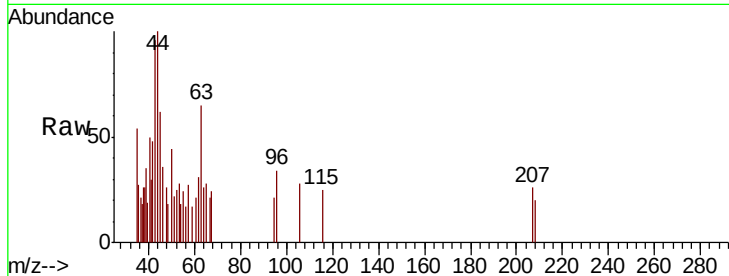




#58
2-Chloroethyl Vinyl ether
Concen: 0.368 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VX016433.D
Acq: 26 May 2020 18:27

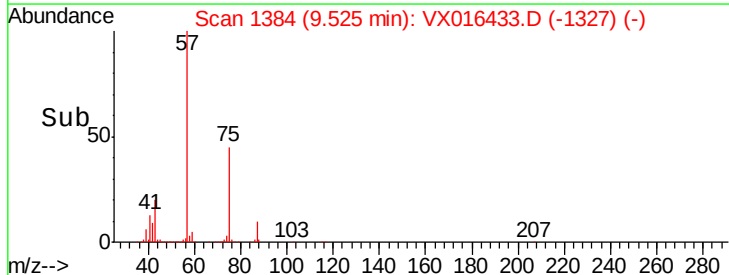
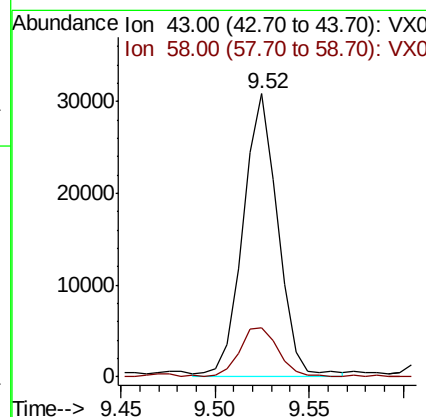
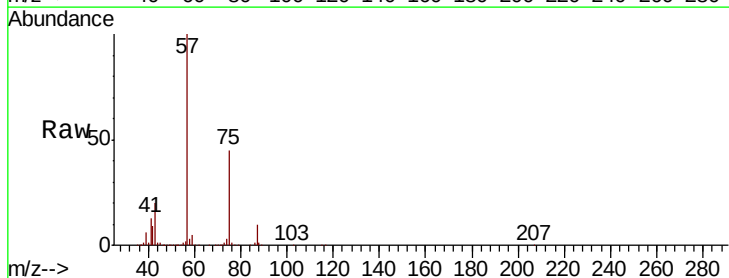
Instrument :
MSVOA_X
ClientSampled :

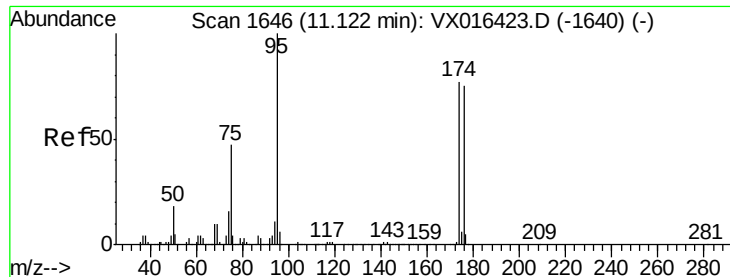
Tot Ion: 63 Resp: 402
Ion Ratio Lower Upper
63 100
106 16.2 24.6 36.8#



#59
2-Hexanone
Concen: 26.033 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX016433.D
Acq: 26 May 2020 18:27

Tgt Ion: 43 Resp: 39186
Ion Ratio Lower Upper
43 100
58 19.0 29.1 87.3#





#62

4-Bromofluorobenzene

Concen: 56.955 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016433.D

Acq: 26 May 2020 18:27

Instrument :

MSVOA_X

ClientSampled :

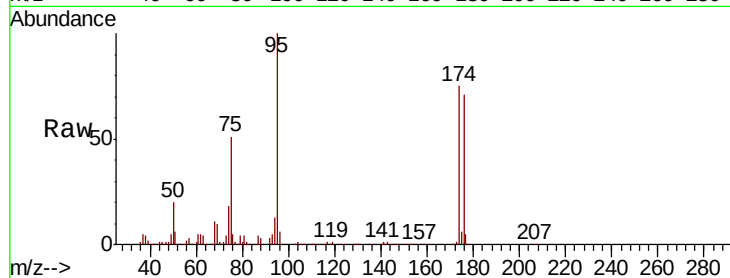
Tot Ion: 95 Resp: 98012

Ion Ratio Lower Upper

95 100

174 72.6 0.0 162.6

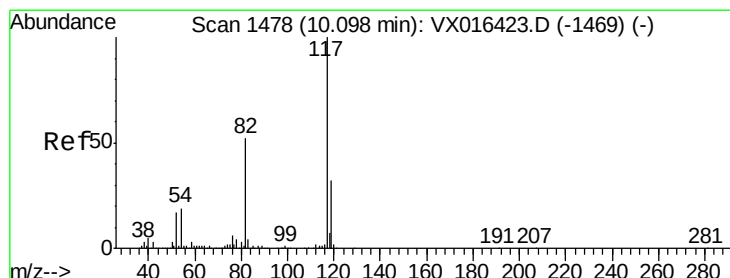
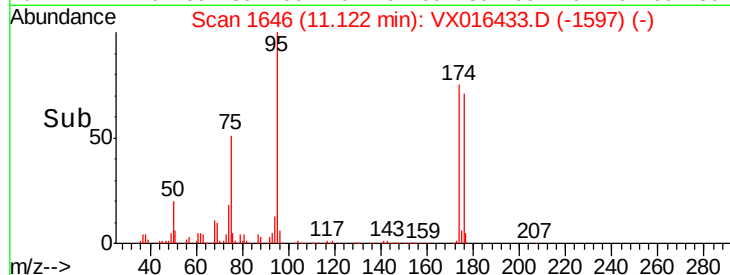
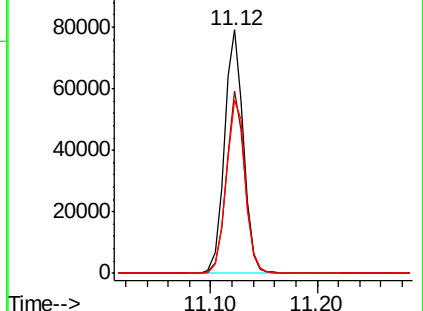
176 71.8 0.0 158.2



Abundance Ion 94.90 (94.60 to 95.60): VX016433.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016433.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016433.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX016433.D

Acq: 26 May 2020 18:27

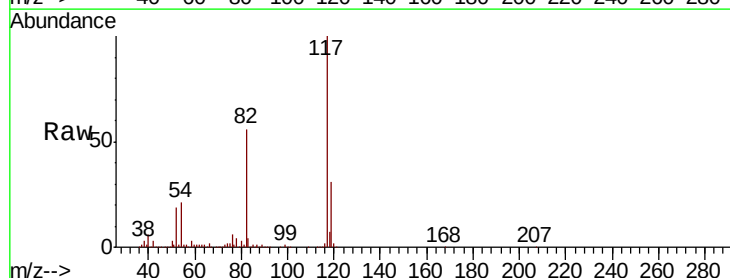
Tgt Ion: 117 Resp: 203545

Ion Ratio Lower Upper

117 100

82 56.0 41.8 62.6

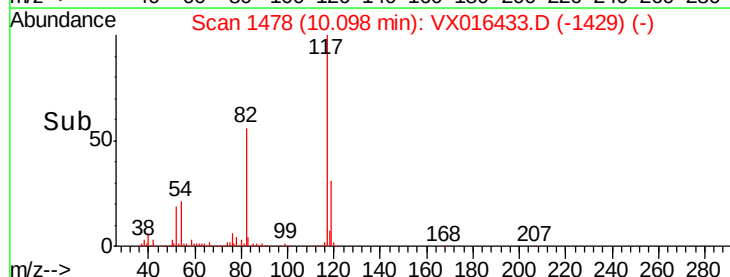
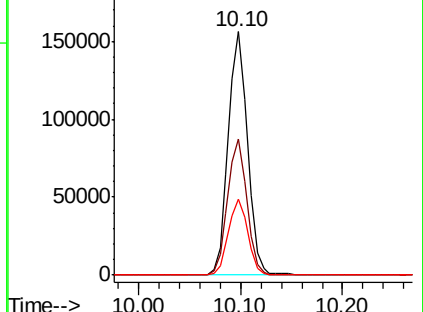
119 31.2 25.7 38.5

