

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121420\
 Data File : VX019991.D
 Acq On : 14 Dec 2020 17:02
 Operator : JC/MD
 Sample : L4985-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 28-30

Quant Time: Dec 15 00:24:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	314839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	520751	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	490111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	226942	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	197890	47.82	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.64%	
35) Dibromofluoromethane		5.46	113	161218	47.90	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.80%	
50) Toluene-d8		8.70	98	645751	50.26	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.52%	
62) 4-Bromofluorobenzene		11.12	95	236392	48.34	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.63	94	311	0.262	ug/l #	67
6) Chloroethane	1.73	64	458	0.213	ug/l #	61
11) Tert butyl alcohol	3.00	59	9661	8.836	ug/l #	90
13) Acrolein	2.27	56	1145	2.507	ug/l #	9
16) Acetone	2.42	43	110892	71.298	ug/l	99
17) Carbon Disulfide	2.55	76	2168	0.262	ug/l #	92
18) Methyl Acetate	2.75	43	1967	0.517	ug/l	97
20) Methylene Chloride	2.83	84	9695	1.346	ug/l	97
25) 2-Butanone	4.64	43	11541	4.829	ug/l	97
29) Tetrahydrofuran	5.10	42	2090	1.357	ug/l	90
31) Cyclohexane	5.54	56	6104	1.186	ug/l	94
36) 1,1-Dichloropropene	5.62	75	23791	5.056	ug/l #	48
37) Ethyl Acetate	4.64	43	11541	2.429	ug/l #	66
38) Carbon Tetrachloride	5.62	117	30684	6.659	ug/l #	16
39) Methylcyclohexane	7.43	83	4129	0.747	ug/l #	88
40) Benzene	6.11	78	920723	64.053	ug/l	100
42) 1,2-Dichloroethane	6.11	62	7768	1.582	ug/l #	73
43) Isopropyl Acetate	6.41	43	28316	3.666	ug/l	97
48) Methyl methacrylate	7.65	41	8791	2.314	ug/l #	10
49) 1,4-Dioxane	7.85	88	257	2.793	ug/l #	1
51) 4-Methyl-2-Pentanone	8.59	43	90913	19.278	ug/l #	49
52) Toluene	8.76	92	930564	103.507	ug/l	99
53) t-1,3-Dichloropropene	8.76	75	10338	1.935	ug/l #	1
54) cis-1,3-Dichloropropene	8.59	75	45750	7.883	ug/l #	61
57) 1,3-Dichloropropane	9.52	76	27182	4.394	ug/l #	43
59) 2-Hexanone	9.52	43	339901	92.982	ug/l #	46
67) Ethyl Benzene	10.23	91	144315	8.326	ug/l	99
68) m/p-Xylenes	10.34	106	282889	43.315	ug/l	97
69) o-Xylene	10.68	106	206431	32.858	ug/l	98
70) Styrene	10.70	104	115819	10.922	ug/l #	79
73) Isopropylbenzene	11.00	105	9730	0.628	ug/l	99
74) N-amyl acetate	10.80	43	2669	0.430	ug/l #	47
76) 1,2,3-Trichloropropane	11.12	75	114551	22.505	ug/l #	39
78) n-propylbenzene	11.34	91	11418	0.645	ug/l	99

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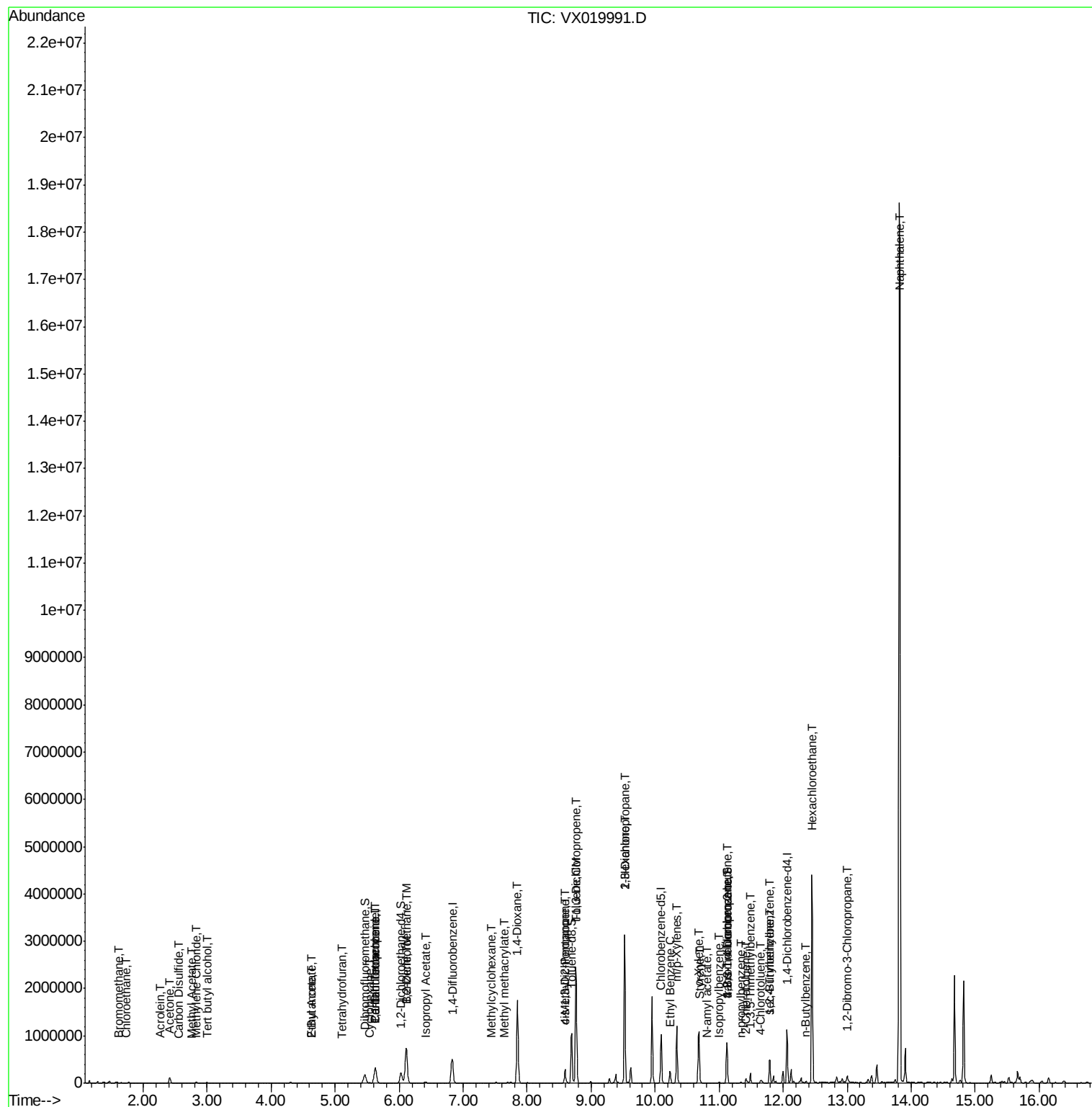
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	11.41	91	7630	0.700	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.49	105	89233	6.819	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.12	75	114551	65.059	ug/l #	12
82) 4-Chlorotoluene	11.65	91	5440	0.426	ug/l	81
84) 1,2,4-Trimethylbenzene	11.79	105	205572	15.596	ug/l	91
85) sec-Butylbenzene	11.79	105	205572	14.030	ug/l #	57
89) n-Butylbenzene	12.36	91	3360	0.282	ug/l #	5
90) Hexachloroethane	12.45	117	165559	71.412	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	13.01	75	2176	1.852	ug/l #	1
95) Naphthalene	13.82	128	11094773	740.552	ug/l	95

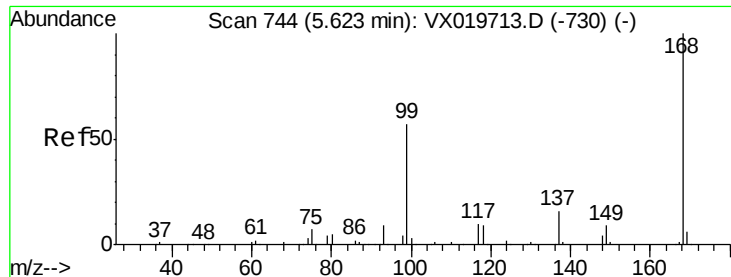
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019991.D

Acq: 14 Dec 2020 17:02

Instrument :

MSVOA_X

ClientSampled :

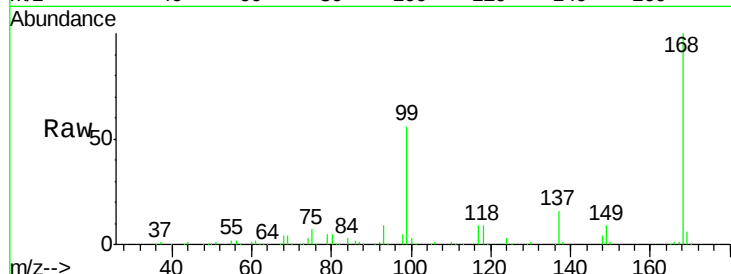
28-30

Tgt Ion:168 Resp: 314839

Ion Ratio Lower Upper

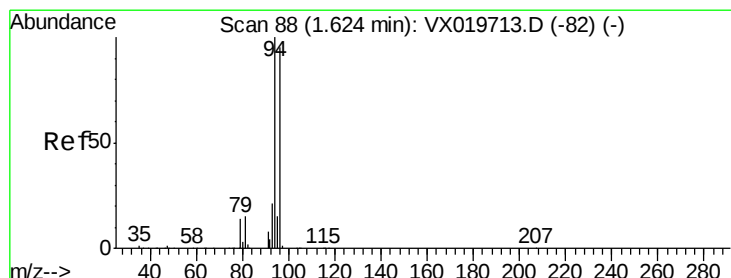
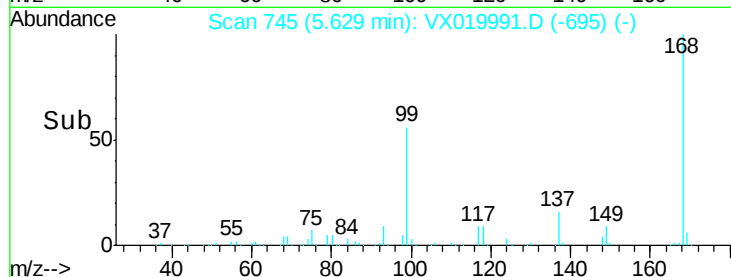
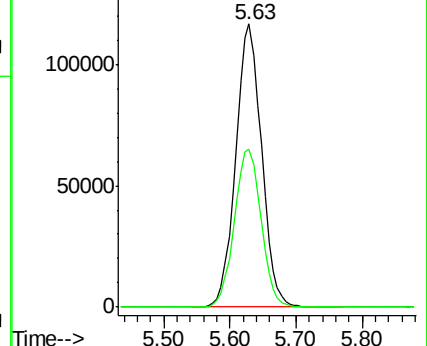
168 100

99 55.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.262 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX019991.D

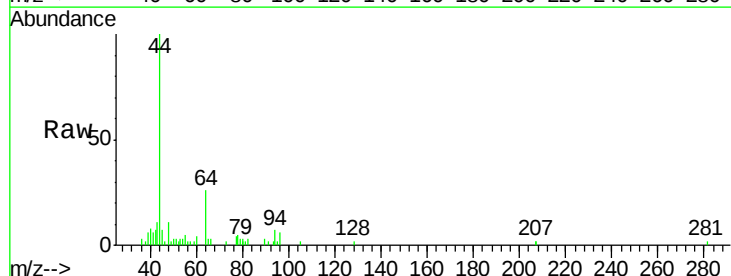
Acq: 14 Dec 2020 17:02

Tgt Ion: 94 Resp: 311

Ion Ratio Lower Upper

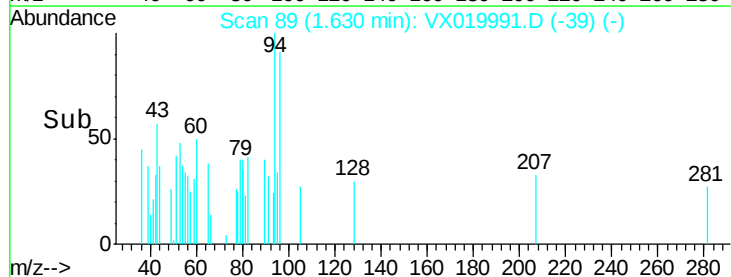
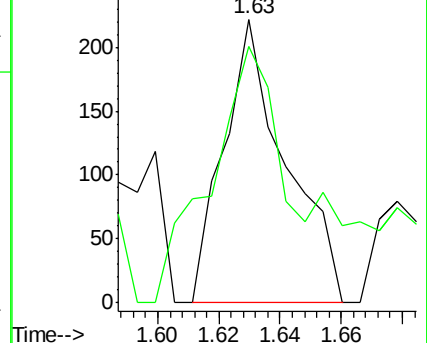
94 100

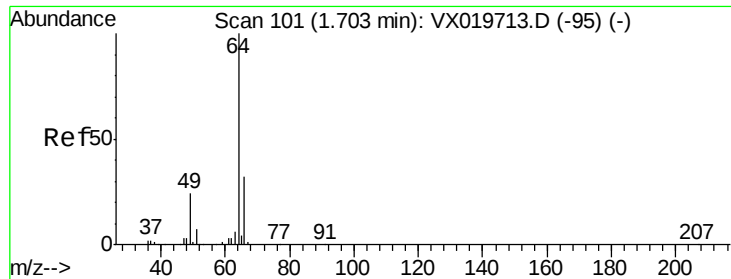
96 63.5 76.4 114.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.213 ug/l

RT: 1.73 min Scan# 106

Delta R.T. 0.03 min

Lab File: VX019991.D

Acq: 14 Dec 2020 17:02

Instrument :

MSVOA_X

ClientSampled :

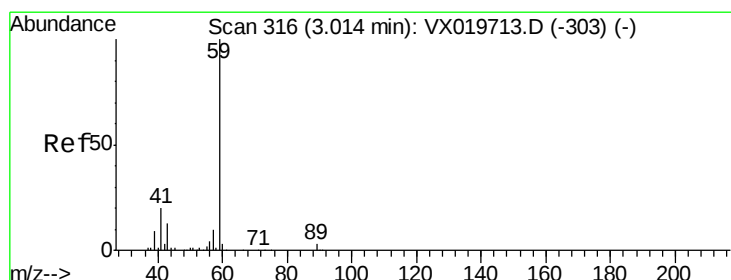
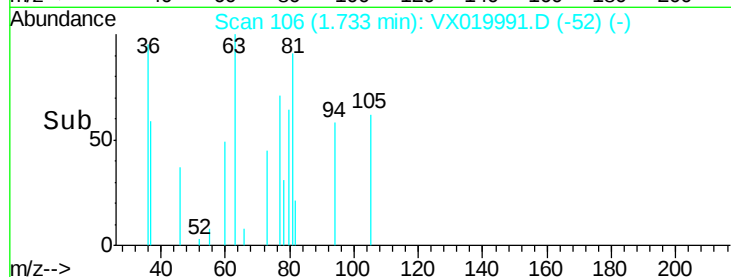
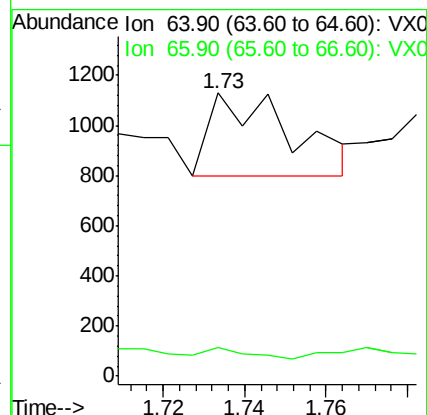
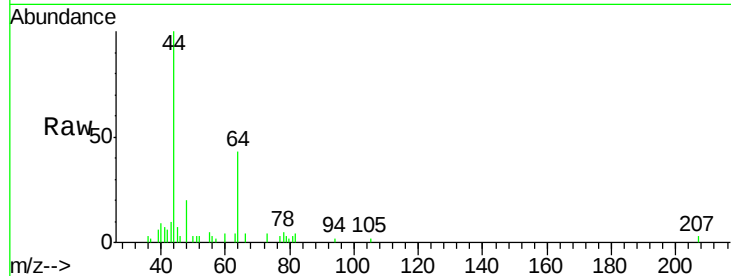
28-30

Tgt Ion: 64 Resp: 458

Ion Ratio Lower Upper

64 100

66 10.3 25.4 38.0#



#11

Tert butyl alcohol

Concen: 8.836 ug/l

RT: 3.00 min Scan# 313

Delta R.T. -0.02 min

Lab File: VX019991.D

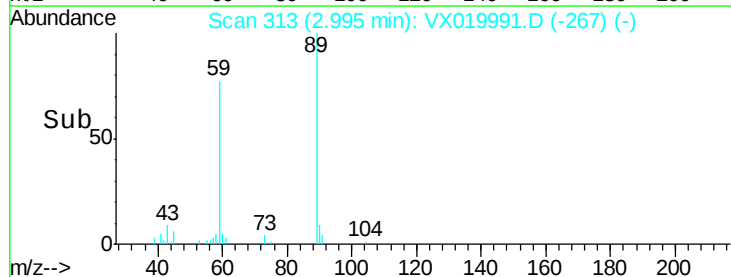
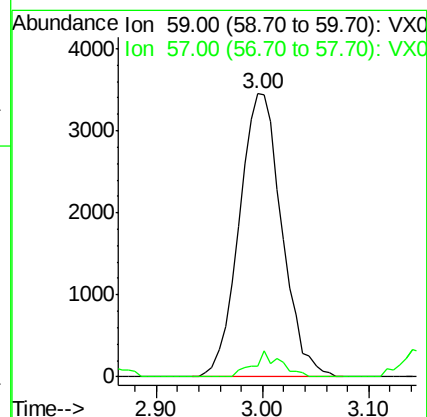
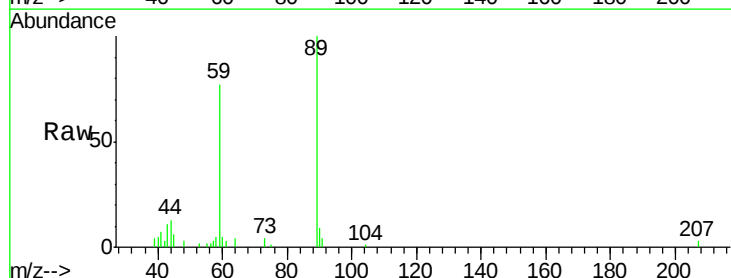
Acq: 14 Dec 2020 17:02

