

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121020\
 Data File : VX019862.D
 Acq On : 11 Dec 2020 06:36
 Operator : JC/MD
 Sample : L4987-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 32834

Quant Time: Dec 11 07:03:00 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	5.62	168	318458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	526943	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	480102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	233901	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	202659	48.42	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.84%
35) Dibromofluoromethane	5.46	113	161655	47.47	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.94%
50) Toluene-d8	8.70	98	647828	49.83	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.66%
62) 4-Bromofluorobenzene	11.12	95	238022	48.10	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.20%

Target Compounds

						Qvalue
5) Bromomethane	1.64	94	513	0.427	ug/l #	30
8) Diethyl Ether	2.17	74	1032	0.484	ug/l	89
11) Tert butyl alcohol	3.01	59	9765	8.828	ug/l #	73
13) Acrolein	2.25	56	512	1.108	ug/l #	1
14) Allyl chloride	2.57	41	39870	8.091	ug/l #	61
15) Acrylonitrile	3.17	53	2704	1.429	ug/l #	24
16) Acetone	2.42	43	3820093	2428.209	ug/l	98
18) Methyl Acetate	2.75	43	5271	1.369	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	233770	22.000	ug/l	98
20) Methylene Chloride	2.84	84	974	Below Cal	#	91
22) Diisopropyl ether	3.82	45	180762	18.143	ug/l #	82
23) Vinyl Acetate	3.82	43	89612	10.557	ug/l #	69
25) 2-Butanone	4.63	43	148039	61.239	ug/l	99
29) Tetrahydrofuran	5.09	42	10206	6.553	ug/l	93
31) Cyclohexane	5.55	56	11531	2.215	ug/l	98
36) 1,1-Dichloropropene	5.63	75	24486	5.142	ug/l #	49
37) Ethyl Acetate	4.79	43	31773	6.609	ug/l	100
38) Carbon Tetrachloride	5.63	117	30667	6.577	ug/l #	16
39) Methylcyclohexane	7.44	83	24289	4.342	ug/l	97
40) Benzene	6.11	78	3410264	234.457	ug/l	98
41) Methacrylonitrile	5.09	41	7414	2.809	ug/l #	42
42) 1,2-Dichloroethane	6.11	62	27211	5.475	ug/l #	73
43) Isopropyl Acetate	6.40	43	7771	0.994	ug/l #	22
48) Methyl methacrylate	7.71	41	2158	0.561	ug/l #	64
51) 4-Methyl-2-Pentanone	8.62	43	17755	3.721	ug/l	98
52) Toluene	8.77	92	11420654	1255.396	ug/l	80
53) t-1,3-Dichloropropene	8.77	75	152518	28.214	ug/l #	1
55) 1,1,2-Trichloroethane	9.15	97	4404	1.201	ug/l #	19
56) Ethyl methacrylate	9.15	69	1143	0.206	ug/l #	28
59) 2-Hexanone	9.47	43	5801	1.568	ug/l	96
67) Ethyl Benzene	10.24	91	5728570	337.407	ug/l	95
68) m/p-Xylenes	10.35	106	8189661	1280.105	ug/l	82
69) o-Xylene	10.68	106	4993437	811.387	ug/l	88
70) Styrene	10.68	104	268924	25.889	ug/l #	1