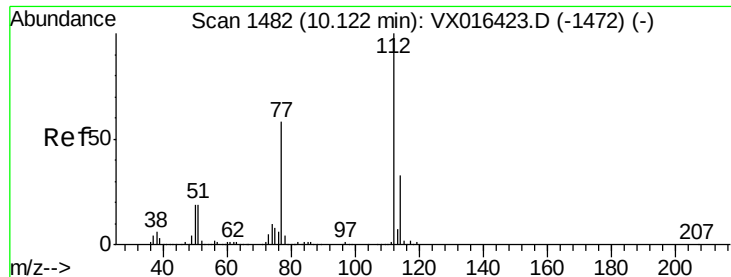


Abundance Ion 116.90 (116.60 to 117.60): VX016433.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016433.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016433.D (-1429) (-)





#65

Chlorobenzene

Concen: 0.221 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016433.D

Acq: 26 May 2020 18:27

Instrument :

MSVOA_X

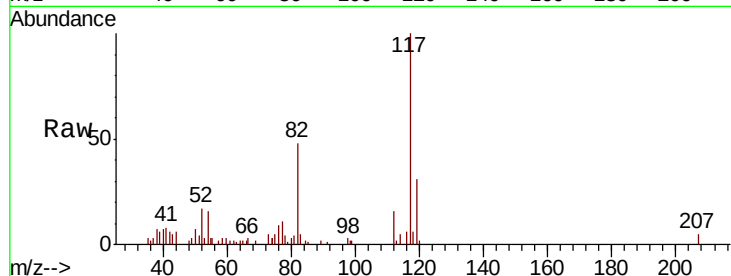
ClientSampleId :

Tot Ion:112 Resp: 886

Ion Ratio Lower Upper

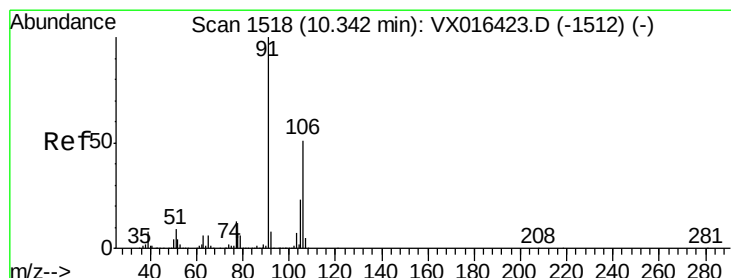
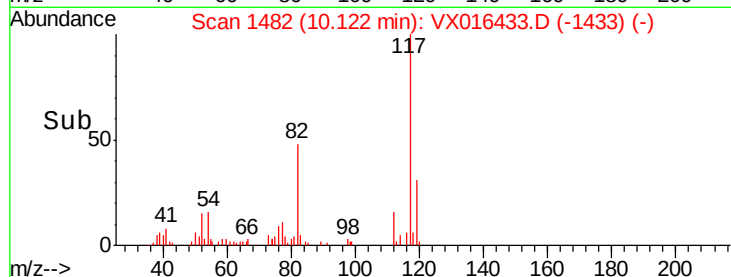
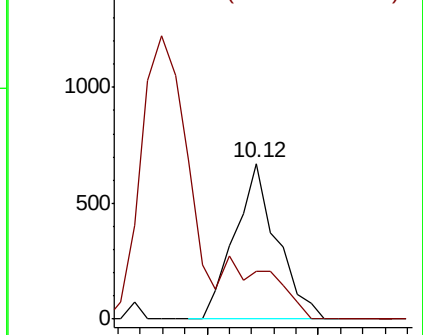
112 100

114 30.7 26.6 40.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#68

m/p-Xylenes

Concen: 0.386 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016433.D

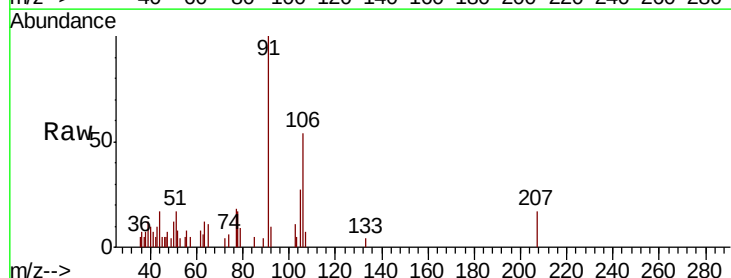
Acq: 26 May 2020 18:27

Tgt Ion:106 Resp: 1056

Ion Ratio Lower Upper

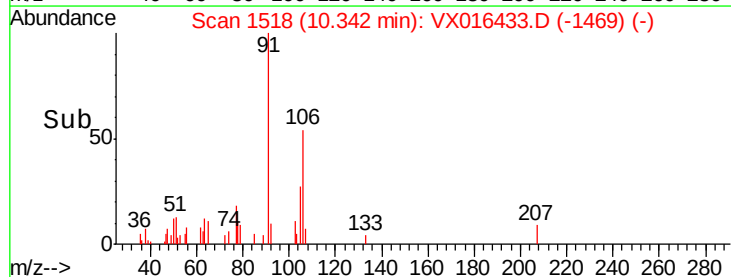
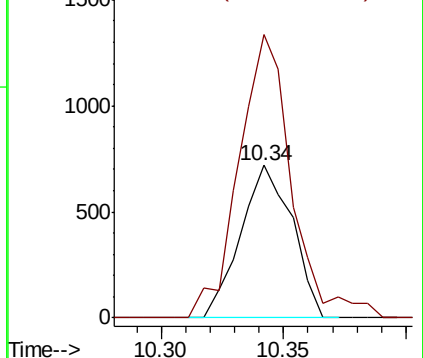
106 100

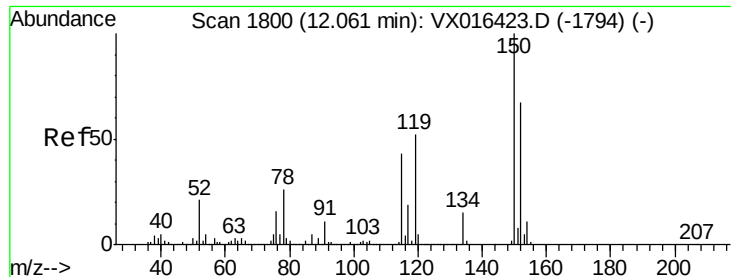
91 190.4 158.2 237.4



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: VX016433.D

Acq: 26 May 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

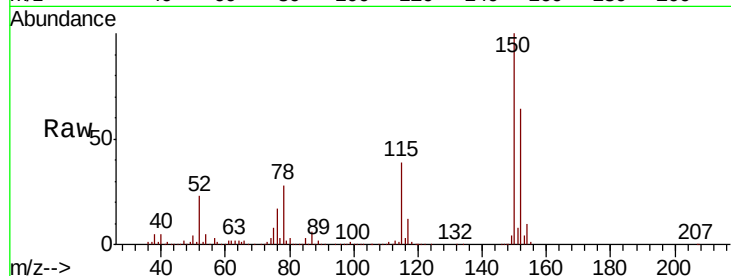
Tot Ion:152 Resp: 94833

Ion Ratio Lower Upper

152 100

115 59.0 40.4 121.2

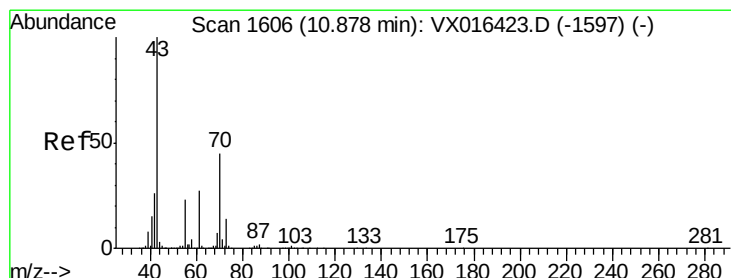
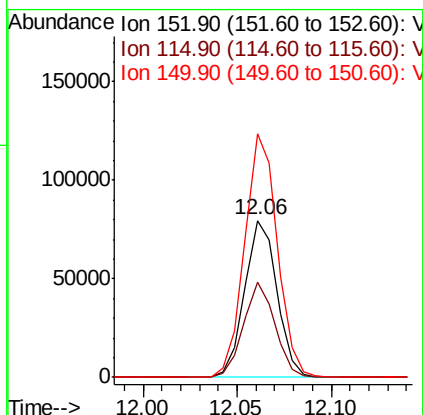
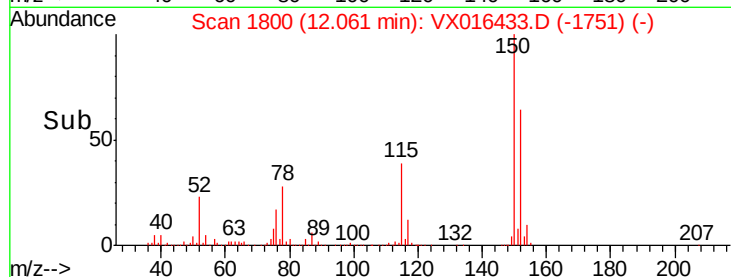
150 156.6 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 0.634 ug/l