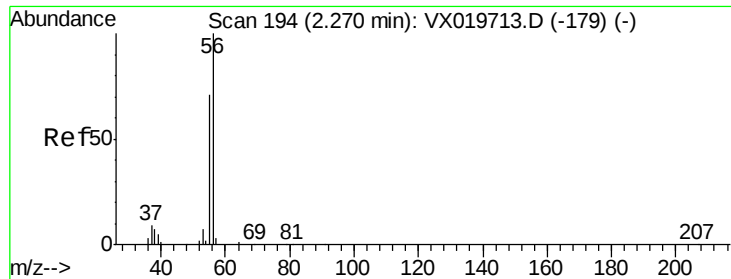
Tgt Ion: 59 Resp: 9661

Ion Ratio Lower Upper

59 100

57 5.9 7.8 11.8#





#13

Acrolein

Concen: 2.507 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019991.D

Acq: 14 Dec 2020 17:02

Instrument :

MSVOA_X

ClientSampled :

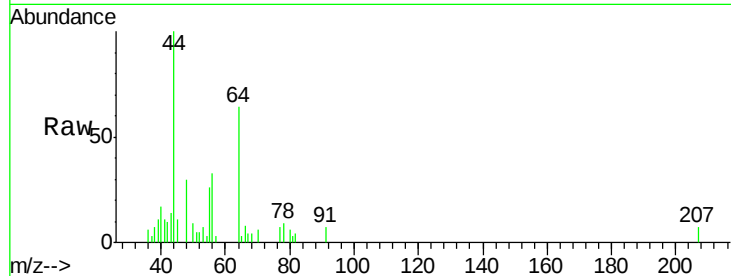
28-30

Tgt Ion: 56 Resp: 1145

Ion Ratio Lower Upper

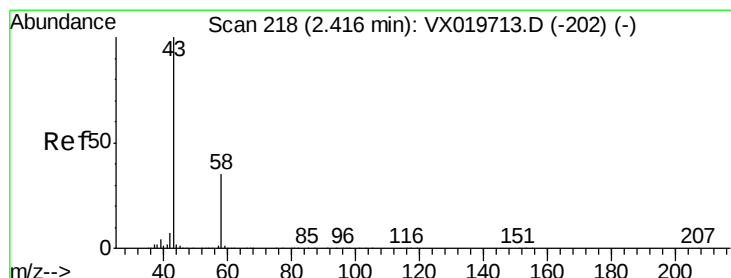
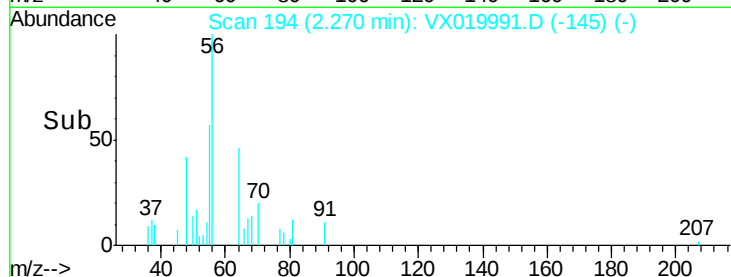
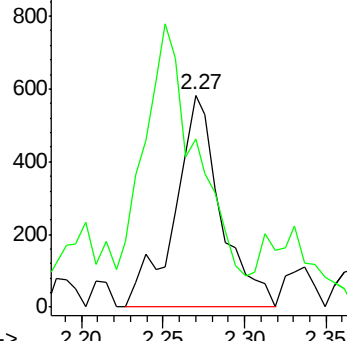
56 100

55 145.4 56.4 84.6#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 71.298 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019991.D

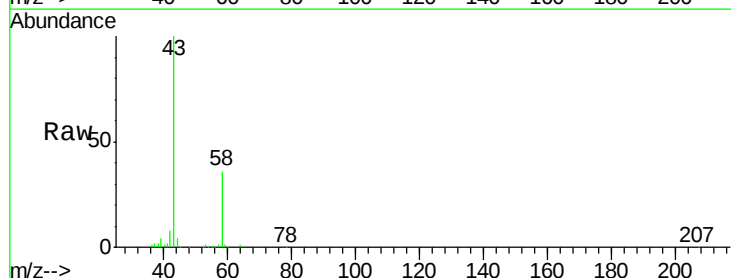
Acq: 14 Dec 2020 17:02

Tgt Ion: 43 Resp: 110892

Ion Ratio Lower Upper

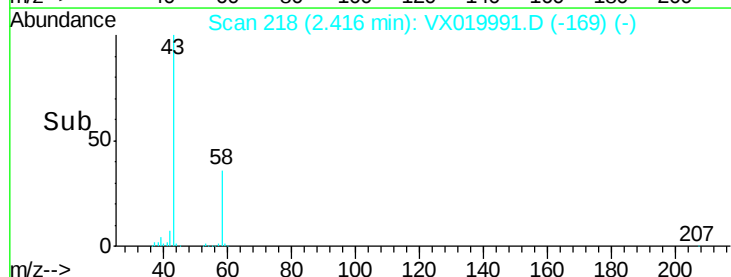
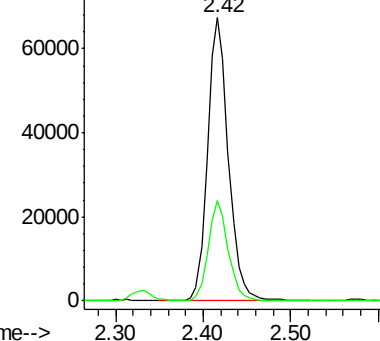
43 100

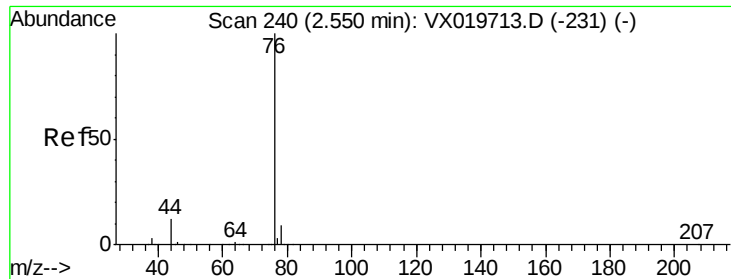
58 35.5 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.262 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019991.D

Acq: 14 Dec 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

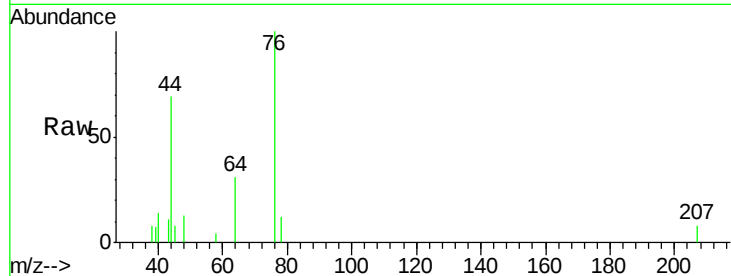
28-30

Tgt Ion: 76 Resp: 2168

Ion Ratio Lower Upper

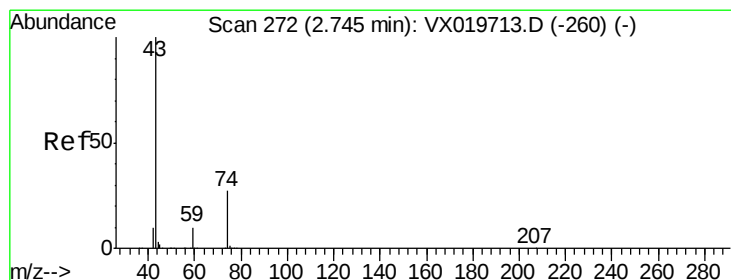
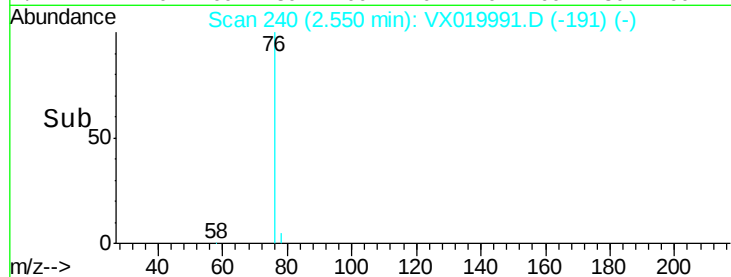
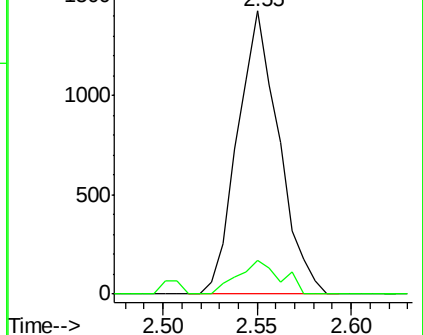
76 100

78 11.7 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.517 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX019991.D

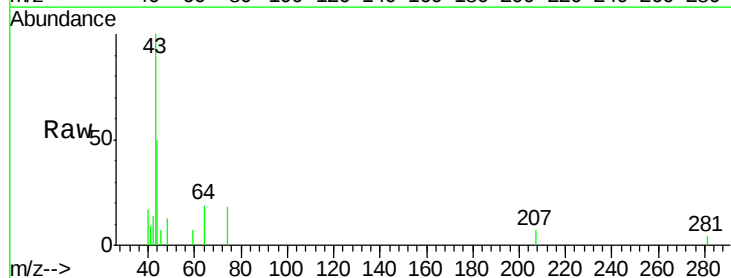
Acq: 14 Dec 2020 17:02

Tgt Ion: 43 Resp: 1967

Ion Ratio Lower Upper

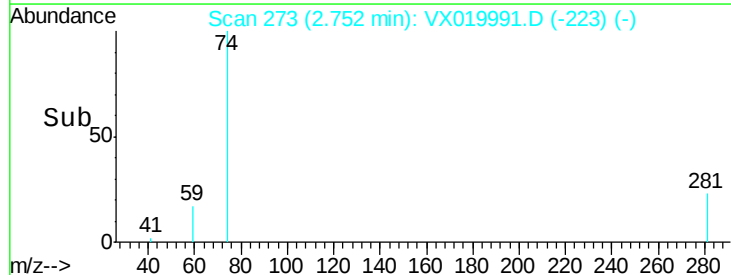
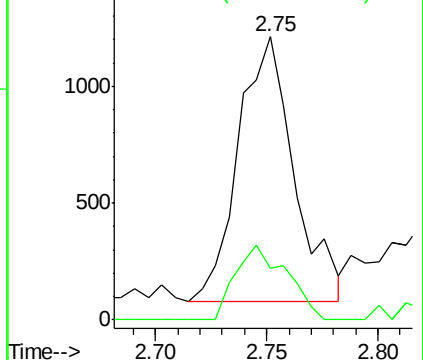
43 100

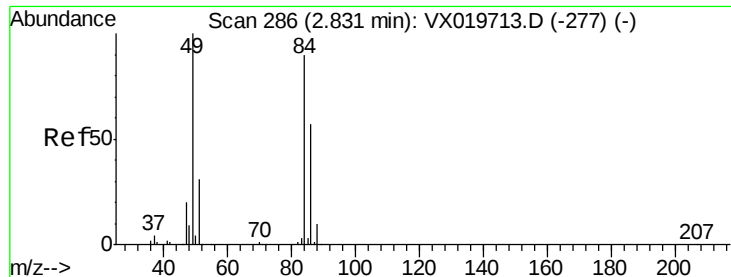
74 26.0 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

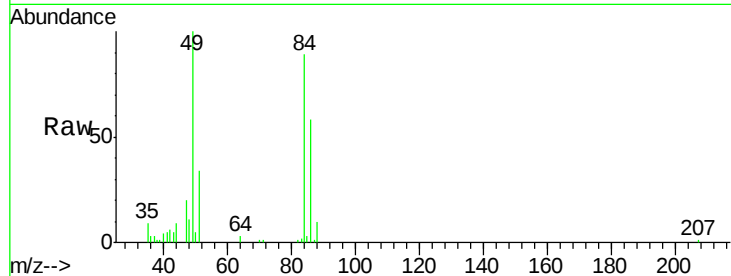




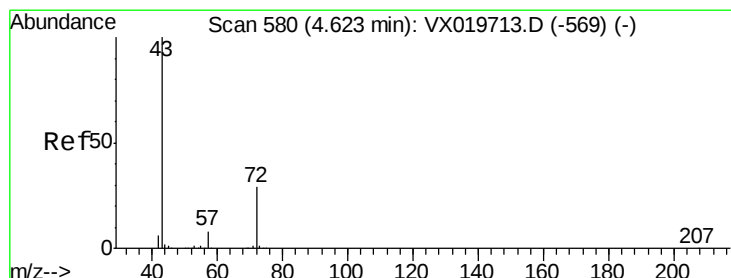
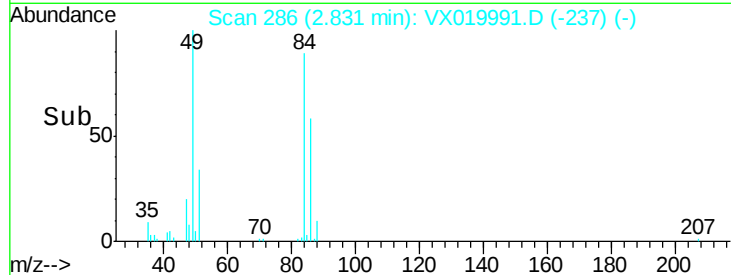
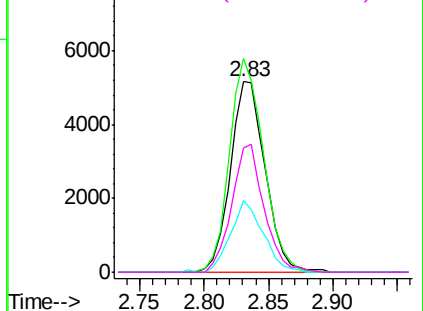
#20
Methylene Chloride
Concen: 1.346 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019991.D
Acq: 14 Dec 2020 17:02

Instrument :
MSVOA_X
ClientSampled :
28-30

Tgt Ion: 84 Resp: 9695
Ion Ratio Lower Upper
84 100
49 112.2 88.6 132.8
51 37.8 27.0 40.6
86 65.0 50.3 75.5

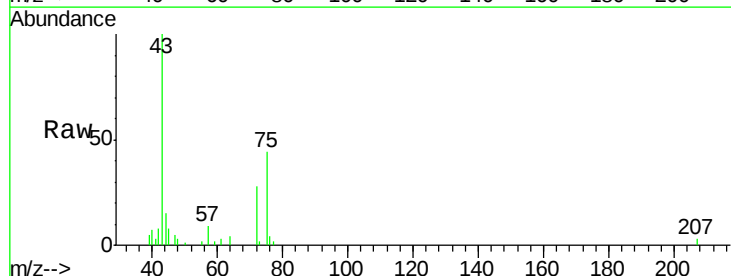


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

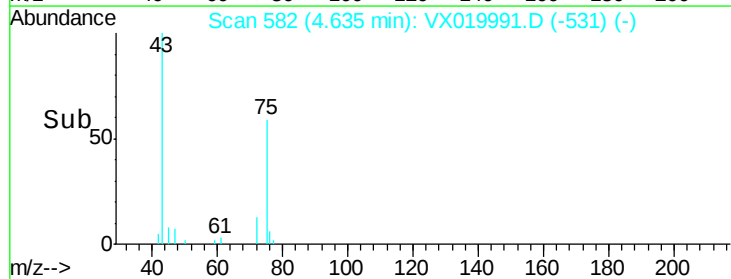
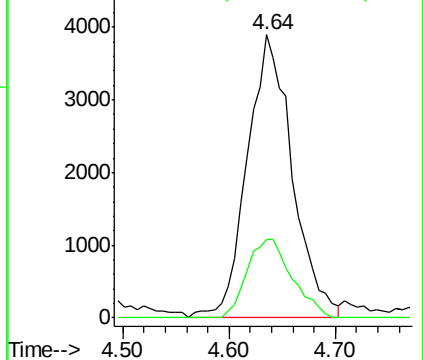


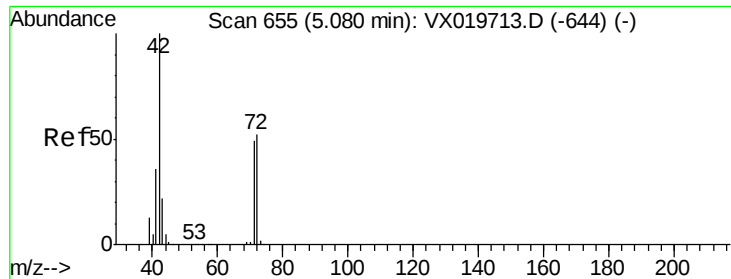
#25
2-Butanone
Concen: 4.829 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX019991.D
Acq: 14 Dec 2020 17:02

Tgt Ion: 43 Resp: 11541
Ion Ratio Lower Upper
43 100
72 27.8 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0

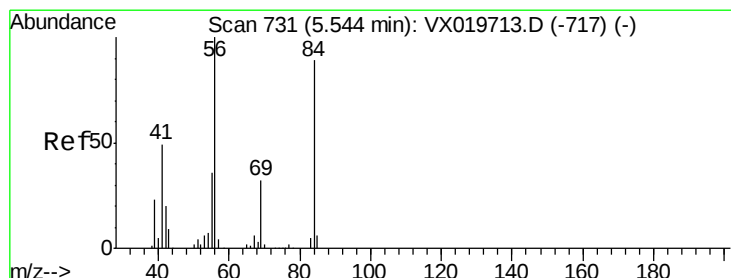
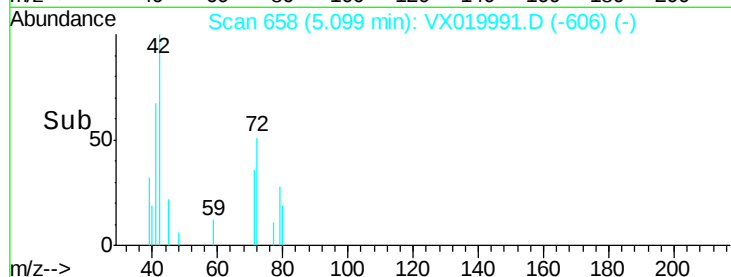
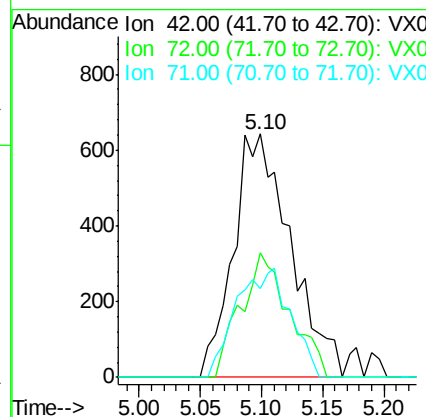
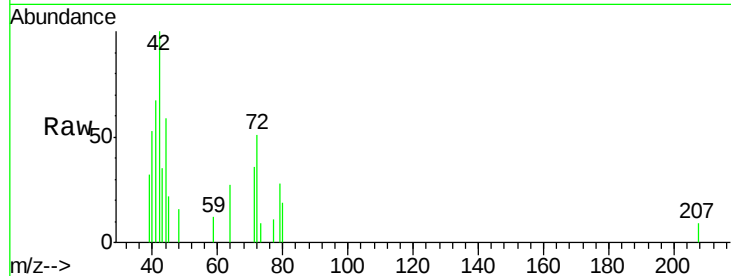