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

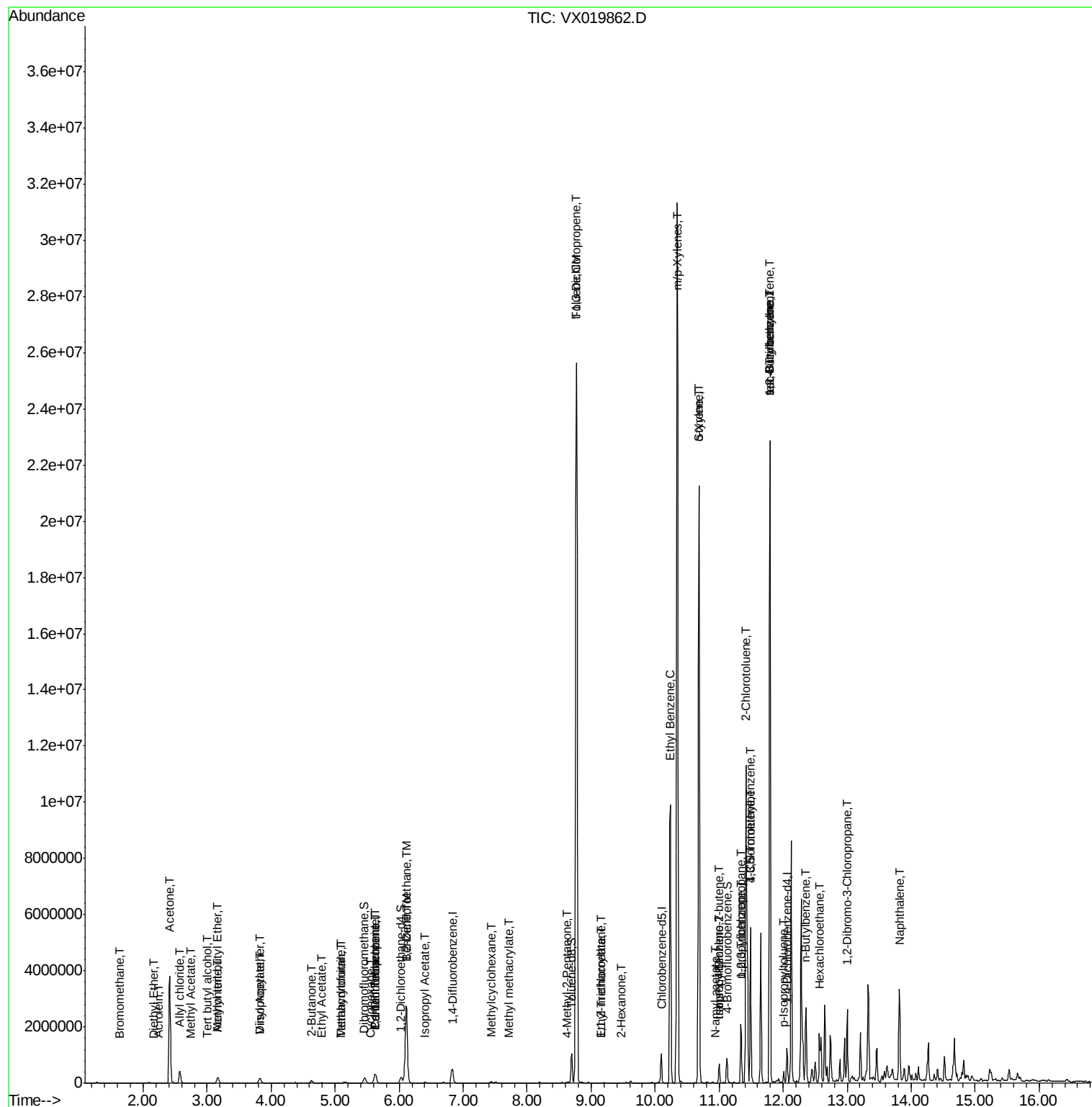
73) Isopropylbenzene	11.00	105	335461	20.992	ug/l	100
74) N-amyl acetate	10.93	43	3473	0.542	ug/l #	38
76) 1,2,3-Trichloropropane	11.34	75	7721	1.472	ug/l #	1
78) n-propylbenzene	11.34	91	1271875	69.686	ug/l	99
79) 2-Chlorotoluene	11.42	91	945994	84.166	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.49	105	2485366	184.283	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.00	75	4075	2.246	ug/l #	73
82) 4-Chlorotoluene	11.49	91	262728	19.959	ug/l #	45
83) tert-Butylbenzene	11.79	119	1311577	99.158	ug/l #	54
84) 1,2,4-Trimethylbenzene	11.79	105	9598272	706.515	ug/l	92
85) sec-Butylbenzene	11.79	105	9598272	635.579	ug/l #	57
86) p-Isopropyltoluene	12.01	119	179730	12.986	ug/l	98
89) n-Butylbenzene	12.36	91	340319	27.754	ug/l #	14
90) Hexachloroethane	12.57	117	83737	35.044	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	13.00	75	7653	6.319	ug/l #	1
95) Naphthalene	13.82	128	2037203	131.933	ug/l	100