RT: 10.81 min Scan# 1595

Delta R.T. -0.07 min

Lab File: VX016433.D

Acq: 26 May 2020 18:27

Tgt Ion: 43 Resp: 1726

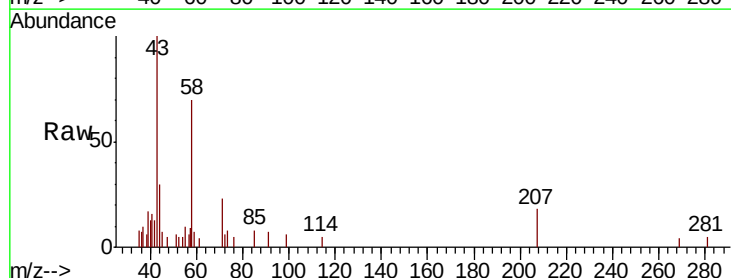
Ion Ratio Lower Upper

43 100

70 0.0 38.0 57.0#

55 11.3 20.0 30.0#

61 0.0 21.4 32.2#

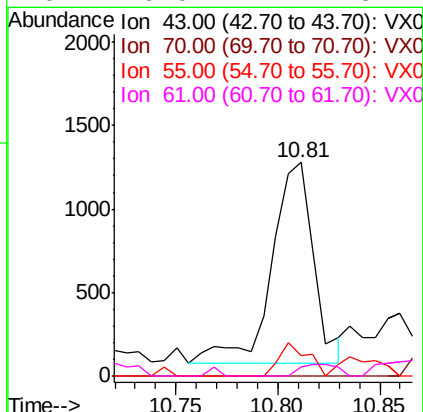
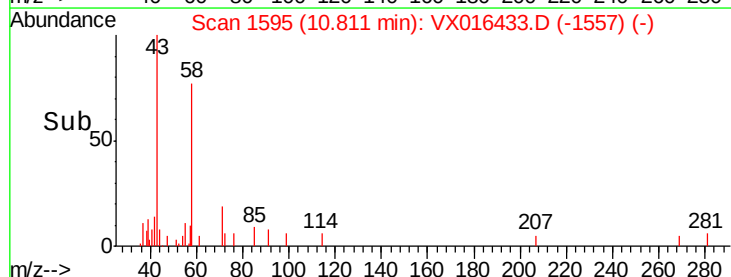


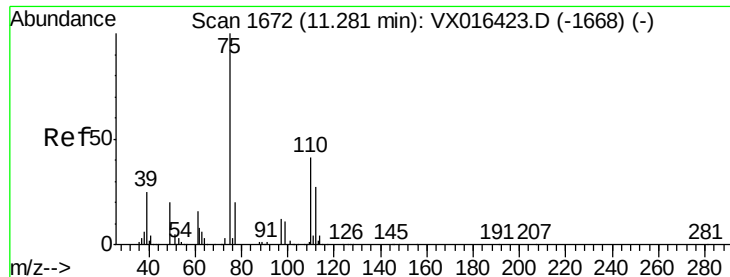
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 25.434 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016433.D

Acq: 26 May 2020 18:27

Instrument :

MSVOA_X

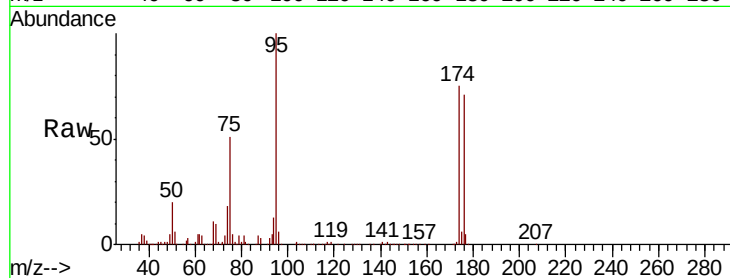
ClientSampleId :

Tot Ion: 75 Resp: 50061

Ion Ratio Lower Upper

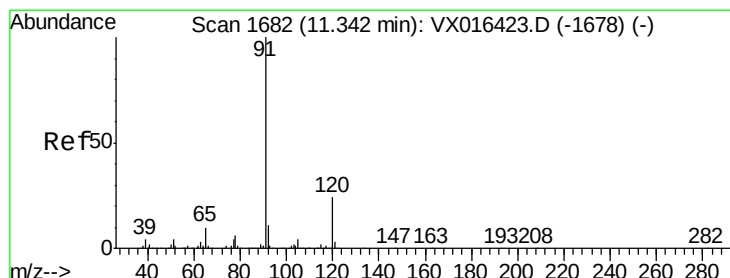
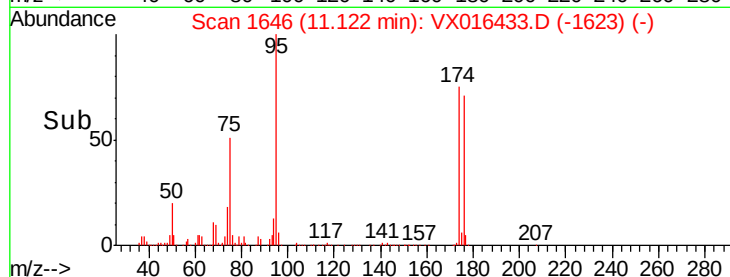
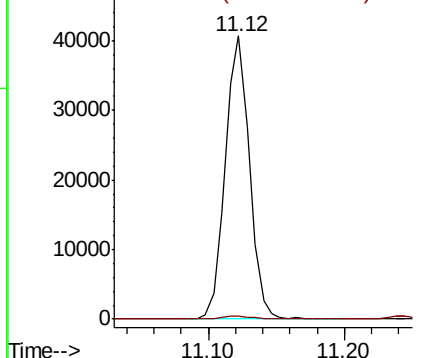
75 100

77 1.2 21.4 64.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 0.270 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX016433.D

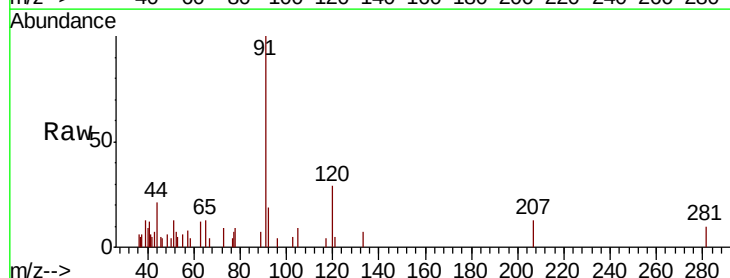
Acq: 26 May 2020 18:27

Tgt Ion: 91 Resp: 1953

Ion Ratio Lower Upper

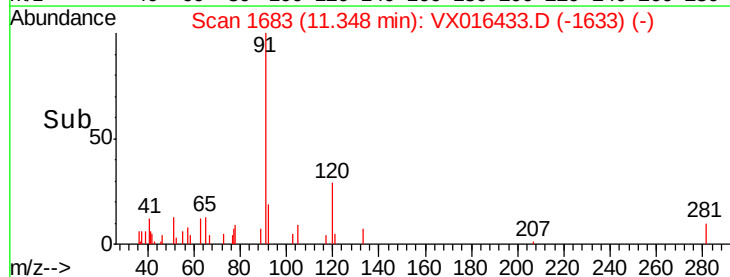
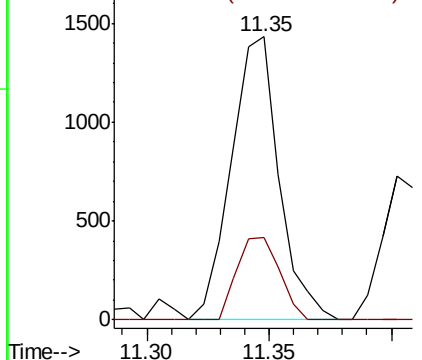
91 100