#29
Tetrahydrofuran
Concen: 1.357 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.02 min
Lab File: VX019991.D
Acq: 14 Dec 2020 17:02

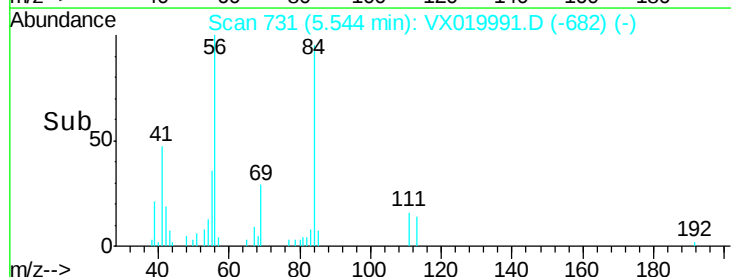
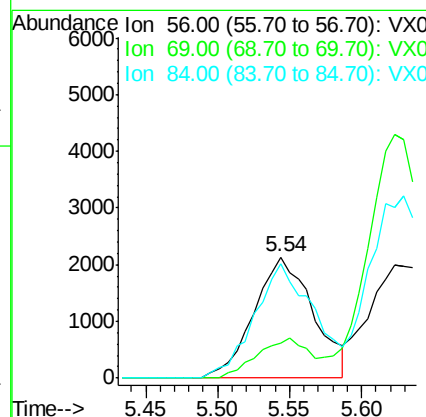
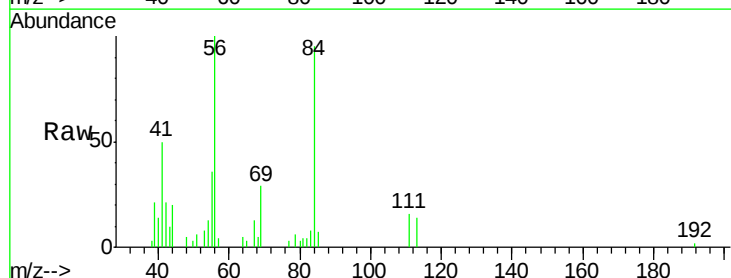
Instrument :
MSVOA_X
ClientSampled :
28-30

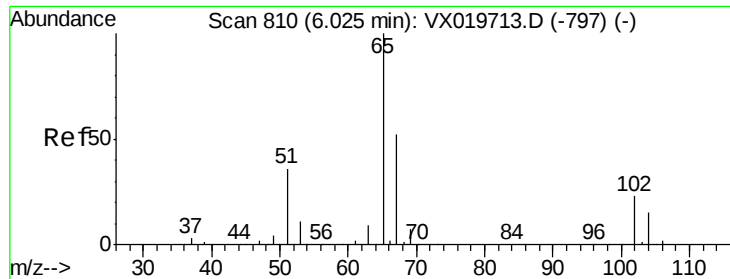
Tgt Ion: 42 Resp: 2090
Ion Ratio Lower Upper
42 100
72 43.5 41.7 62.5
71 42.4 38.4 57.6



#31
Cyclohexane
Concen: 1.186 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.00 min
Lab File: VX019991.D
Acq: 14 Dec 2020 17:02

Tgt Ion: 56 Resp: 6104
Ion Ratio Lower Upper
56 100
69 28.7 25.3 37.9
84 94.7 71.4 107.0

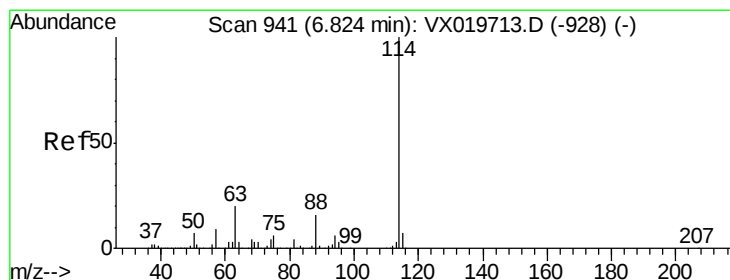
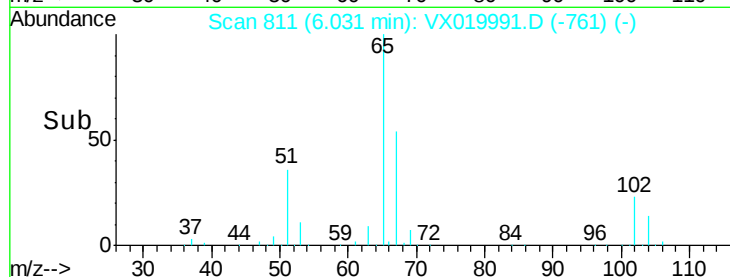
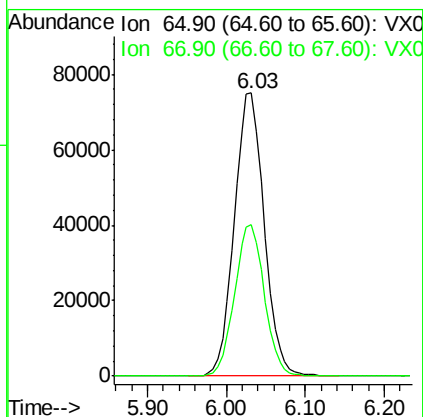
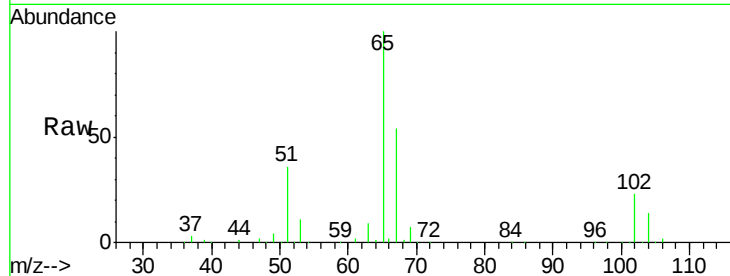




#33
 1,2-Dichloroethane-d4
 Concen: 47.824 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: VX019991.D
 Acq: 14 Dec 2020 17:02

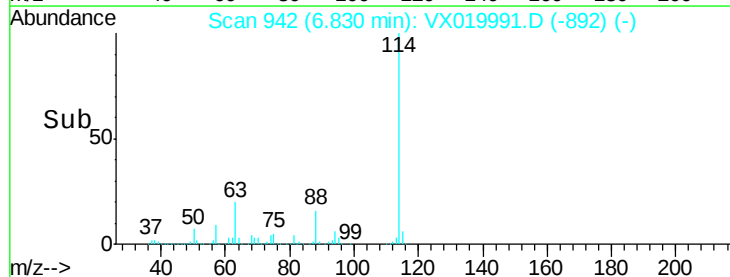
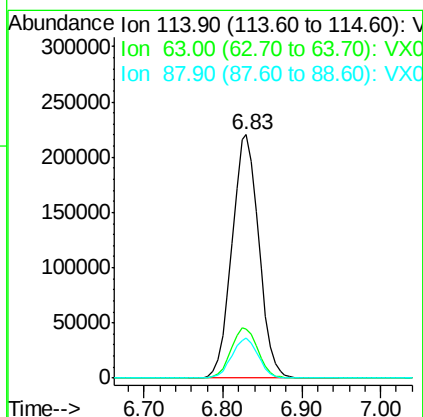
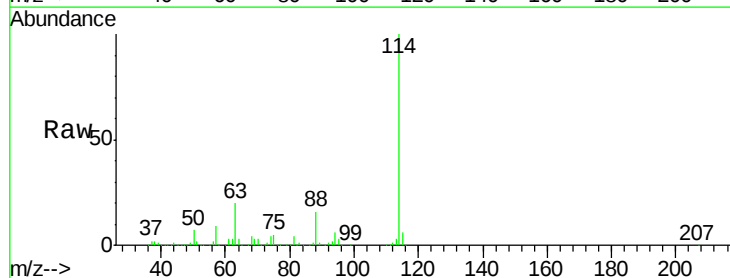
Instrument :
 MSVOA_X
 ClientSampleId :
 28-30

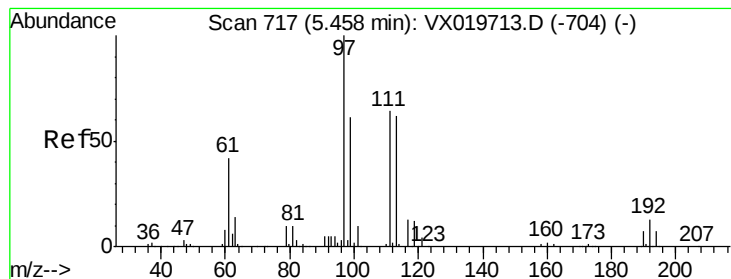
Tgt Ion: 65 Resp: 197890
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019991.D
 Acq: 14 Dec 2020 17:02

Tgt Ion: 114 Resp: 520751
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.903 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019991.D

Acq: 14 Dec 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

28-30

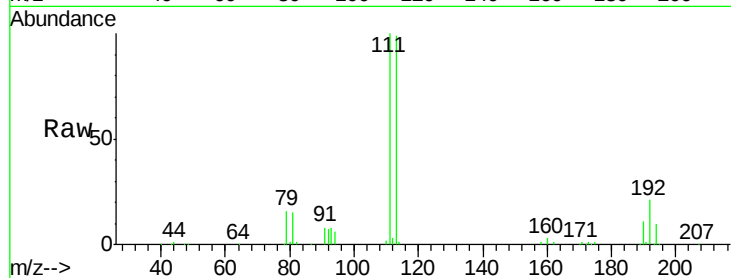
Tgt Ion:113 Resp: 161218

Ion Ratio Lower Upper

113 100

111 102.2 81.9 122.9

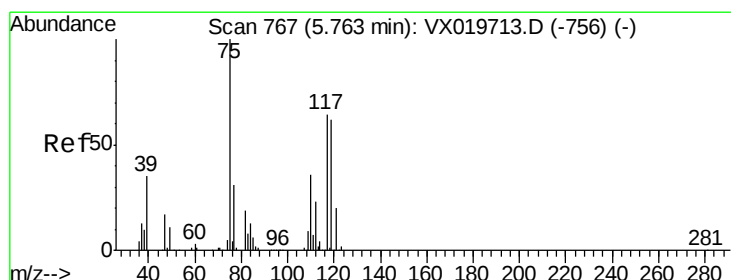
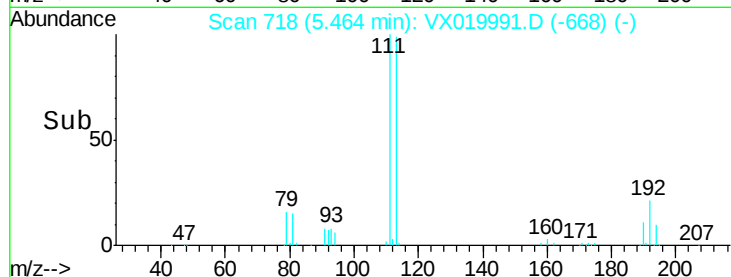
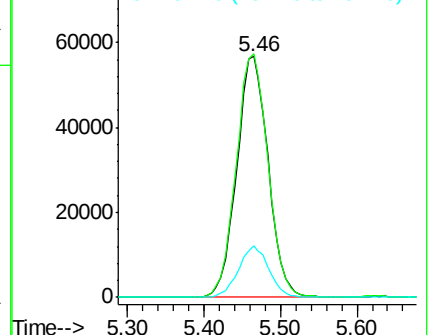
192 20.6 16.7 25.1



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: 5.056 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.14 min

Lab File: VX019991.D

Acq: 14 Dec 2020 17:02

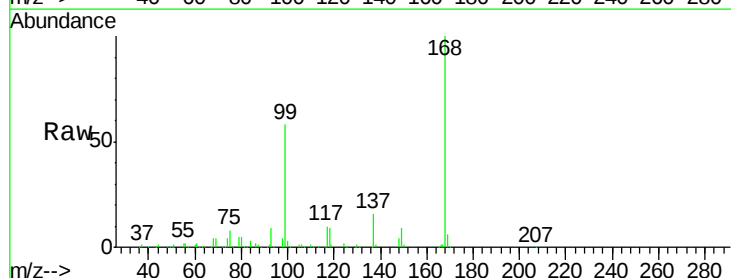
Tgt Ion: 75 Resp: 23791

Ion Ratio Lower Upper

75 100

110 8.4 18.1 54.4#

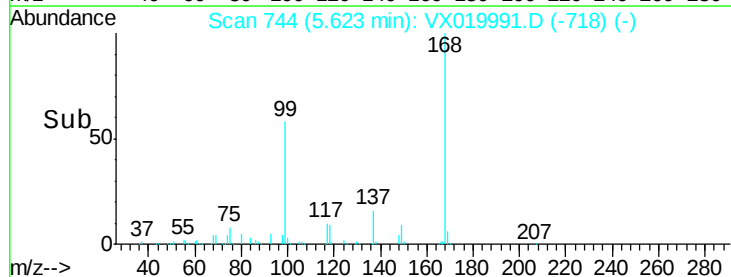
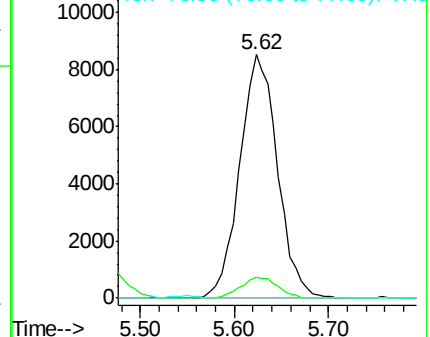
77 0.0 25.3 37.9#

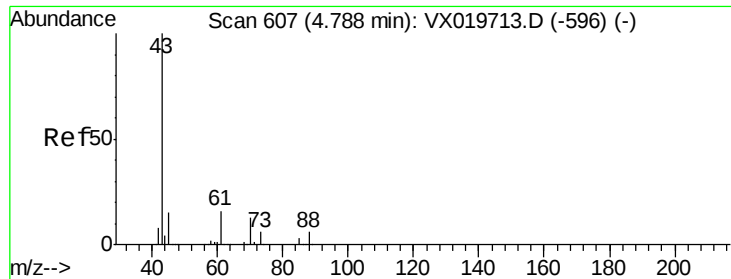


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

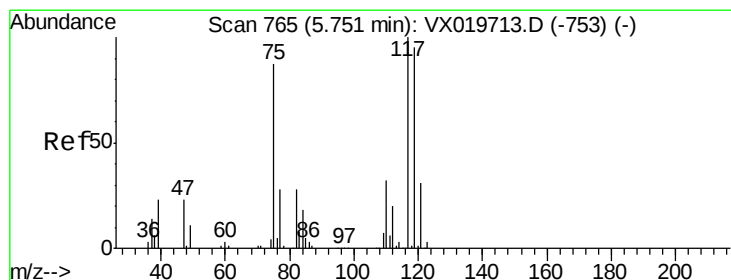
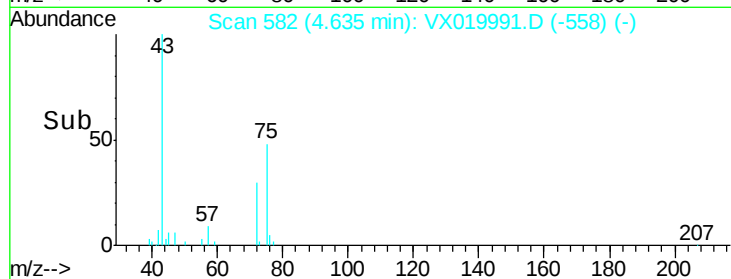
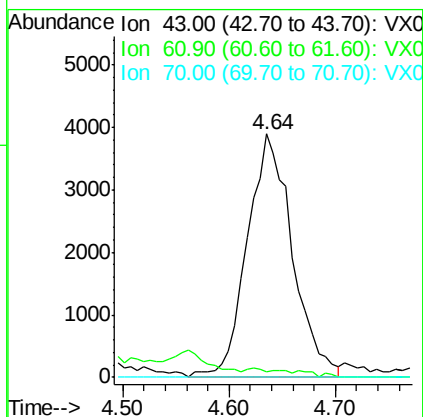
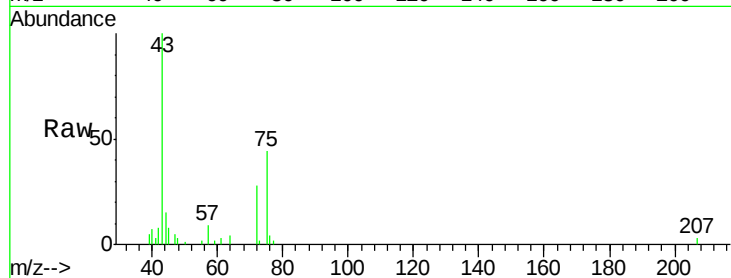




#37
Ethyl Acetate
Concen: 2.429 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.15 min
Lab File: VX019991.D
Acq: 14 Dec 2020 17:02

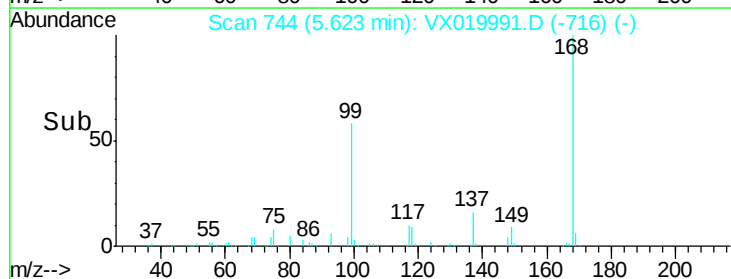
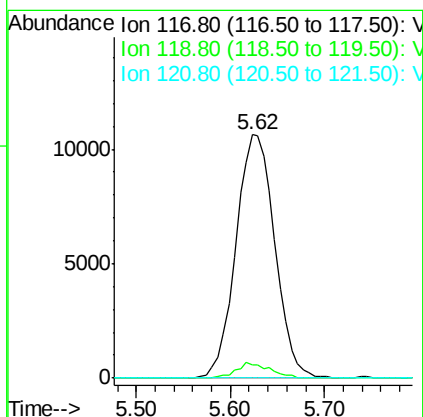
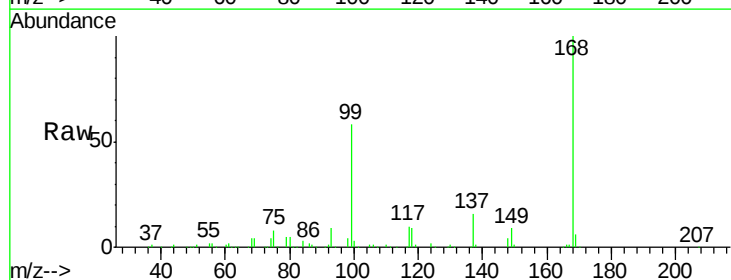
Instrument :
MSVOA_X
ClientSampleId :
28-30