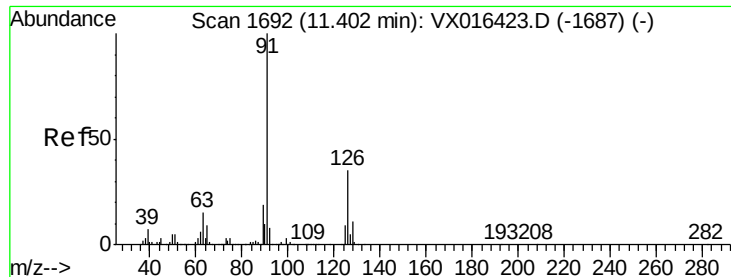
120 26.1 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

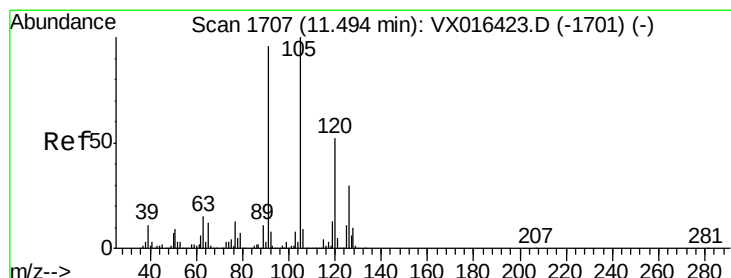
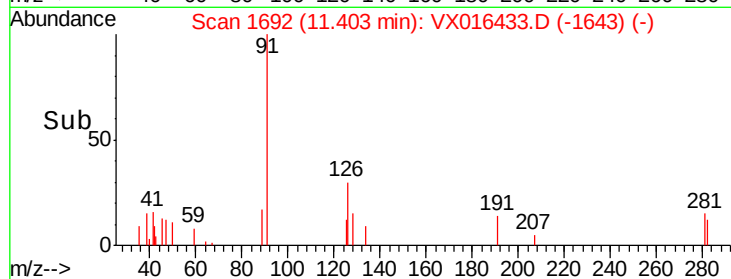
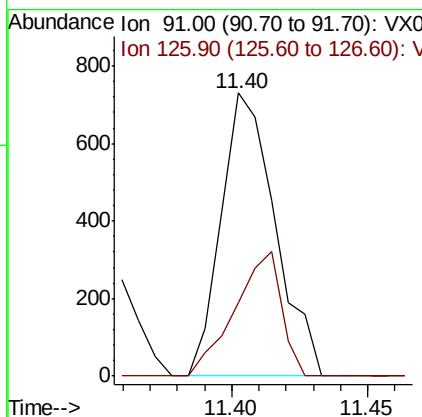
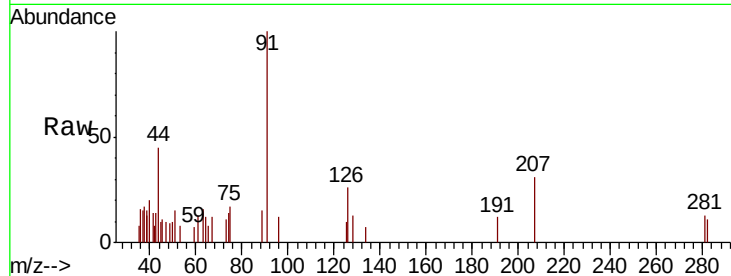




#79
 2-Chlorotoluene
 Concen: 0.234 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX016433.D
 Acq: 26 May 2020 18:27

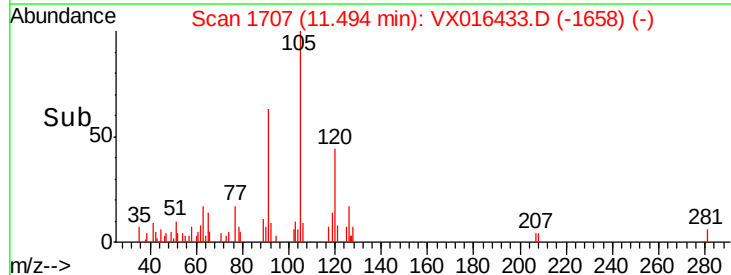
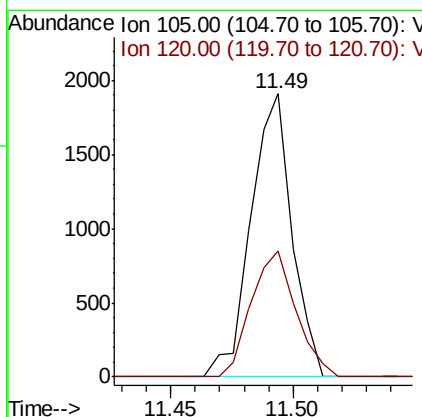
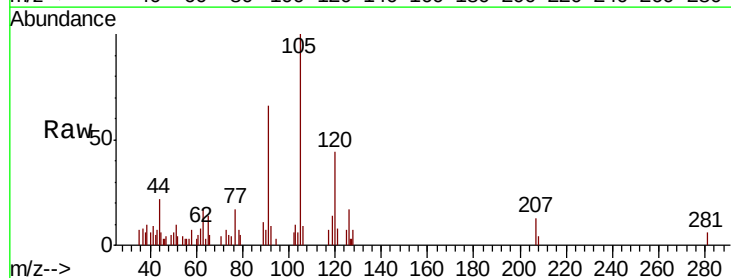
Instrument :
 MSVOA_X
 ClientSampleId :

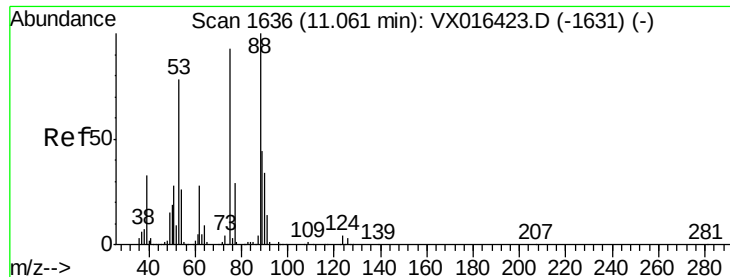
Tot Ion: 91 Resp: 1006
 Ion Ratio Lower Upper
 91 100
 126 38.0 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 0.418 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX016433.D
 Acq: 26 May 2020 18:27

Tgt Ion: 105 Resp: 2235
 Ion Ratio Lower Upper
 105 100
 120 48.5 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 61.163 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016433.D

Acq: 26 May 2020 18:27

Instrument :

MSVOA_X

ClientSampled :

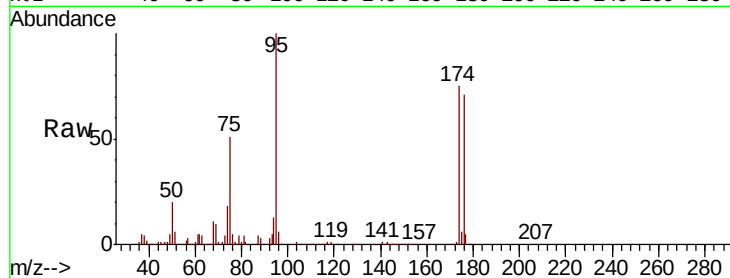
Tot Ion: 75 Resp: 50061

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

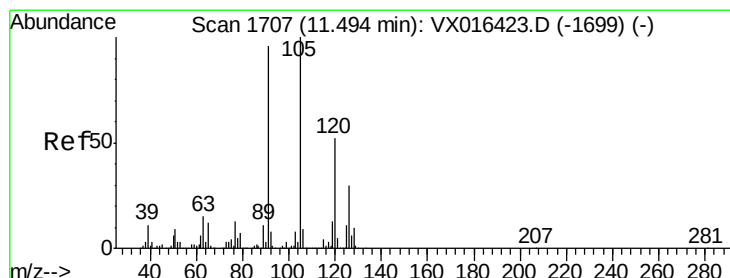
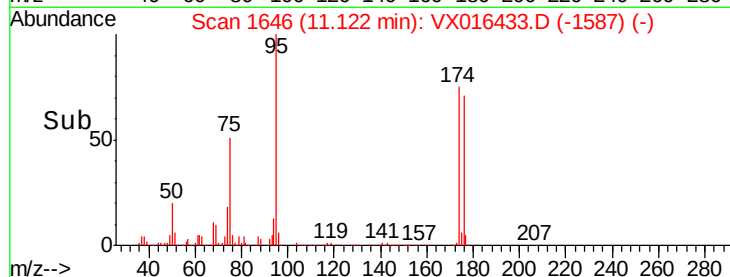
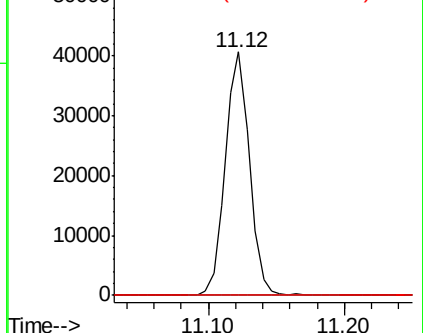
89 0.0 37.0 55.6#



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



#82

4-Chlorotoluene

Concen: 0.310 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016433.D

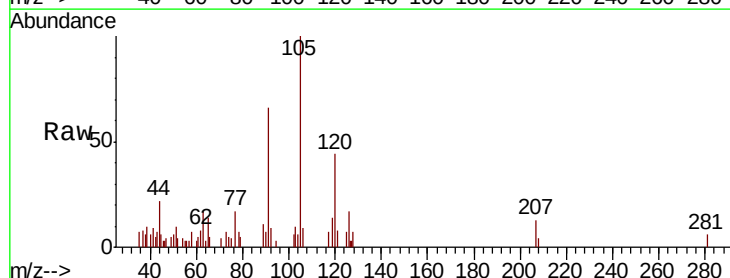
Acq: 26 May 2020 18:27

Tgt Ion: 91 Resp: 1608

Ion Ratio Lower Upper

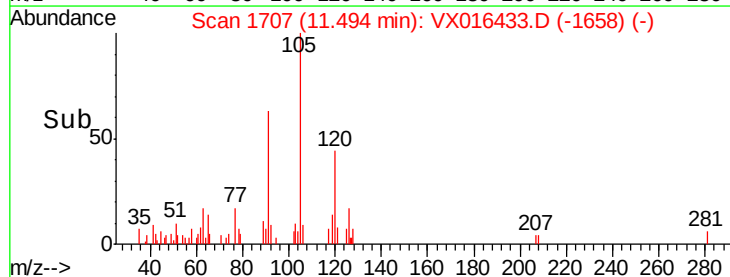
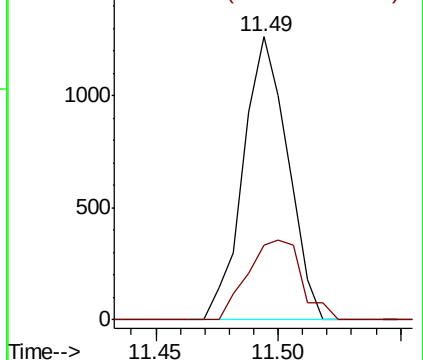
91 100

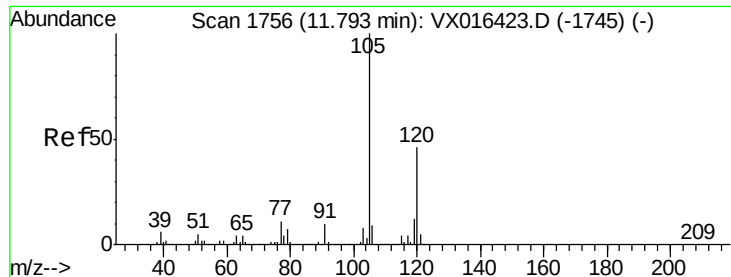
126 34.1 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

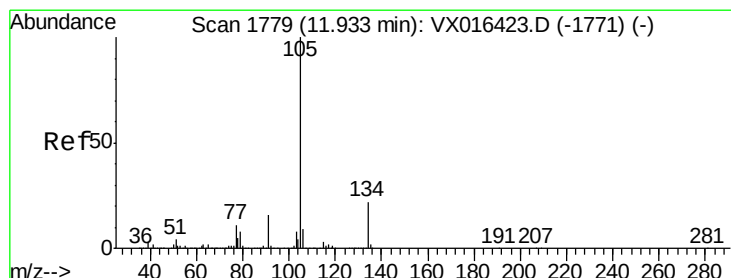
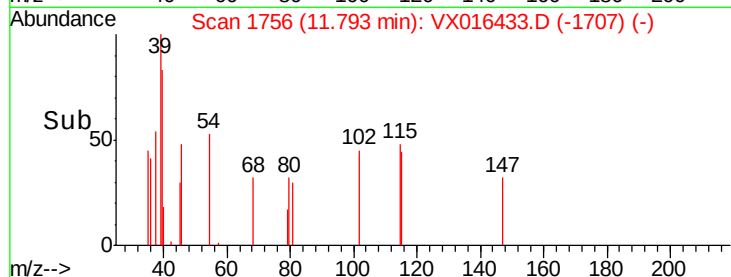
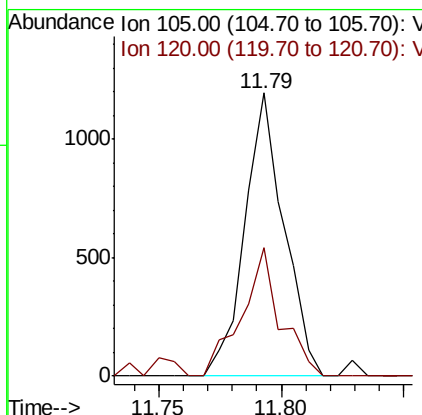
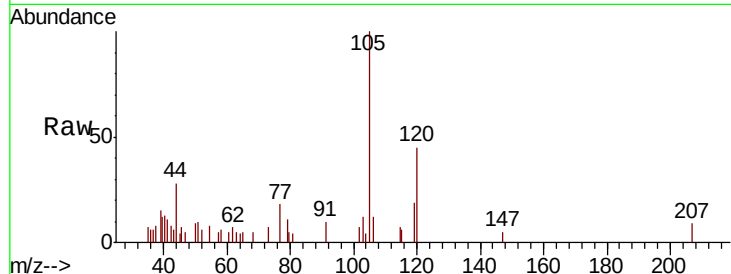




#84
 1,2,4-Trimethylbenzene
 Concen: 0.247 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX016433.D
 Acq: 26 May 2020 18:27

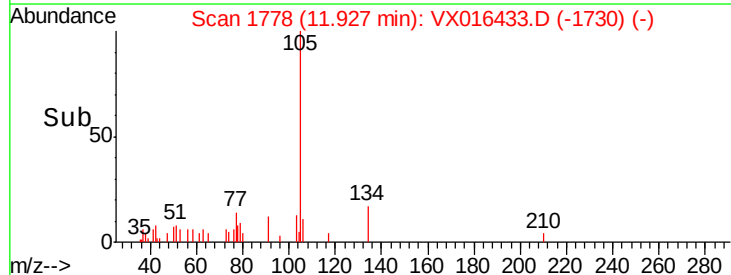
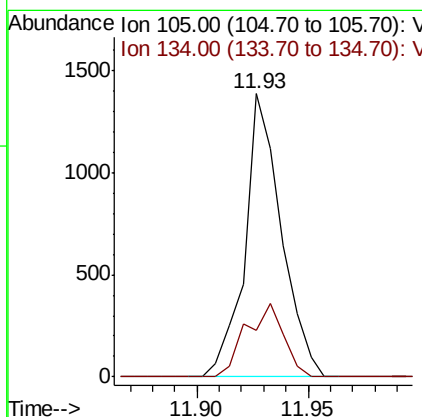
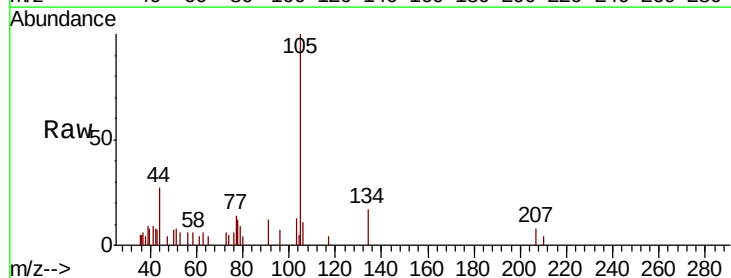
Instrument :
 MSVOA_X
 ClientSampleId :

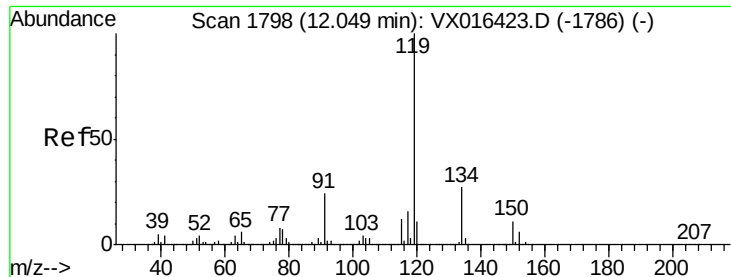
Tot Ion:105 Resp: 1331
 Ion Ratio Lower Upper
 105 100
 120 45.1 23.2 69.6



#85
 sec-Butylbenzene
 Concen: 0.273 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX016433.D
 Acq: 26 May 2020 18:27