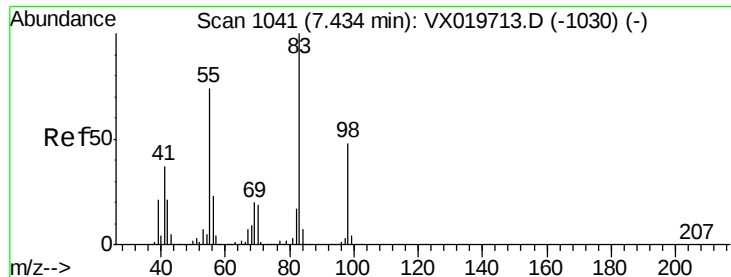
Tgt Ion: 43 Resp: 11541
Ion Ratio Lower Upper
43 100
61 1.0 12.8 19.2#
70 0.0 10.5 15.7#



#38
Carbon Tetrachloride
Concen: 6.659 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.13 min
Lab File: VX019991.D
Acq: 14 Dec 2020 17:02

Tgt Ion: 117 Resp: 30684
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#

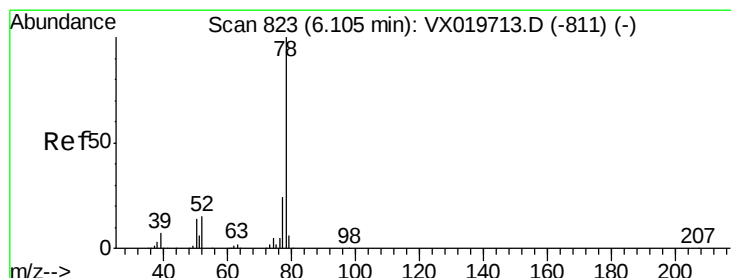
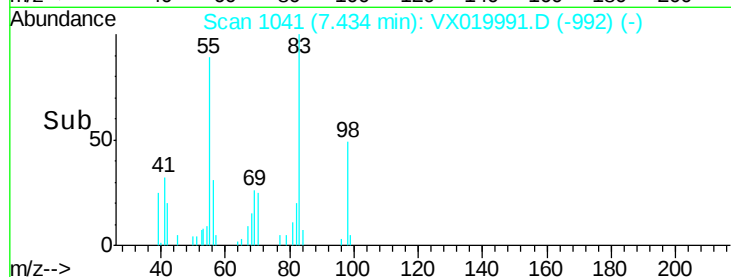
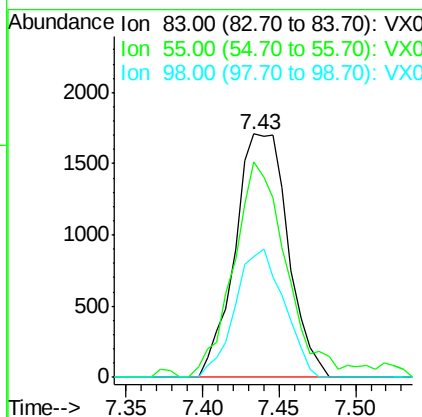
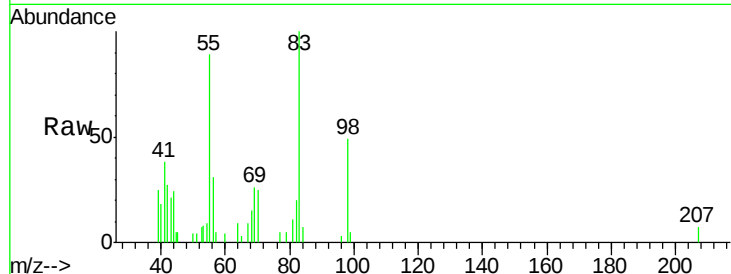




#39
Methylcyclohexane
Concen: 0.747 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VX019991.D
Acq: 14 Dec 2020 17:02

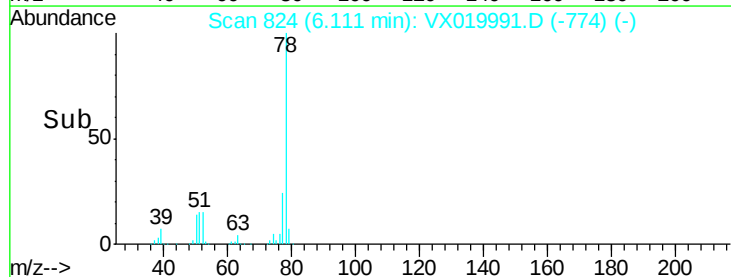
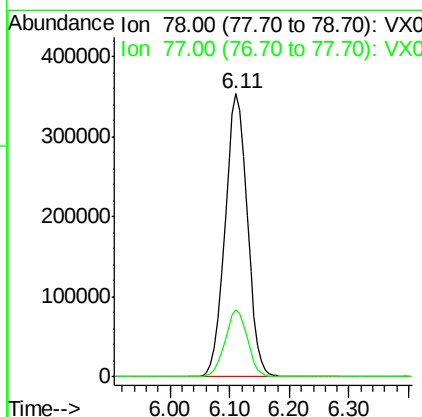
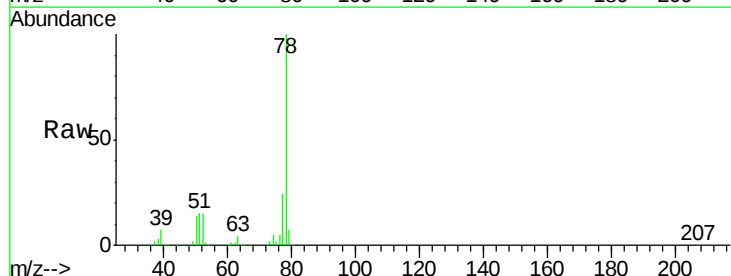
Instrument :
MSVOA_X
ClientSampled :
28-30

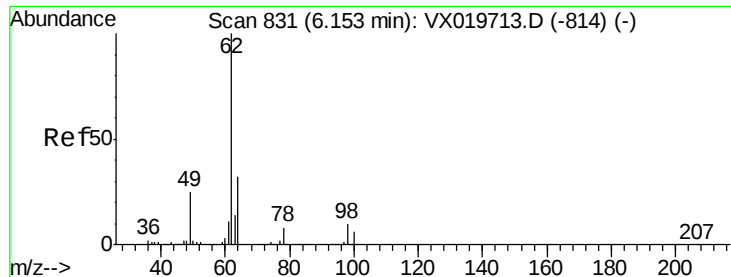
Tgt Ion: 83 Resp: 4129
Ion Ratio Lower Upper
83 100
55 88.6 58.9 88.3#
98 49.5 38.1 57.1



#40
Benzene
Concen: 64.053 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019991.D
Acq: 14 Dec 2020 17:02

Tgt Ion: 78 Resp: 920723
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3





#42

1,2-Dichloroethane

Concen: 1.582 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.04 min

Lab File: VX019991.D

Acq: 14 Dec 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

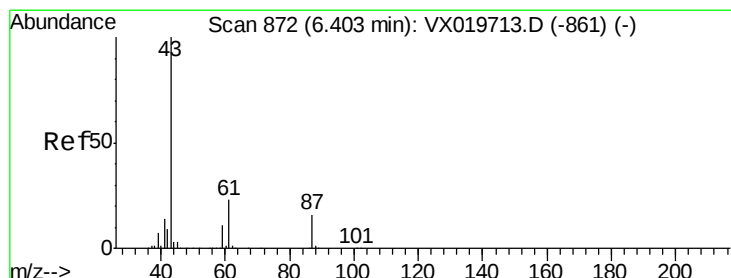
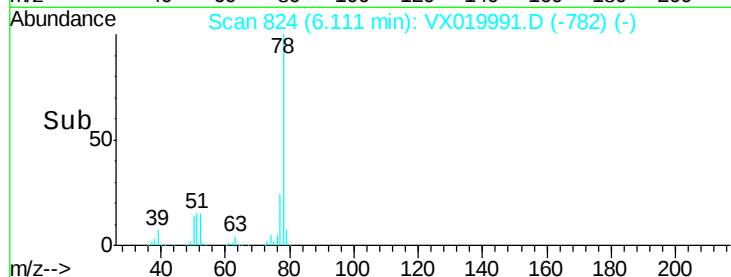
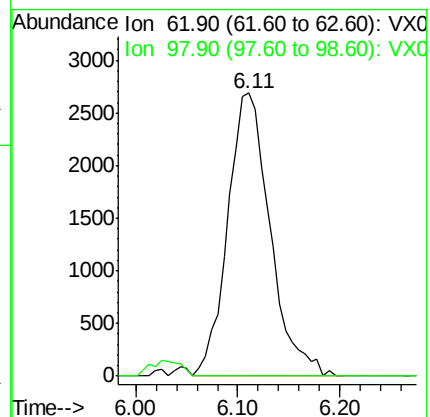
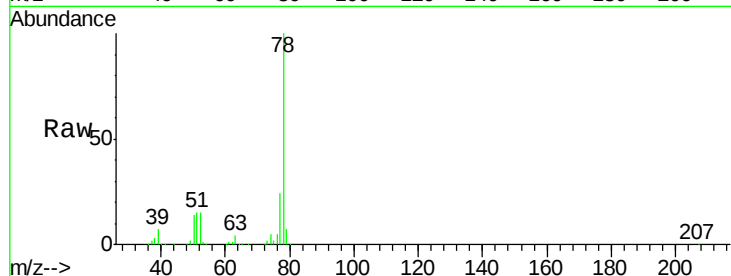
28-30

Tgt Ion: 62 Resp: 7768

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.2



#43

Isopropyl Acetate

Concen: 3.666 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019991.D

Acq: 14 Dec 2020 17:02

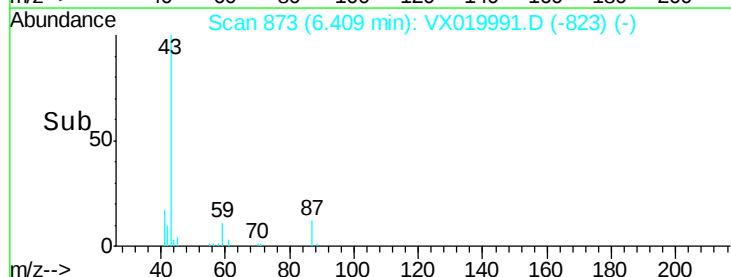
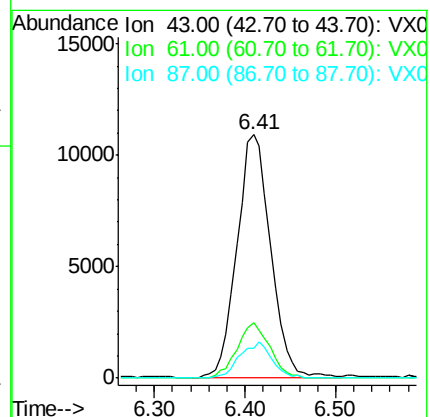
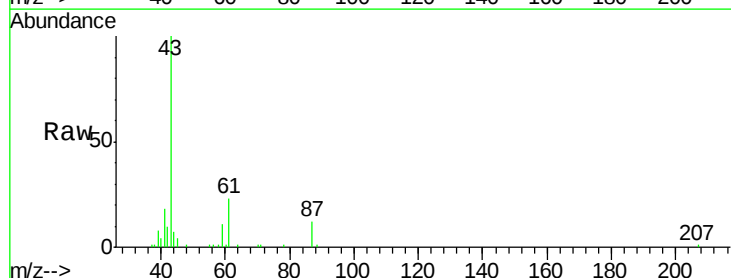
Tgt Ion: 43 Resp: 28316

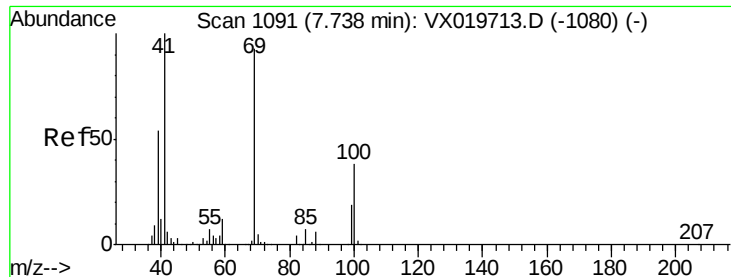
Ion Ratio Lower Upper

43 100

61 21.7 18.2 27.4

87 14.0 12.5 18.7

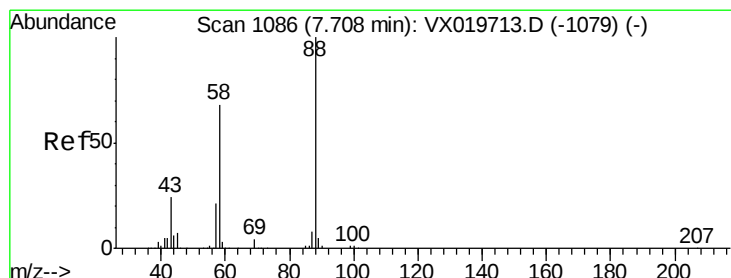
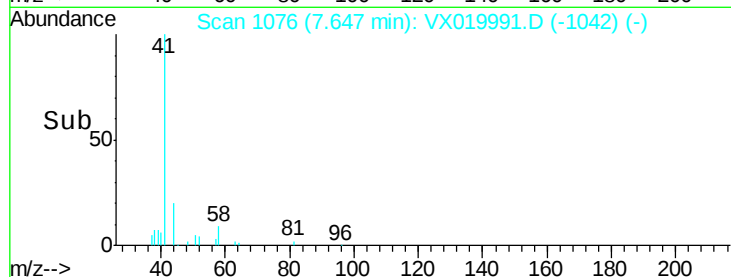
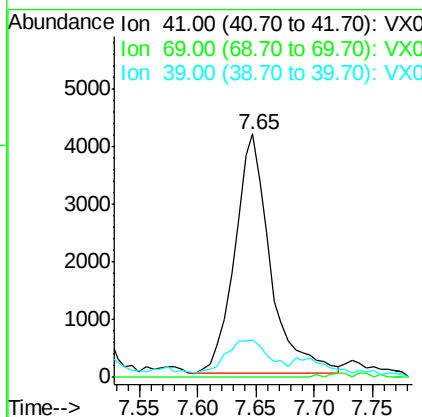
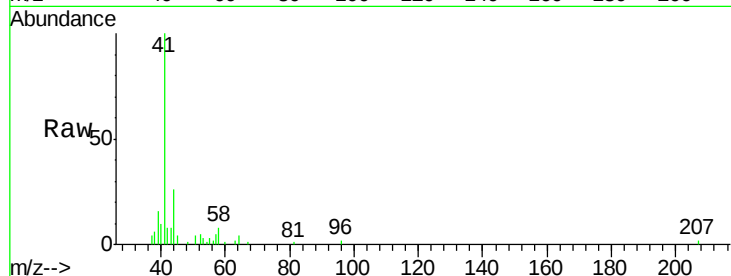




#48
Methyl methacrylate
Concen: 2.314 ug/l
RT: 7.65 min Scan# 1076
Delta R.T. -0.09 min
Lab File: VX019991.D
Acq: 14 Dec 2020 17:02

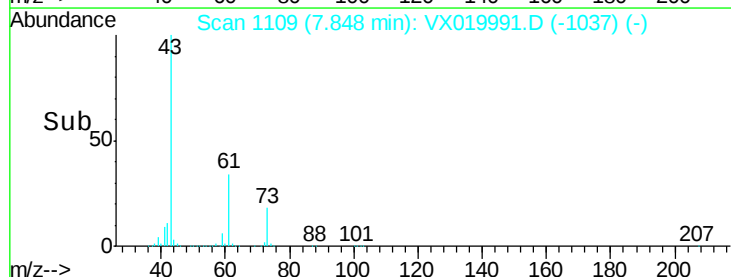
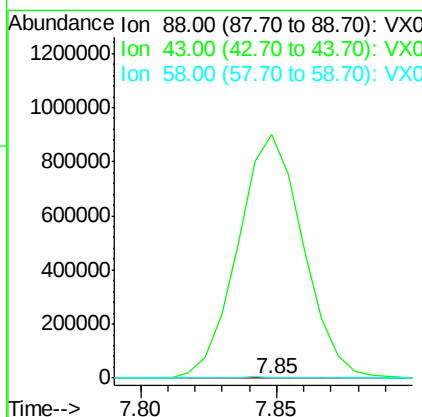
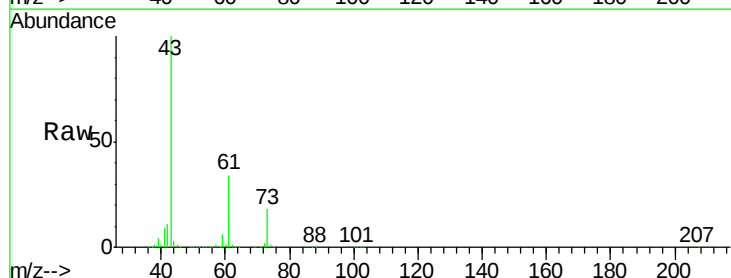
Instrument :
MSVOA_X
ClientSampled :
28-30

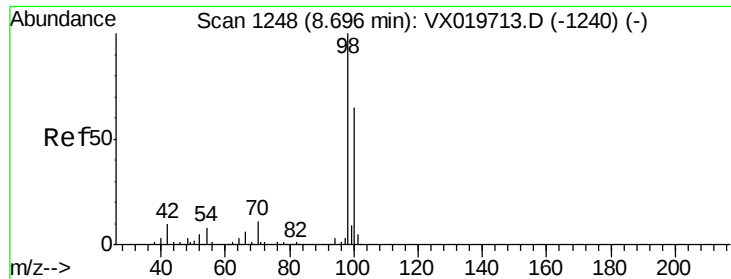
Tgt Ion: 41 Resp: 8791
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 2.793 ug/l
RT: 7.85 min Scan# 1109
Delta R.T. 0.14 min
Lab File: VX019991.D
Acq: 14 Dec 2020 17:02

Tgt Ion: 88 Resp: 257
Ion Ratio Lower Upper
88 100
43 585225.3 23.2 34.8#
58 2890.7 55.0 82.4#