Tgt Ion:105 Resp: 1581
 Ion Ratio Lower Upper
 105 100
 134 26.8 10.5 31.6

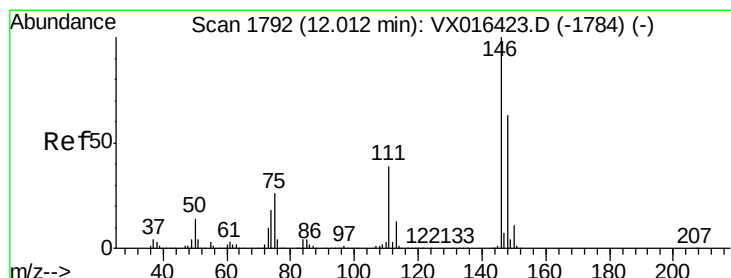
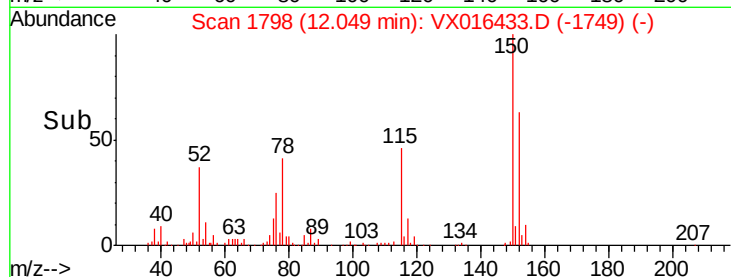
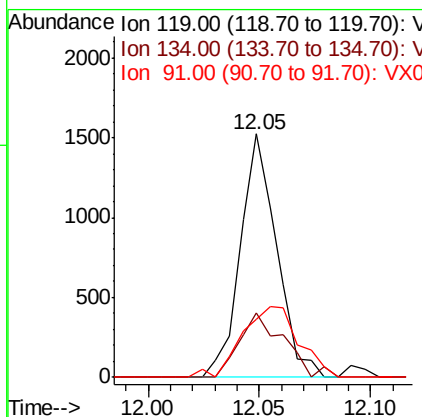
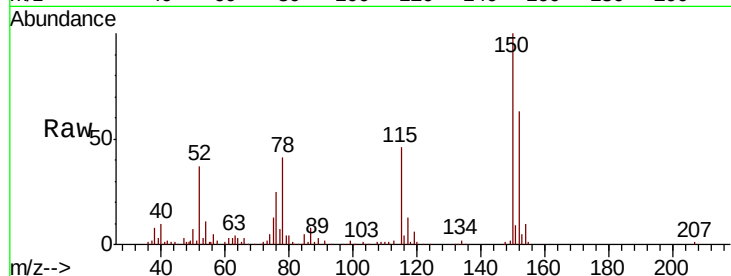




#86
 p-Isopropyltoluene
 Concen: 0.320 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016433.D
 Acq: 26 May 2020 18:27

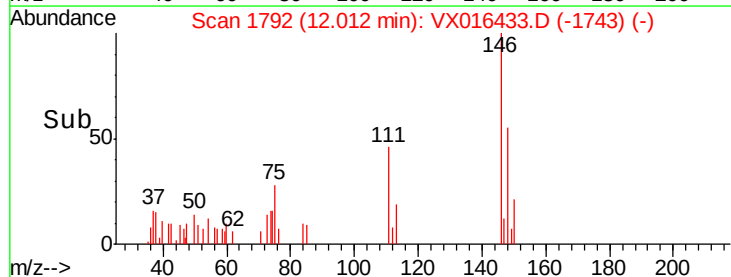
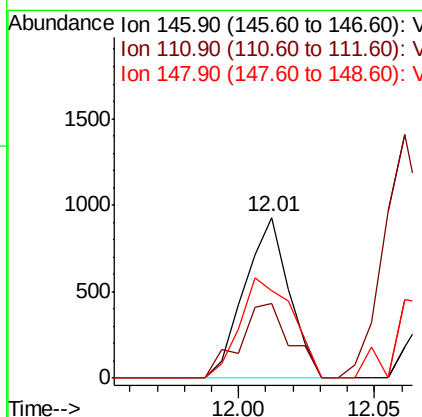
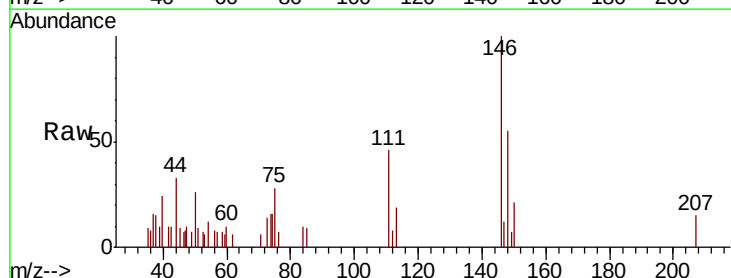
Instrument :
 MSVOA_X
 ClientSampleId :

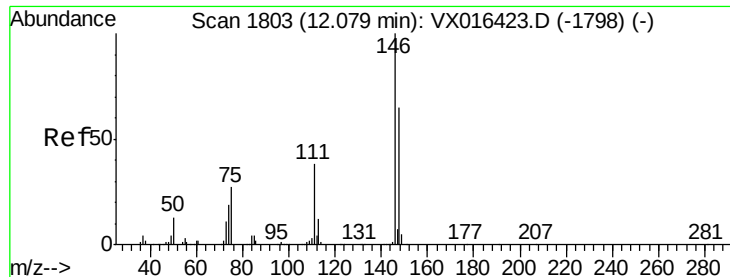
Tot Ion:119 Resp: 1732
 Ion Ratio Lower Upper
 119 100
 134 32.4 13.8 41.3
 91 45.5 11.9 35.5#



#87
 1,3-Dichlorobenzene
 Concen: 0.356 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016433.D
 Acq: 26 May 2020 18:27

Tgt Ion:146 Resp: 1049
 Ion Ratio Lower Upper
 146 100
 111 52.9 20.1 60.2
 148 74.0 31.4 94.2





#88

1,4-Dichlorobenzene

Concen: 0.352 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.07 min

Lab File: VX016433.D

Acq: 26 May 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

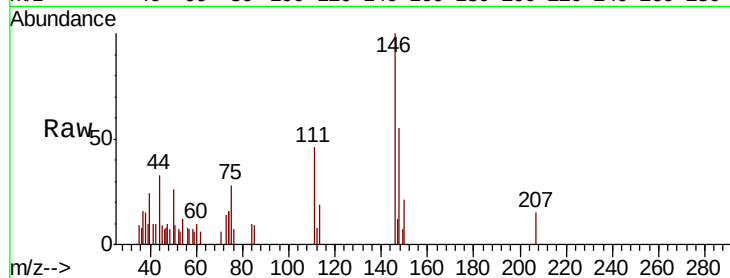
Tot Ion:146 Resp: 1049

Ion Ratio Lower Upper

146 100

111 52.9 19.2 57.6

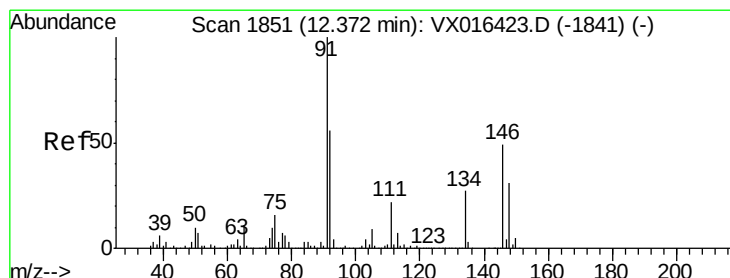
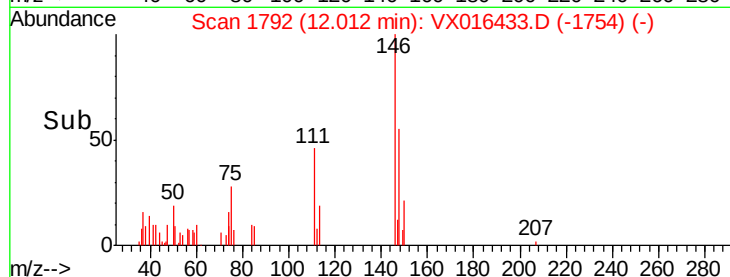
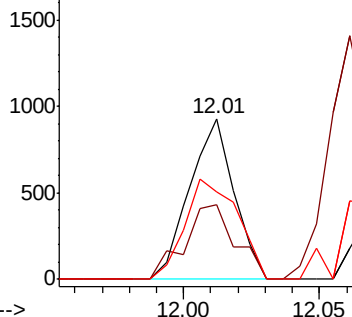
148 74.0 33.1 99.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.530 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX016433.D