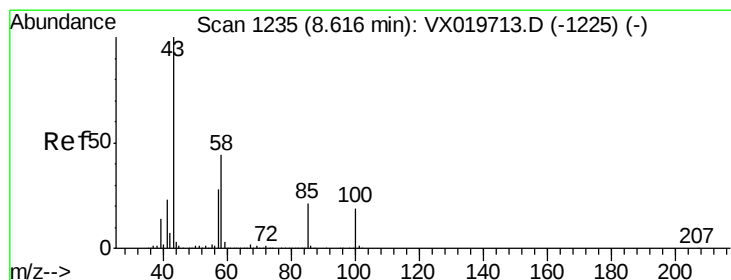
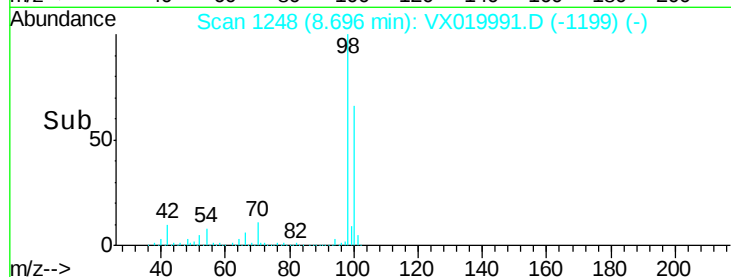
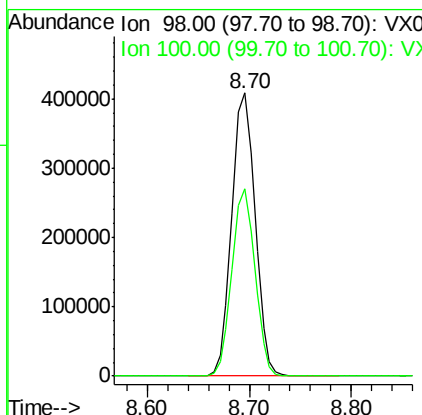
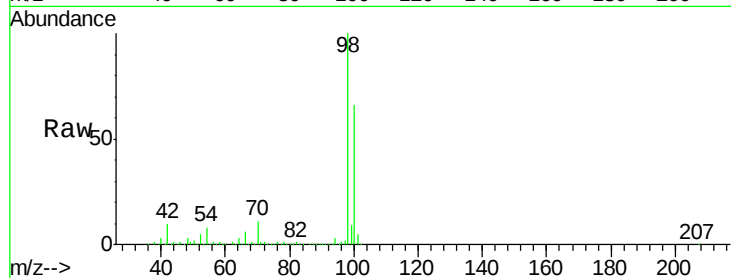




#50
Toluene-d8
Concen: 50.258 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019991.D
Acq: 14 Dec 2020 17:02

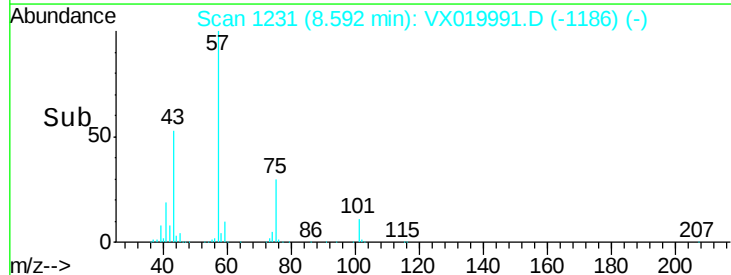
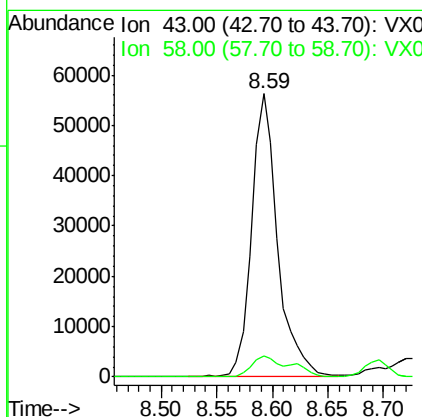
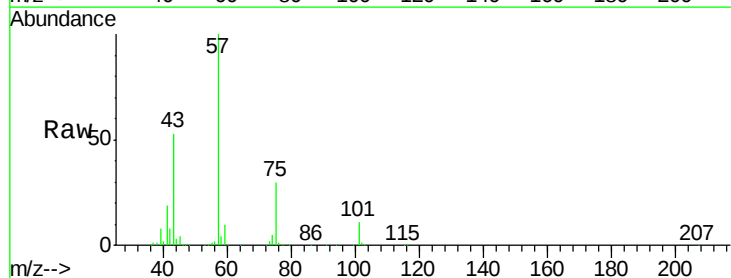
Instrument :
MSVOA_X
ClientSampleId :
28-30

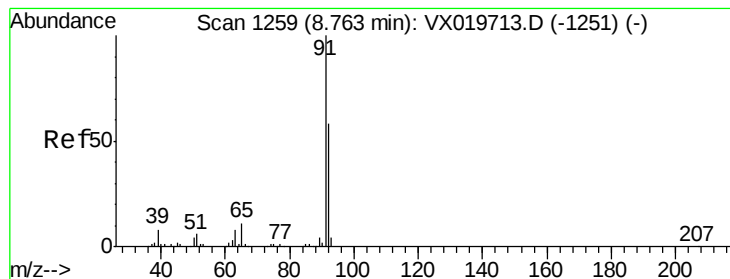
Tgt Ion: 98 Resp: 645751
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 19.278 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VX019991.D
Acq: 14 Dec 2020 17:02

Tgt Ion: 43 Resp: 90913
Ion Ratio Lower Upper
43 100
58 11.1 35.4 53.0#





#52

Toluene

Concen: 103.507 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019991.D

Acq: 14 Dec 2020 17:02

Instrument :

MSVOA_X

ClientSampled :

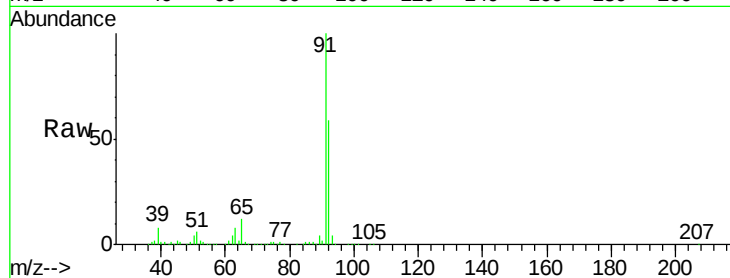
28-30

Tgt Ion: 92 Resp: 930564

Ion Ratio Lower Upper

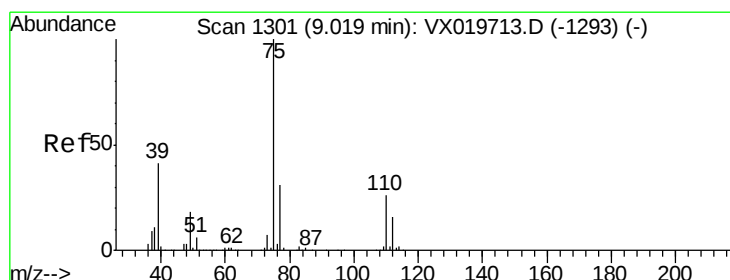
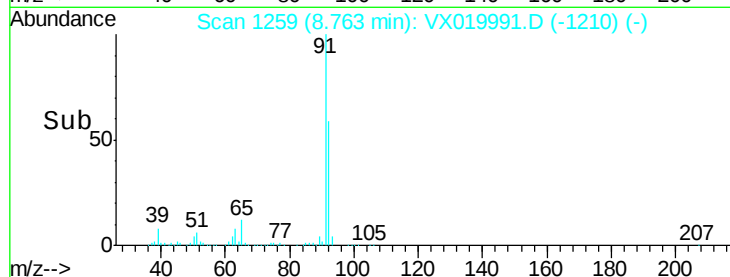
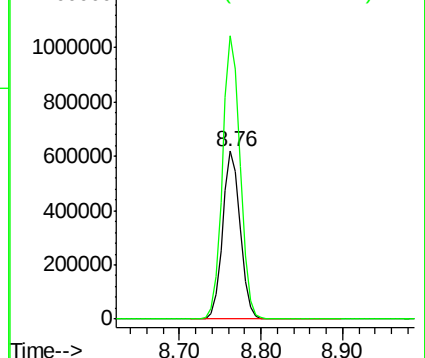
92 100

91 169.6 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 1.935 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.26 min

Lab File: VX019991.D

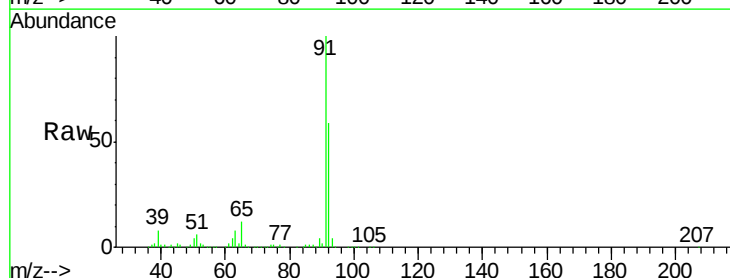
Acq: 14 Dec 2020 17:02

Tgt Ion: 75 Resp: 10338

Ion Ratio Lower Upper

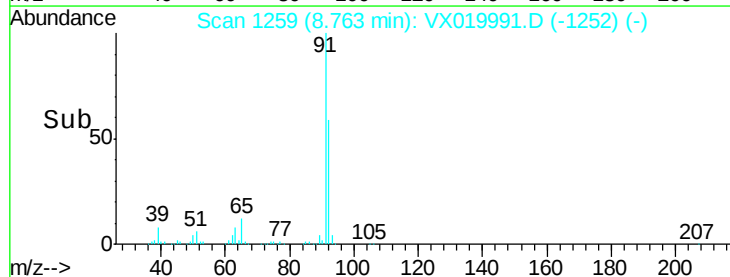
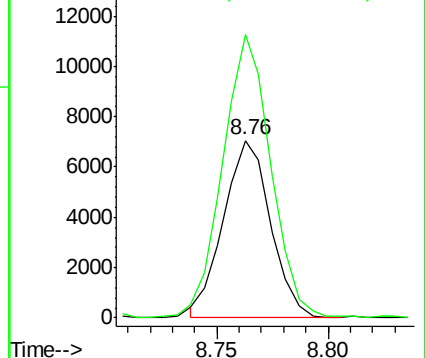
75 100

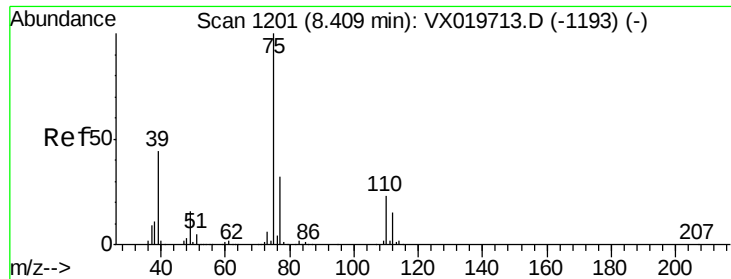
77 158.6 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

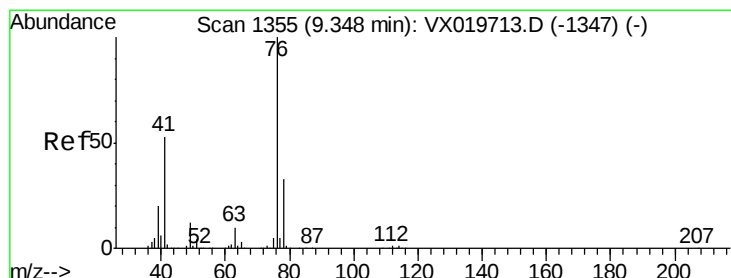
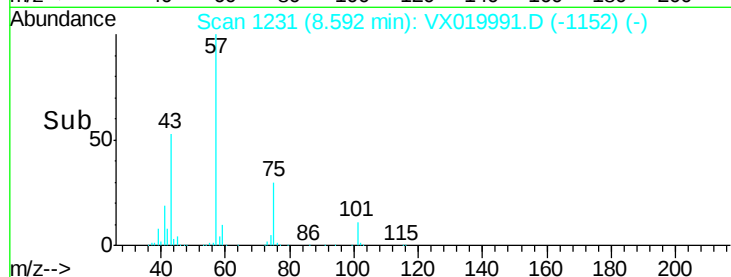
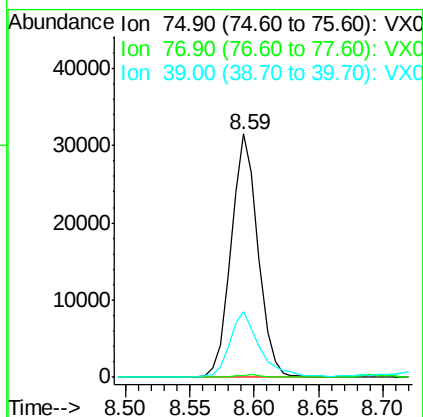
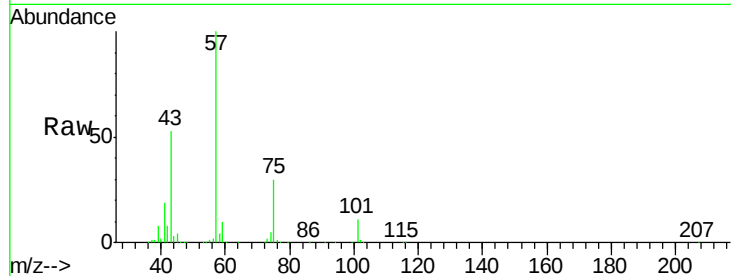




#54
 cis-1,3-Dichloropropene
 Concen: 7.883 ug/l
 RT: 8.59 min Scan# 1231
 Delta R.T. 0.18 min
 Lab File: VX019991.D
 Acq: 14 Dec 2020 17:02

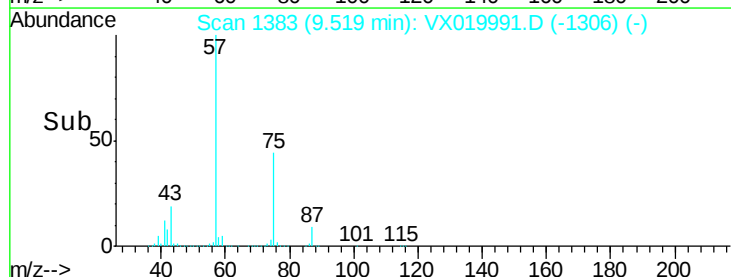
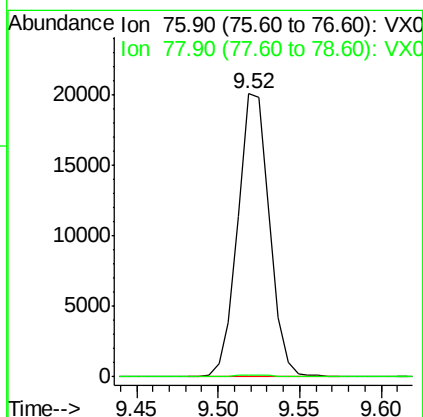
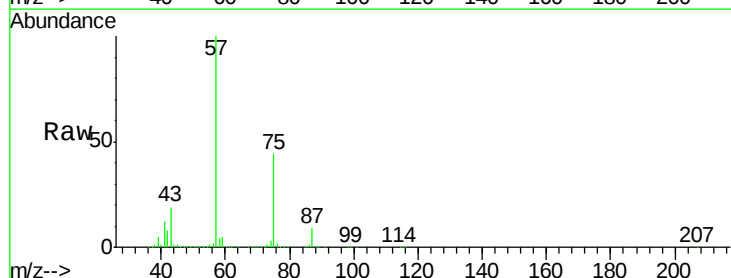
Instrument :
 MSVOA_X
 ClientSampleId :
 28-30

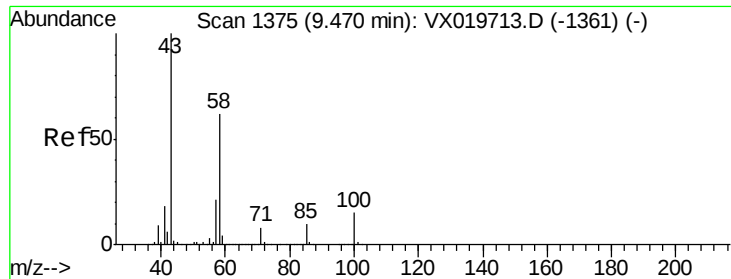
Tgt Ion: 75 Resp: 45750
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.7 38.5#
 39 26.4 35.1 52.7#



#57
 1,3-Dichloropropane
 Concen: 4.394 ug/l
 RT: 9.52 min Scan# 1383
 Delta R.T. 0.17 min
 Lab File: VX019991.D
 Acq: 14 Dec 2020 17:02

Tgt Ion: 76 Resp: 27182
 Ion Ratio Lower Upper
 76 100
 78 0.7 26.2 39.2#

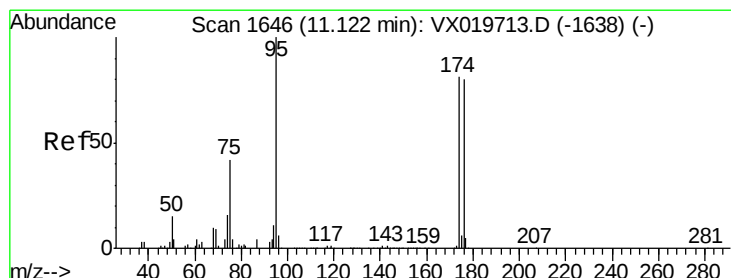
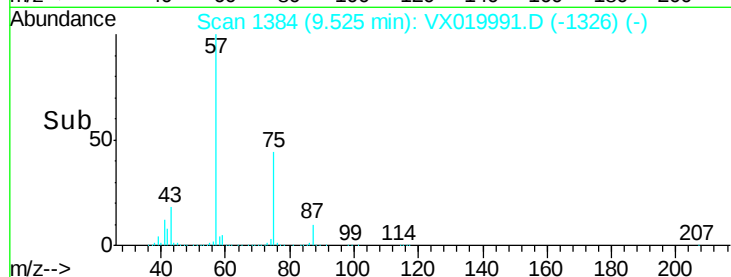
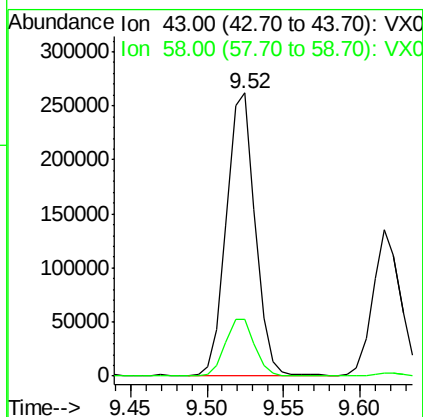
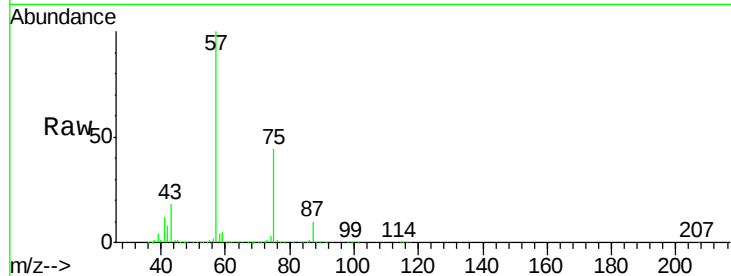