Acq: 26 May 2020 18:27

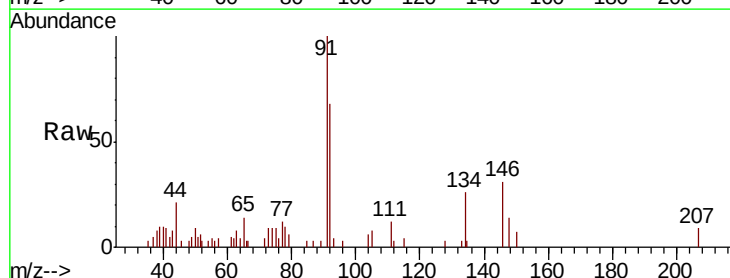
Tgt Ion: 91 Resp: 2492

Ion Ratio Lower Upper

91 100

92 60.6 27.6 82.8

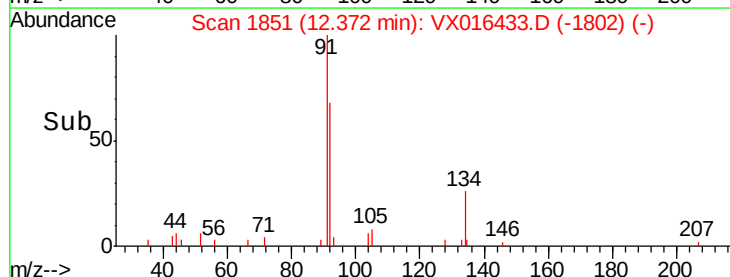
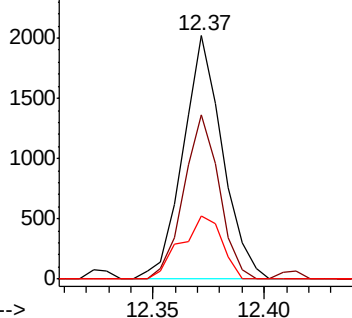
134 26.9 13.7 41.1

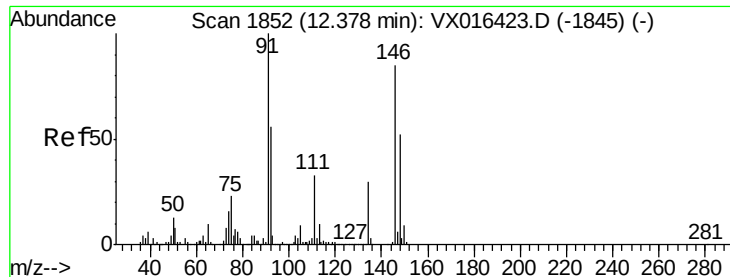


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

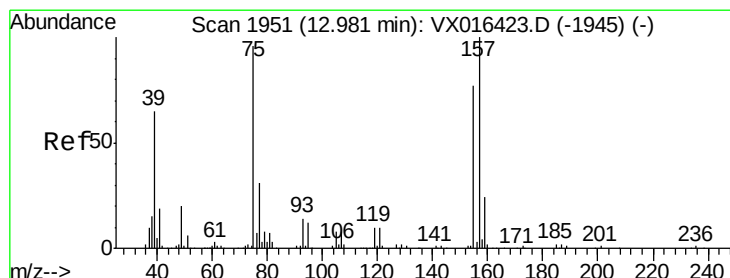
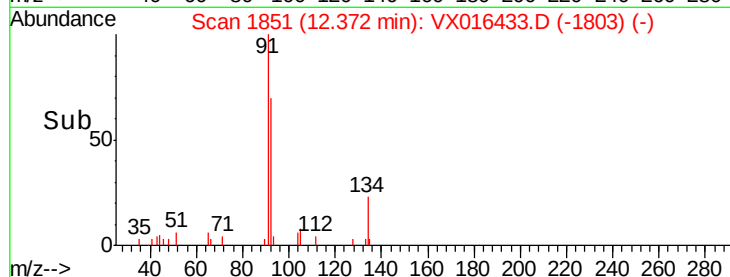
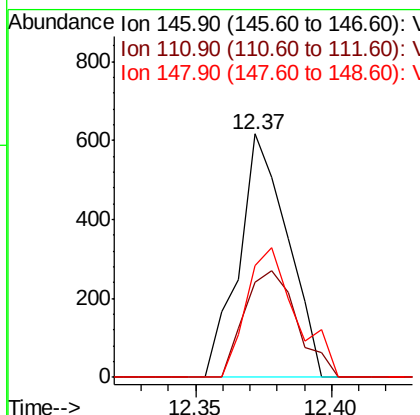
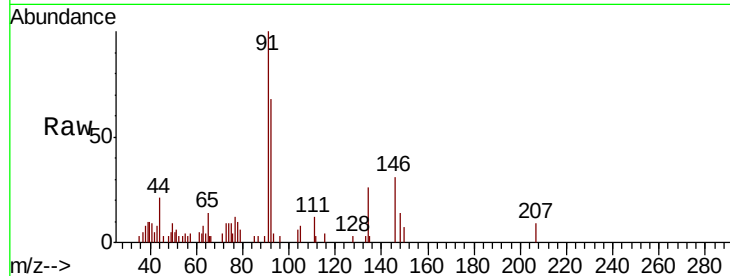




#91
 1,2-Dichlorobenzene
 Concen: 0.263 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX016433.D
 Acq: 26 May 2020 18:27

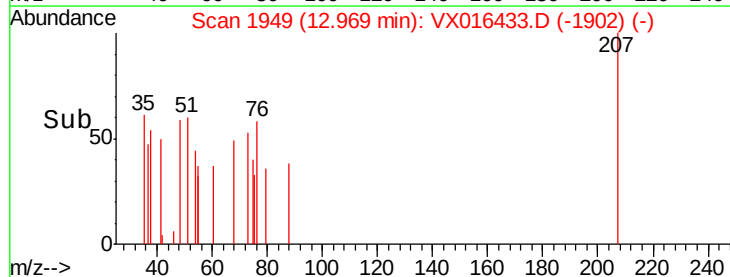
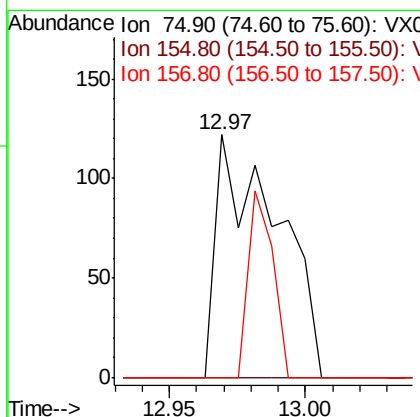
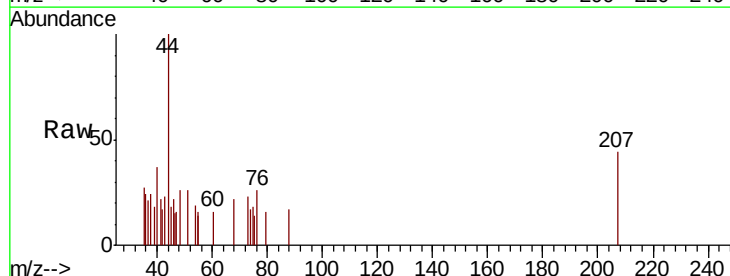
Instrument :
 MSVOA_X
 ClientSampled :

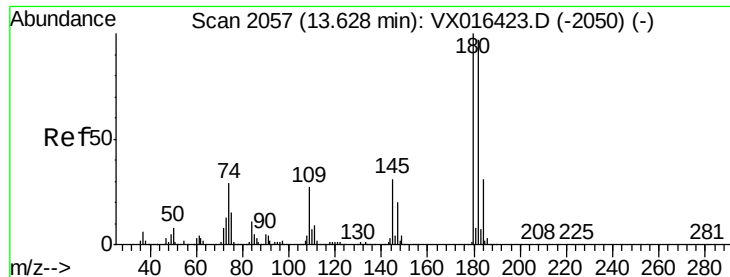
Tot Ion	Ratio	Lower	Upper
146	100		
111	47.2	20.4	61.3
148	54.3	31.6	94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.380 ug/l
 RT: 12.97 min Scan# 1949
 Delta R.T. -0.01 min
 Lab File: VX016433.D
 Acq: 26 May 2020 18:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	0.0	44.8	134.4#
157	30.5	57.8	173.4#

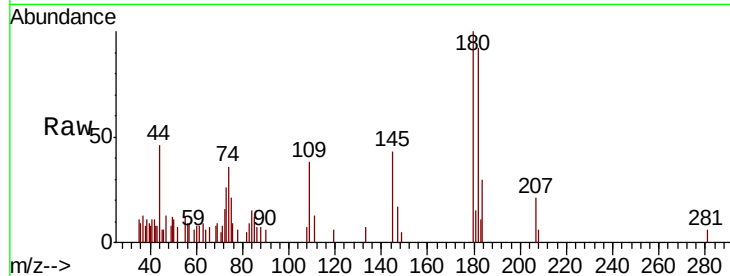




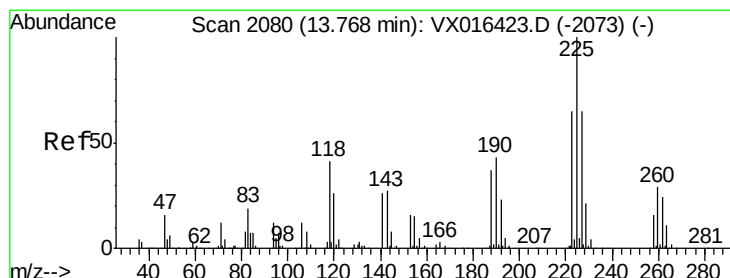
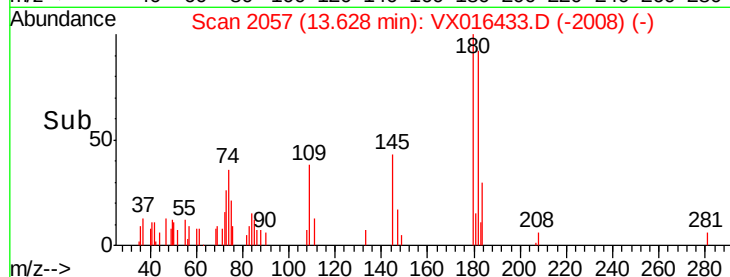
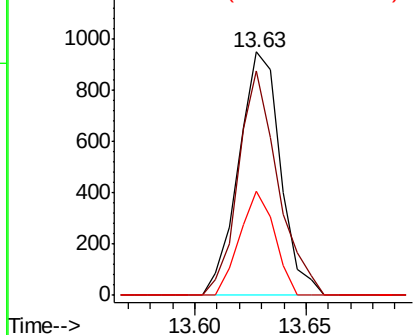
#93
 1,2,4-Trichlorobenzene
 Concen: 0.690 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016433.D
 Acq: 26 May 2020 18:27

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	87.0	48.6	145.8
145	35.5	15.5	46.5

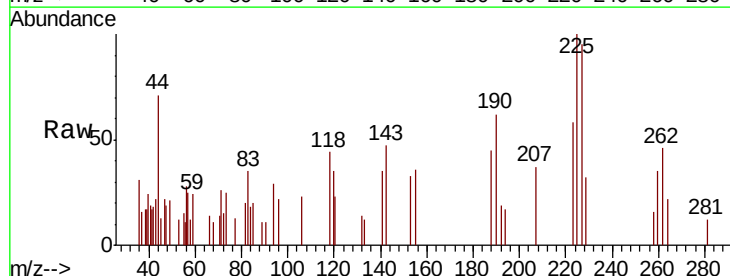


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

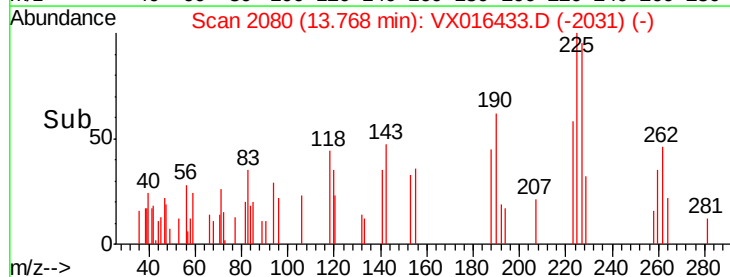
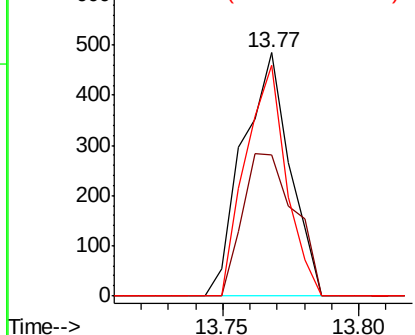


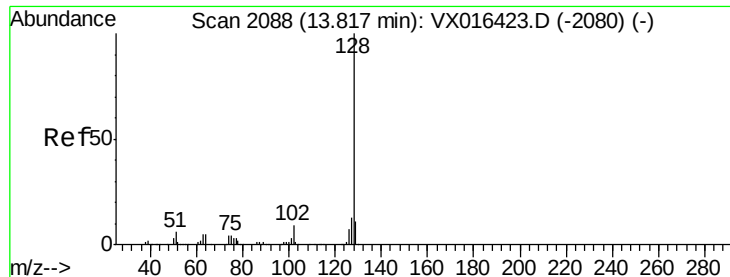
#94
 Hexachlorobutadiene
 Concen: 0.894 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016433.D
 Acq: 26 May 2020 18:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	32.6	98.0
227	81.6	32.5	97.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 0.392 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016433.D

Acq: 26 May 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

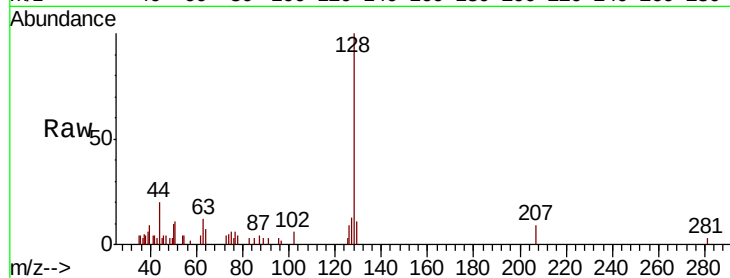
Tot Ion:128 Resp: 2534

Ion Ratio Lower Upper

128 100

127 14.4 10.5 15.7

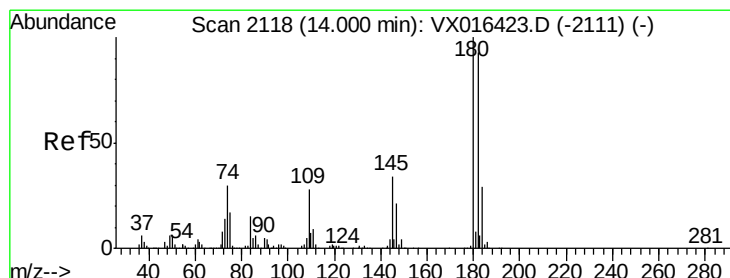
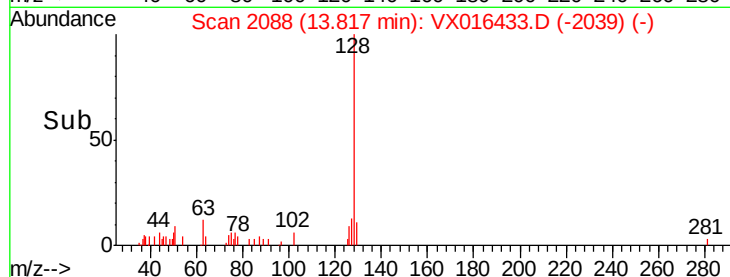
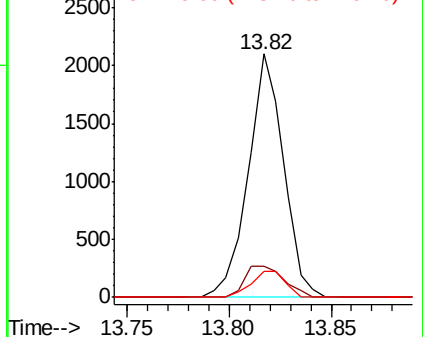
129 10.4 8.9 13.3



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



#96

1,2,3-Trichlorobenzene

Concen: 0.556 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX016433.D

Acq: 26 May 2020 18:27

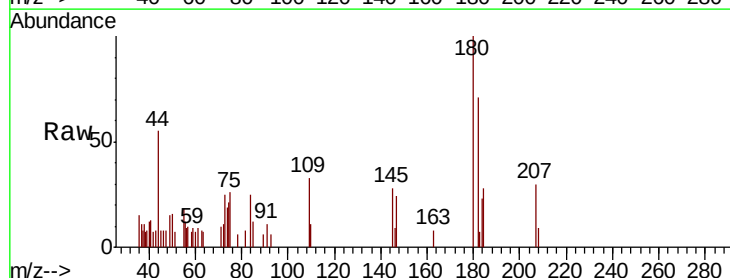
Tgt Ion:180 Resp: 970

Ion Ratio Lower Upper

180 100

182 101.3 48.2 144.6

145 30.2 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