#59
2-Hexanone
Concen: 92.982 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX019991.D
Acq: 14 Dec 2020 17:02

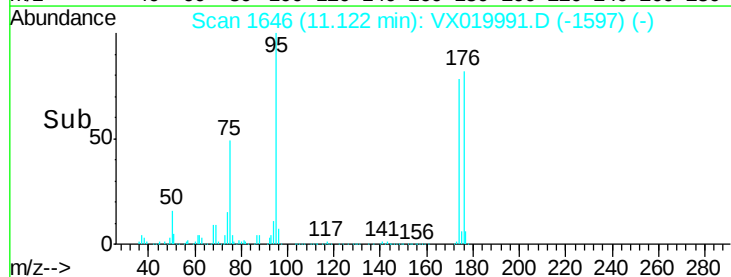
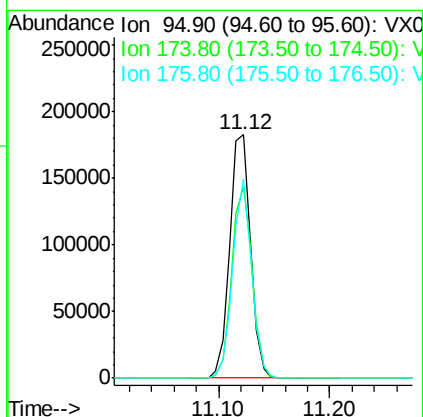
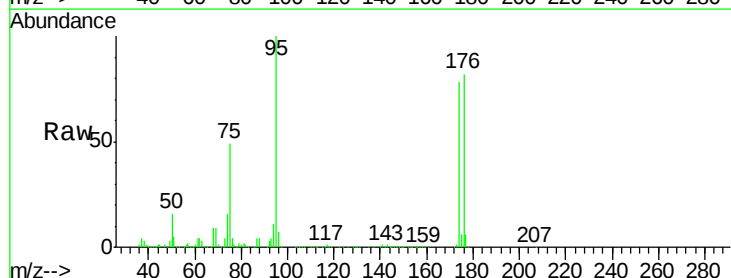
Instrument :
MSVOA_X
ClientSampleId :
28-30

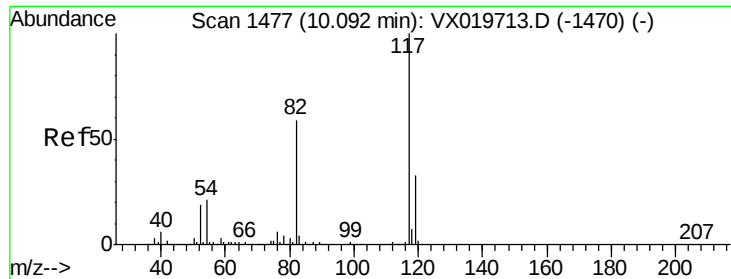
Tgt Ion: 43 Resp: 339901
Ion Ratio Lower Upper
43 100
58 20.7 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 48.338 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019991.D
Acq: 14 Dec 2020 17:02

Tgt Ion: 95 Resp: 236392
Ion Ratio Lower Upper
95 100
174 76.9 0.0 154.6
176 74.5 0.0 155.8

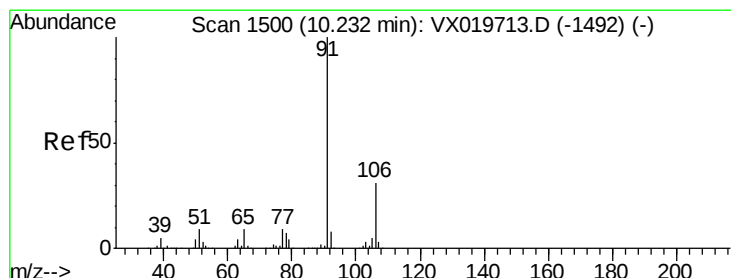
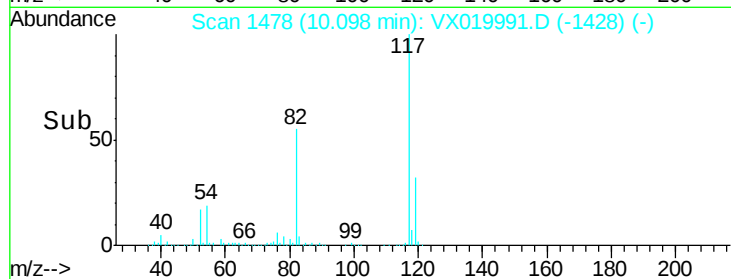
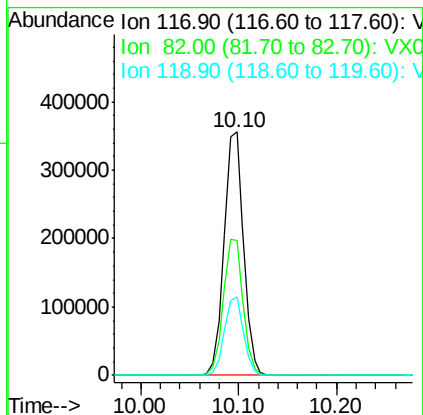
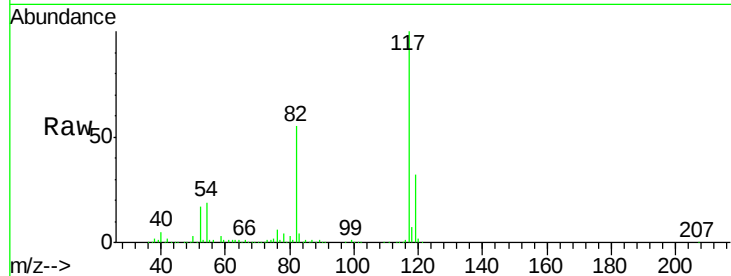




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019991.D
Acq: 14 Dec 2020 17:02

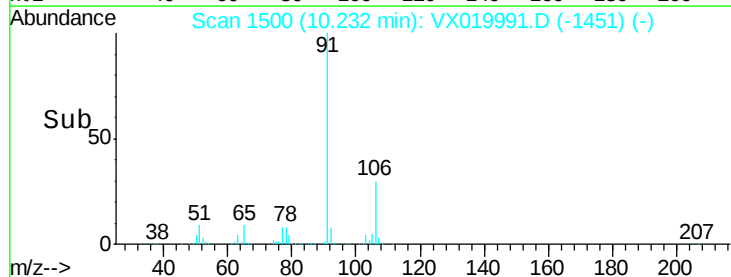
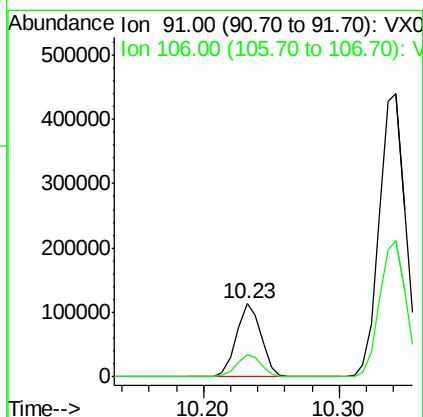
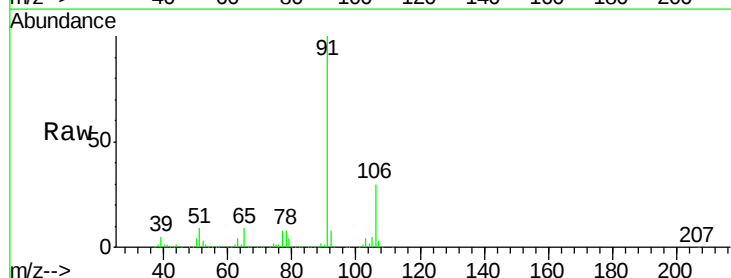
Instrument :
MSVOA_X
ClientSampleId :
28-30

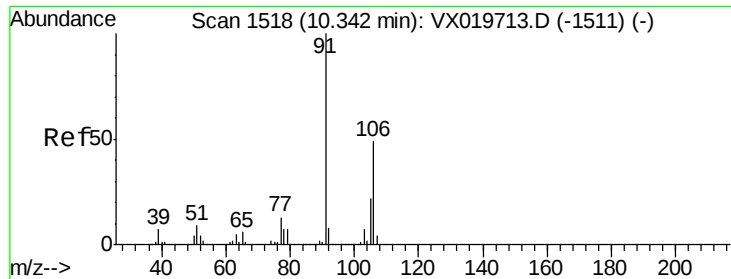
Tgt Ion: 117 Resp: 490111
Ion Ratio Lower Upper
117 100
82 55.2 47.4 71.2
119 32.2 26.6 39.8



#67
Ethyl Benzene
Concen: 8.326 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019991.D
Acq: 14 Dec 2020 17:02

Tgt Ion: 91 Resp: 144315
Ion Ratio Lower Upper
91 100
106 30.0 24.6 37.0

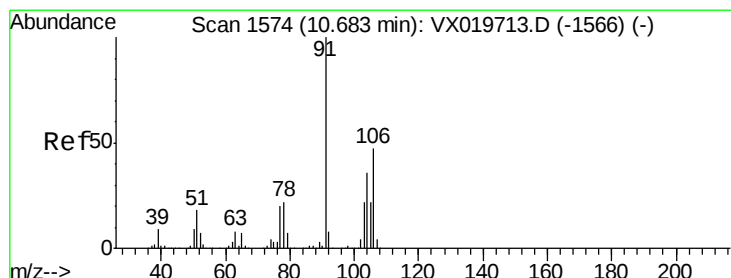
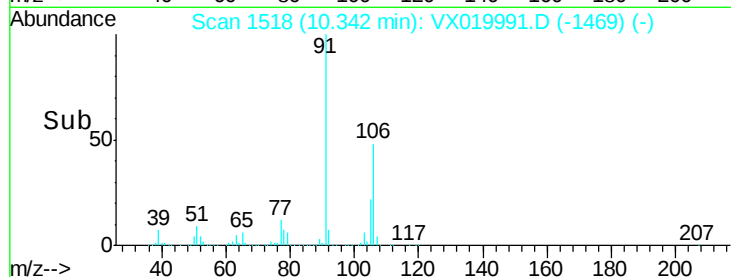
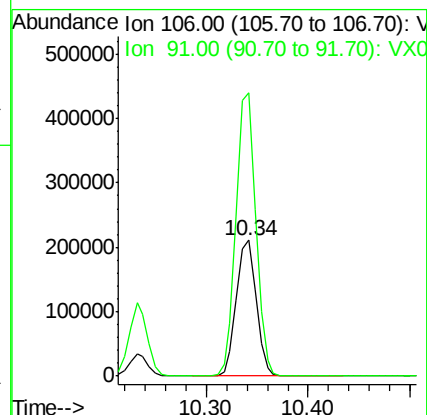
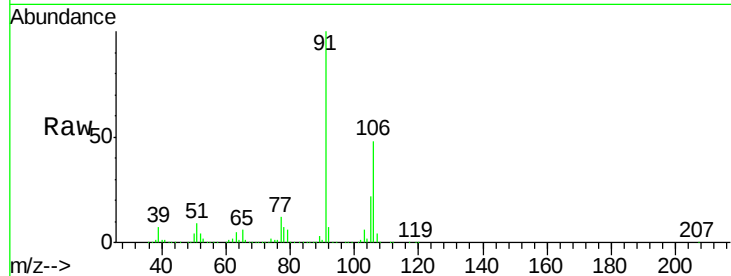




#68
m/p-Xylenes
Concen: 43.315 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019991.D
Acq: 14 Dec 2020 17:02

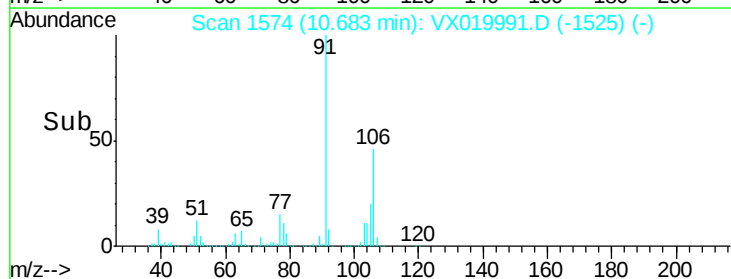
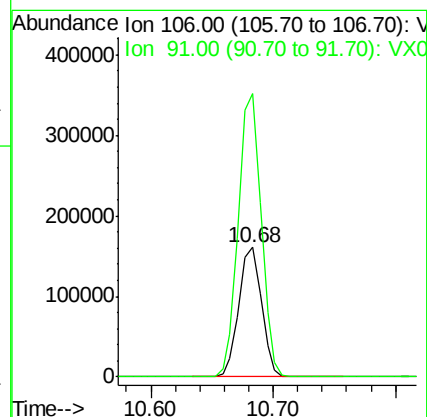
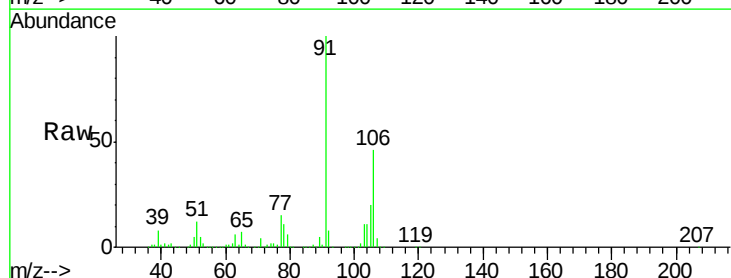
Instrument :
MSVOA_X
ClientSampled :
28-30

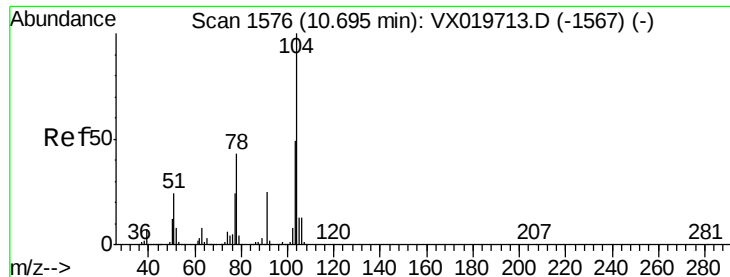
Tgt Ion:106 Resp: 282889
Ion Ratio Lower Upper
106 100
91 208.0 162.8 244.2



#69
o-Xylene
Concen: 32.858 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019991.D
Acq: 14 Dec 2020 17:02

Tgt Ion:106 Resp: 206431
Ion Ratio Lower Upper
106 100
91 219.9 108.1 324.2





#70

Styrene

Concen: 10.922 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX019991.D

Acq: 14 Dec 2020 17:02

Instrument :

MSVOA_X

ClientSampled :

28-30

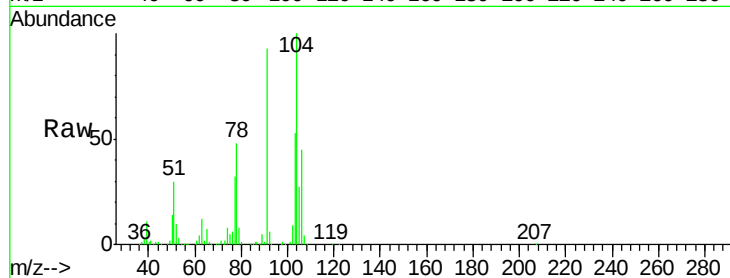
Tgt Ion:104 Resp: 115819

Ion Ratio Lower Upper

104 100

78 64.6 40.0 60.0#

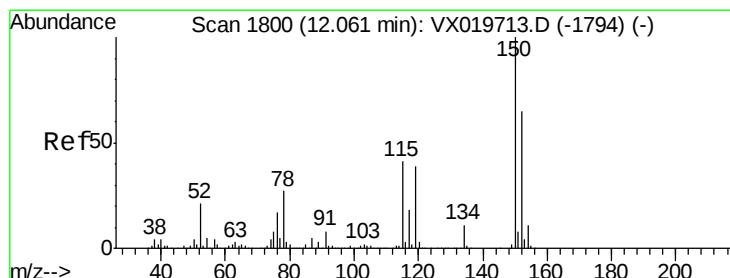
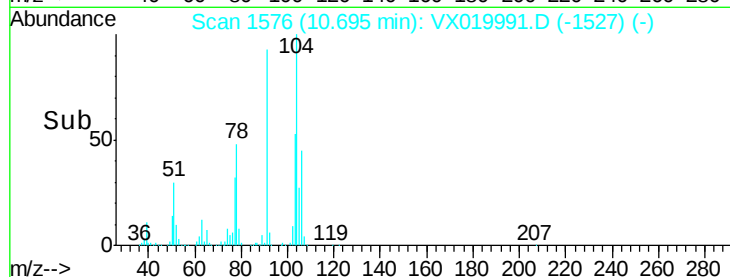
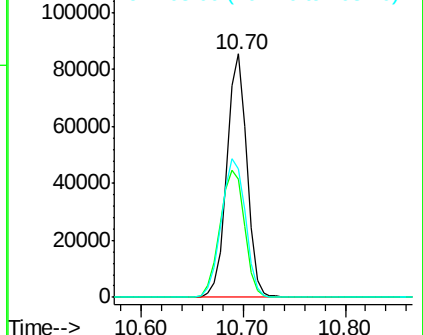
103 68.9 43.4 65.0#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019991.D

Acq: 14 Dec 2020 17:02

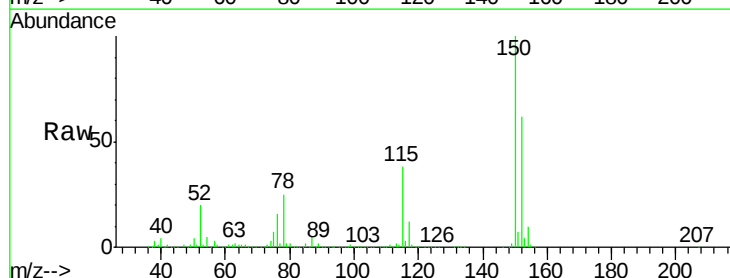
Tgt Ion:152 Resp: 226942

Ion Ratio Lower Upper

152 100

115 61.5 41.1 123.3

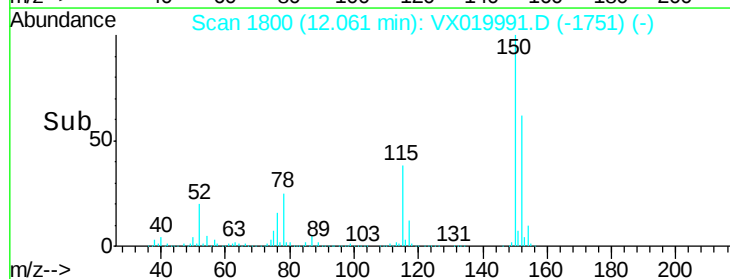
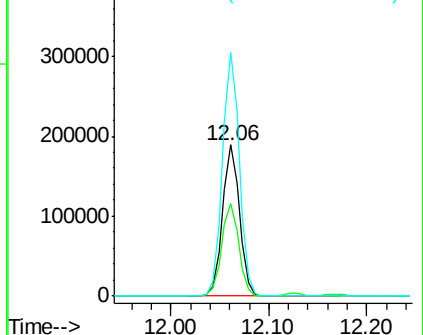
150 160.6 0.0 349.0

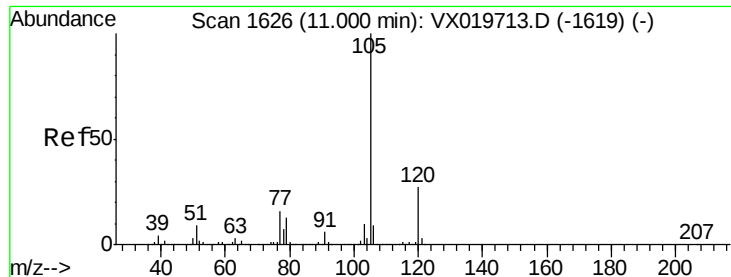


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.628 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019991.D

Acq: 14 Dec 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

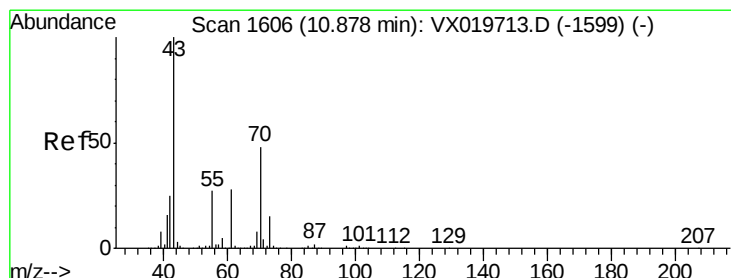
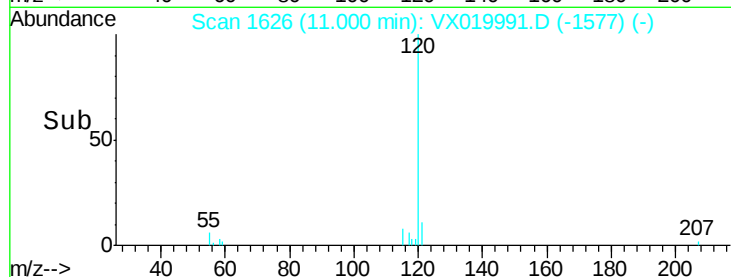
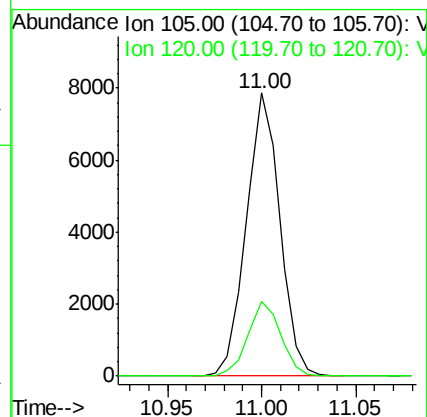
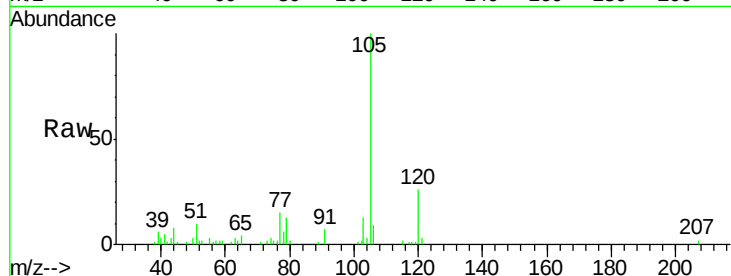
28-30

Tgt Ion: 105 Resp: 9730

Ion Ratio Lower Upper

105 100

120 25.9 13.2 39.6



#74

N-ethyl acetate

Concen: 0.430 ug/l

RT: 10.80 min Scan# 1594

Delta R.T. -0.07 min

Lab File: VX019991.D

Acq: 14 Dec 2020 17:02

Tgt Ion: 43 Resp: 2669

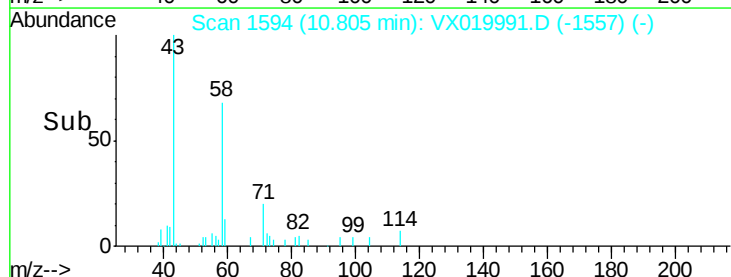
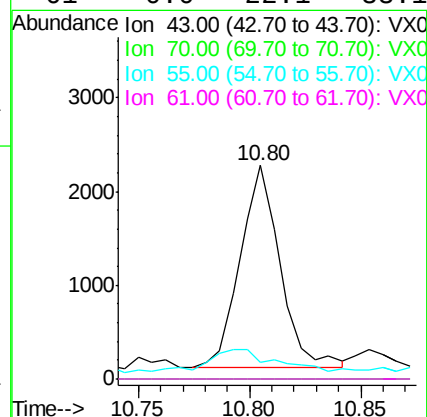
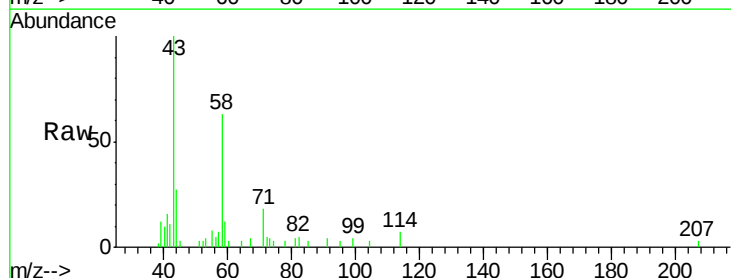
Ion Ratio Lower Upper

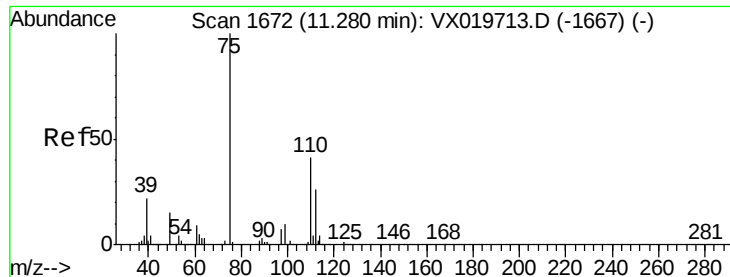
43 100

70 0.0 39.0 58.6#

55 17.8 21.5 32.3#

61 0.0 22.1 33.1#





#76

1,2,3-Trichloropropane

Concen: 22.505 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019991.D

Acq: 14 Dec 2020 17:02

Instrument :

MSVOA_X

ClientSampled :

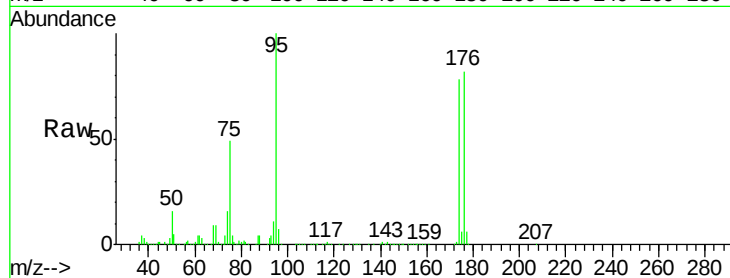
28-30

Tgt Ion: 75 Resp: 114551

Ion Ratio Lower Upper

75 100

77 1.4 19.1 57.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.12

100000

80000

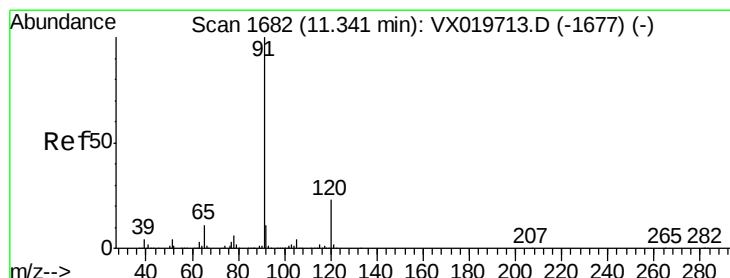
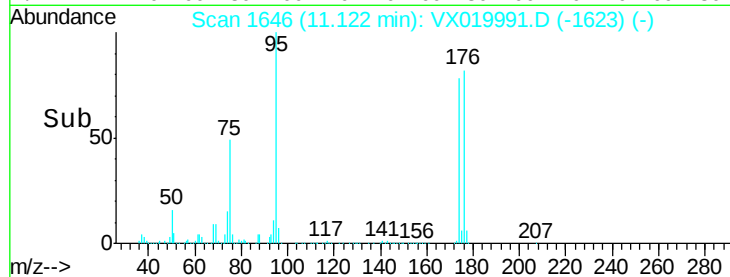
60000

40000

20000

0

Time-->



#78

n-propylbenzene

Concen: 0.645 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019991.D

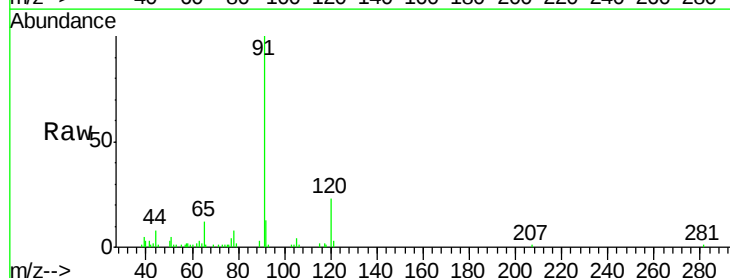
Acq: 14 Dec 2020 17:02

Tgt Ion: 91 Resp: 11418

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.34

10000

8000

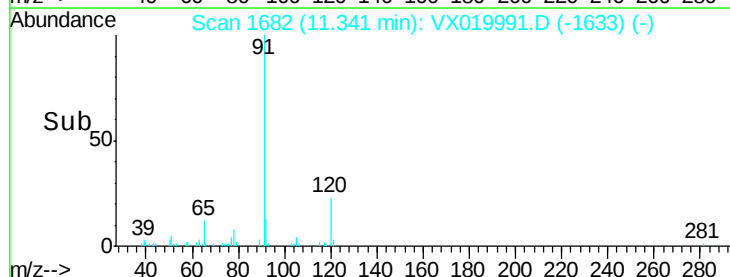
6000

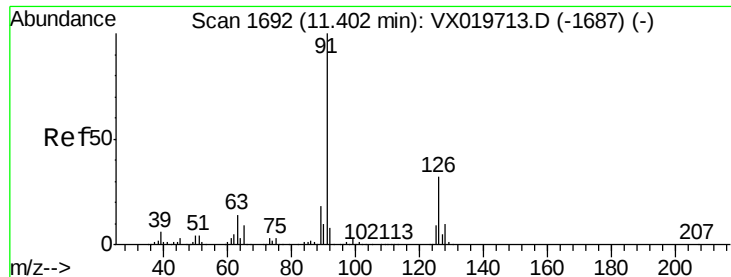
4000

2000

0

Time-->





#79

2-Chlorotoluene

Concen: 0.700 ug/l

RT: 11.41 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VX019991.D

Acq: 14 Dec 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

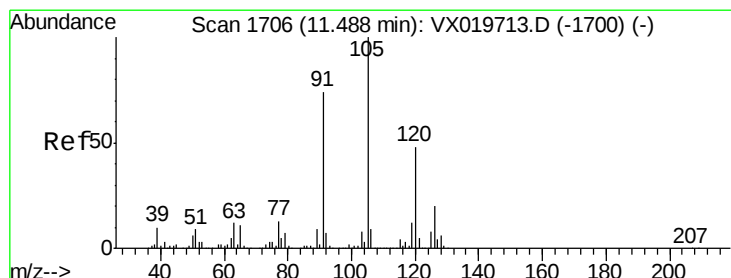
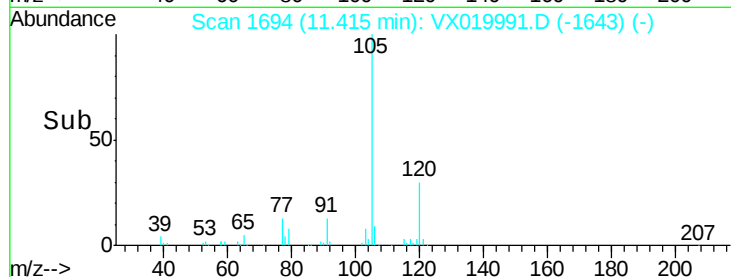
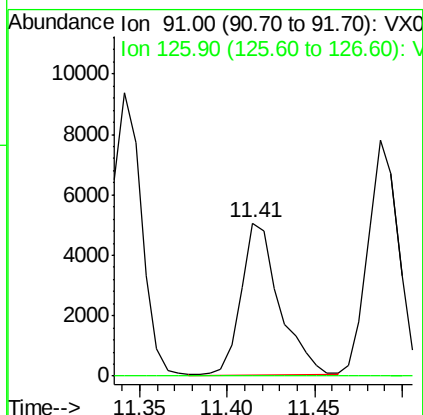
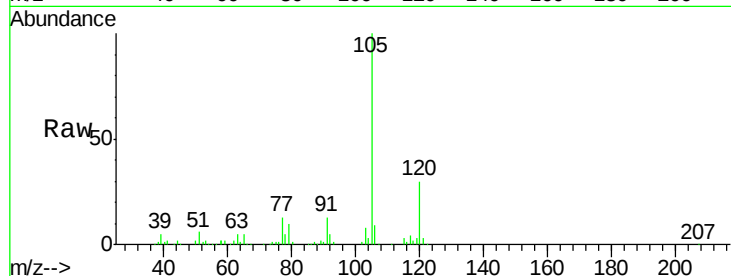
28-30

Tgt Ion: 91 Resp: 7630

Ion Ratio Lower Upper

91 100

126 0.0 16.6 49.8#



#80

1,3,5-Trimethylbenzene

Concen: 6.819 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019991.D

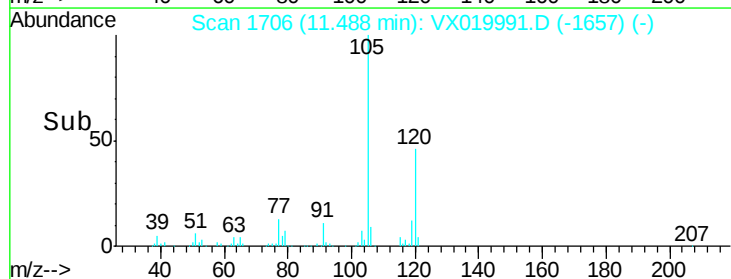
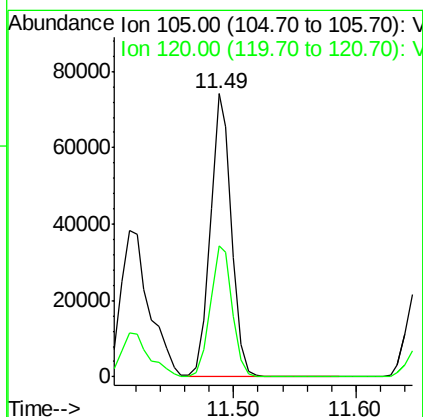
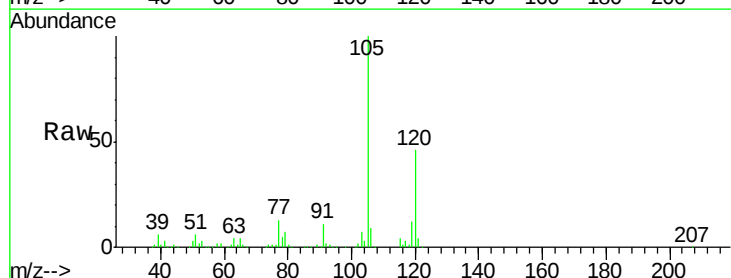
Acq: 14 Dec 2020 17:02

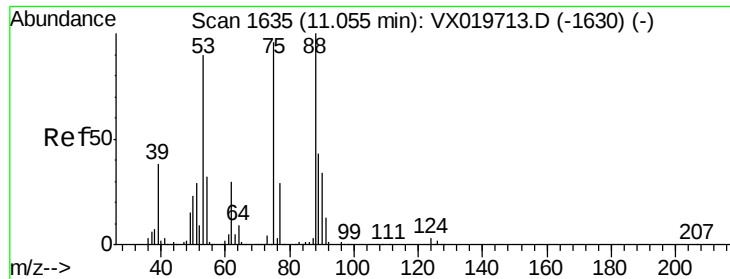
Tgt Ion: 105 Resp: 89233

Ion Ratio Lower Upper

105 100

120 48.2 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 65.059 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX019991.D

Acq: 14 Dec 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

28-30

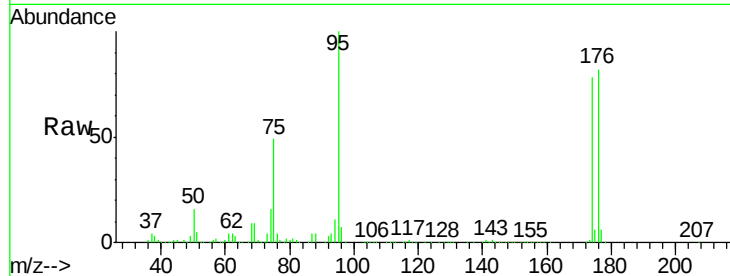
Tgt Ion: 75 Resp: 114551

Ion Ratio Lower Upper

75 100

53 0.2 74.5 111.7#

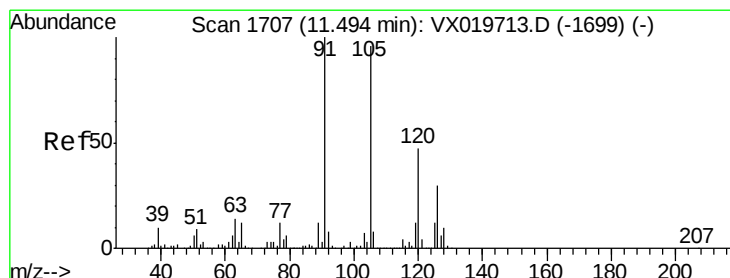
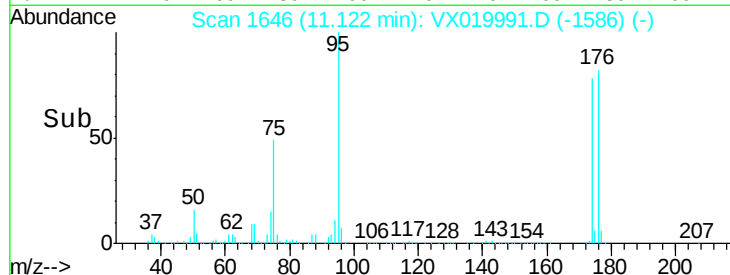
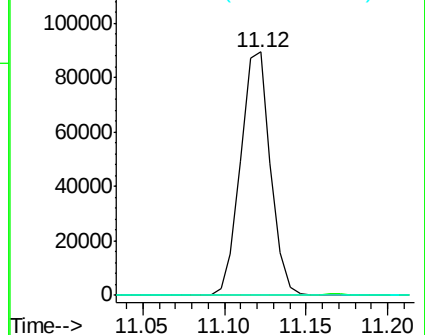
89 0.0 37.9 56.9#



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: 0.426 ug/l

RT: 11.65 min Scan# 1733

Delta R.T. 0.16 min

Lab File: VX019991.D

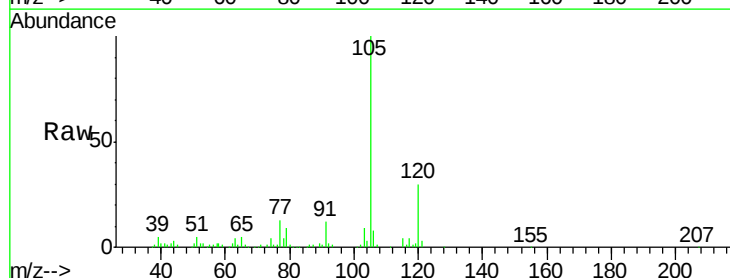
Acq: 14 Dec 2020 17:02

Tgt Ion: 91 Resp: 5440

Ion Ratio Lower Upper

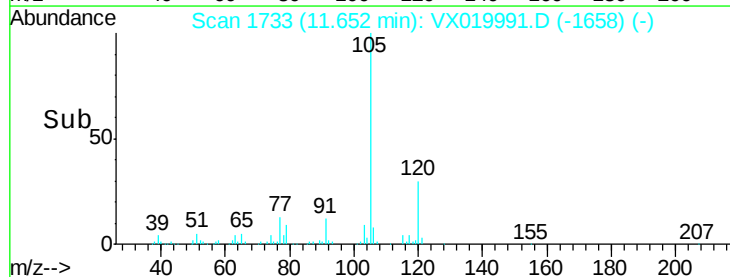
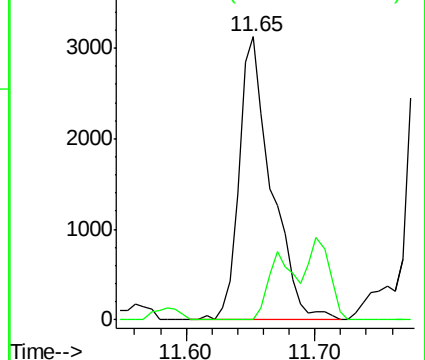
91 100

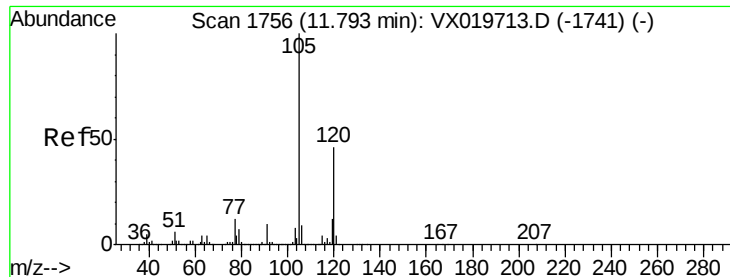
126 19.5 14.9 44.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

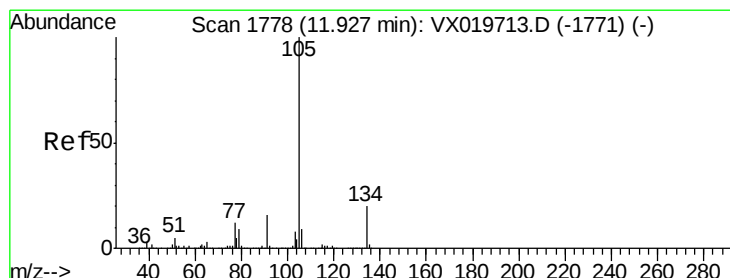
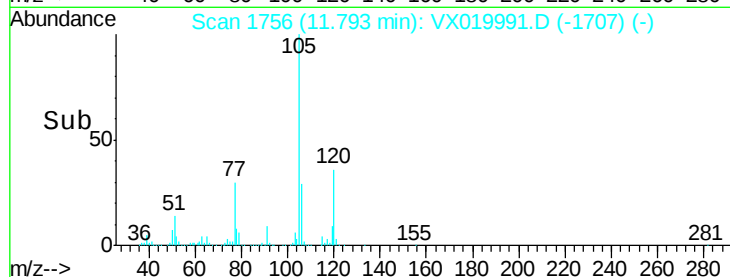
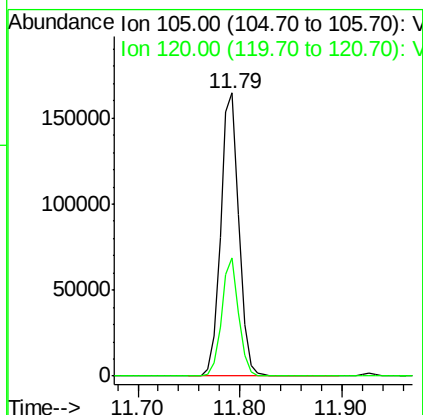
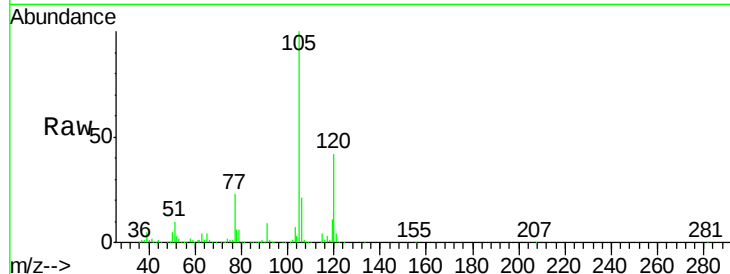




#84
 1,2,4-Trimethylbenzene
 Concen: 15.596 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019991.D
 Acq: 14 Dec 2020 17:02

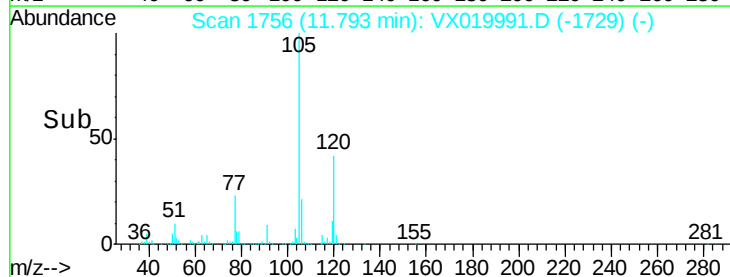
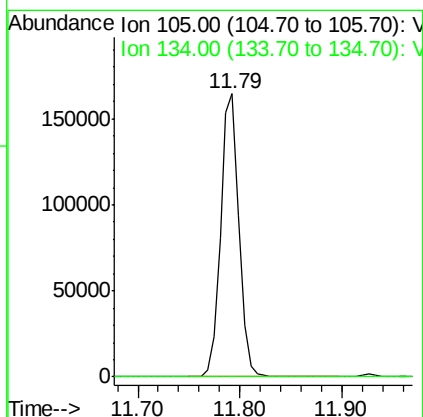
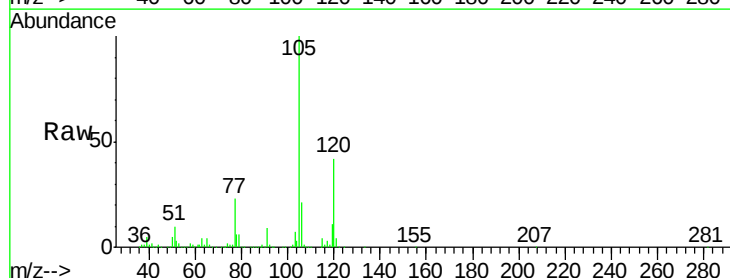
Instrument :
 MSVOA_X
 ClientSampleId :
 28-30

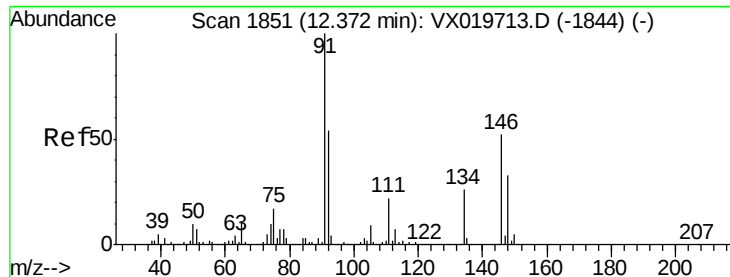
Tgt Ion:105 Resp: 205572
 Ion Ratio Lower Upper
 105 100
 120 38.7 22.4 67.3



#85
 sec-Butylbenzene
 Concen: 14.030 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.13 min
 Lab File: VX019991.D
 Acq: 14 Dec 2020 17:02

Tgt Ion:105 Resp: 205572
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.0 29.8#

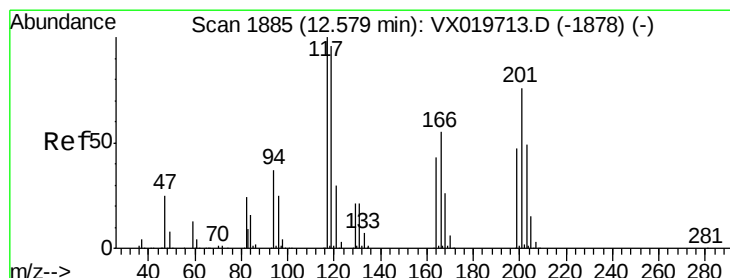
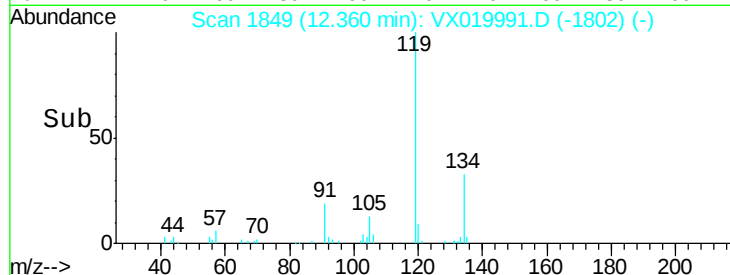
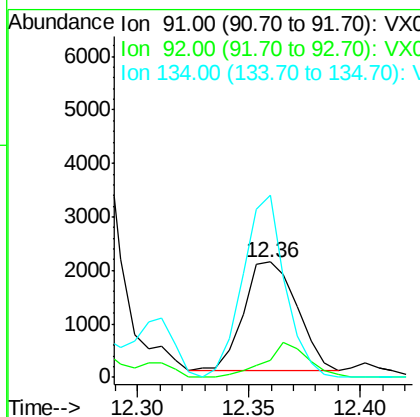
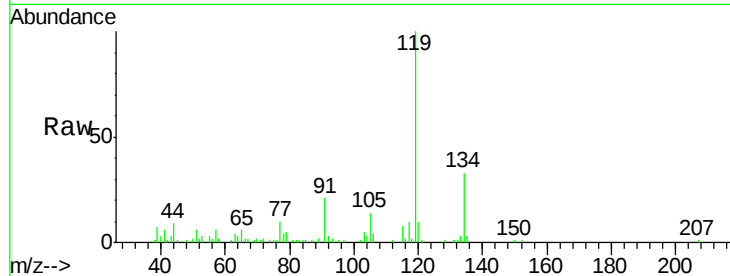




#89
n-Butylbenzene
Concen: 0.282 ug/l
RT: 12.36 min Scan# 1849
Delta R.T. -0.01 min
Lab File: VX019991.D
Acq: 14 Dec 2020 17:02

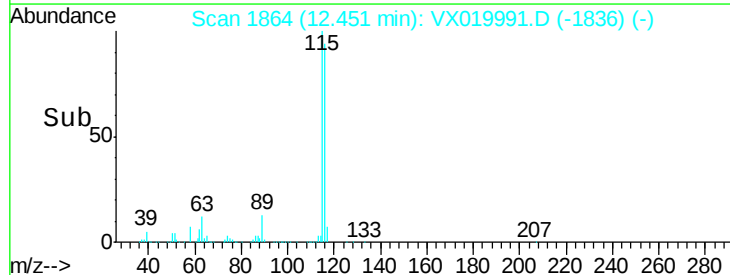
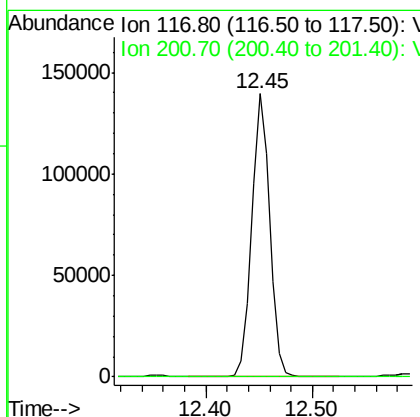
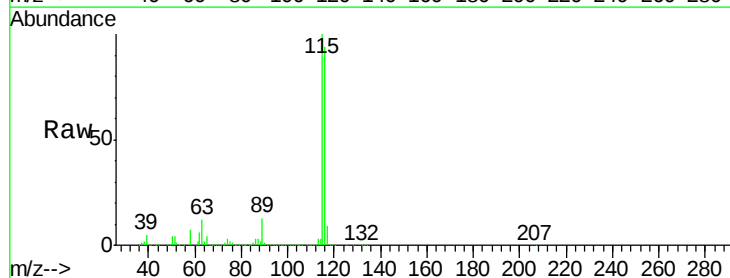
Instrument :
MSVOA_X
ClientSampleId :
28-30

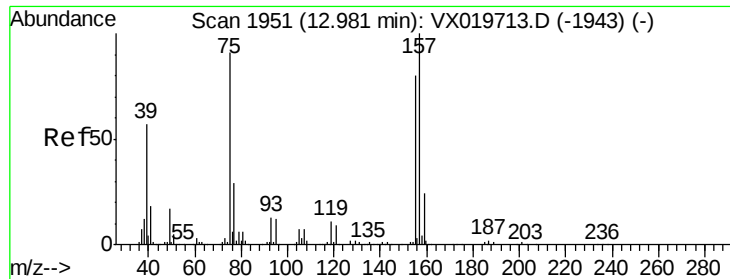
Tgt Ion: 91 Resp: 3360
Ion Ratio Lower Upper
91 100
92 26.1 27.4 82.0#
134 134.4 13.2 39.5#



#90
Hexachloroethane
Concen: 71.412 ug/l
RT: 12.45 min Scan# 1864
Delta R.T. -0.13 min
Lab File: VX019991.D
Acq: 14 Dec 2020 17:02

Tgt Ion: 117 Resp: 165559
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.852 ug/l

RT: 13.01 min Scan# 1955

Delta R.T. 0.02 min

Lab File: VX019991.D

Acq: 14 Dec 2020 17:02

Instrument :

MSVOA_X

ClientSampleId :

28-30

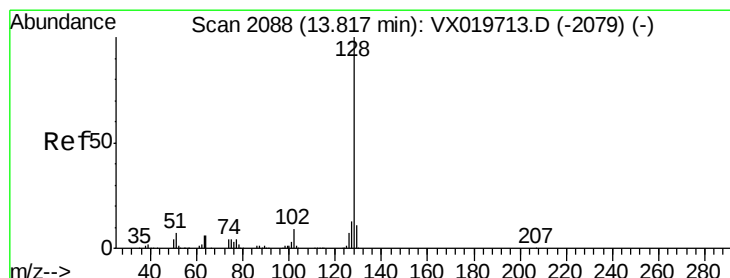
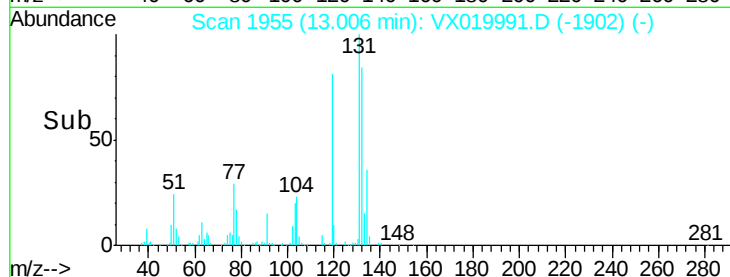
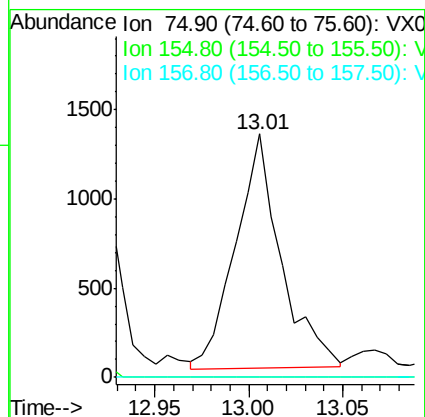
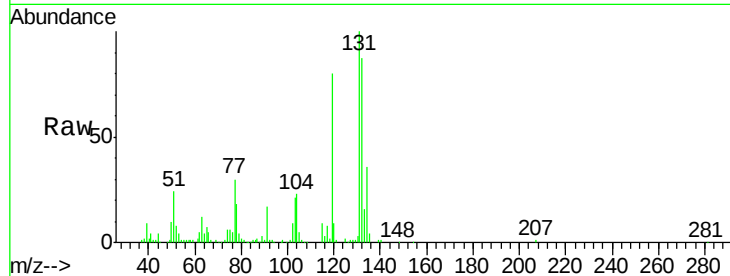
Tgt Ion: 75 Resp: 2176

Ion Ratio Lower Upper

75 100

155 0.0 45.3 135.9#

157 0.0 57.7 173.1#



#95

Naphthalene

Concen: 740.552 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019991.D

Acq: 14 Dec 2020 17:02

Tgt Ion: 128 Resp: 11094773

Ion Ratio Lower Upper

128 100

127 15.0 10.3 15.5

129 13.1 8.8 13.2