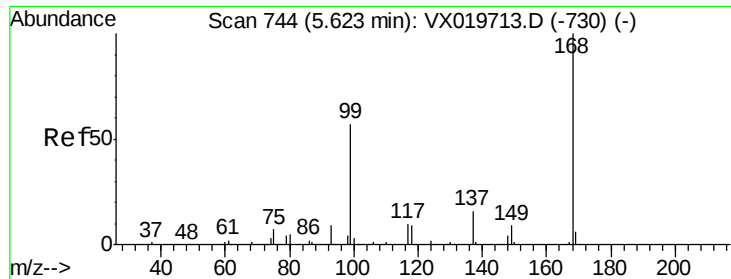
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.00 min

Lab File: VX019862.D

Acq: 11 Dec 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

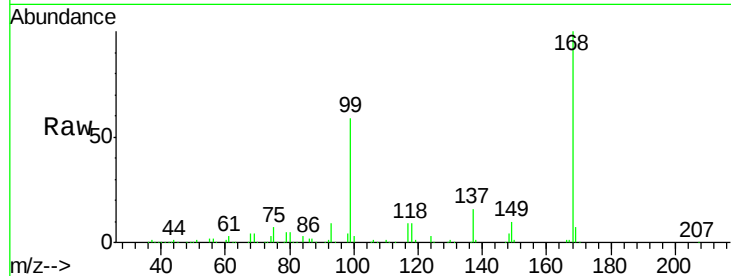
32834

Tgt Ion:168 Resp: 318458

Ion Ratio Lower Upper

168 100

99 58.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

120000

100000

80000

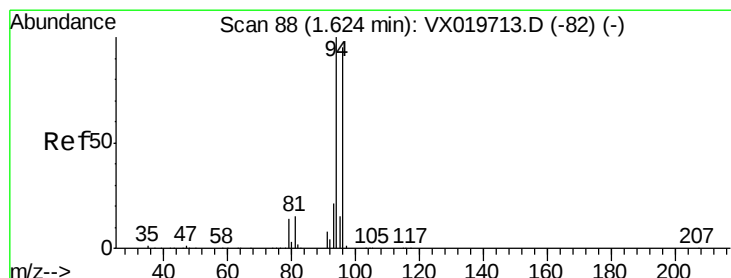
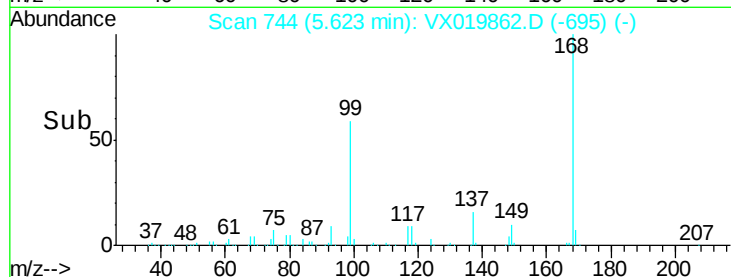
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: 0.427 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX019862.D

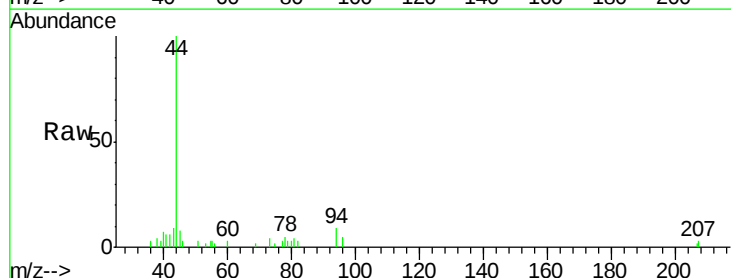
Acq: 11 Dec 2020 06:36

Tgt Ion: 94 Resp: 513

Ion Ratio Lower Upper

94 100

96 27.7 76.4 114.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

300

250

200

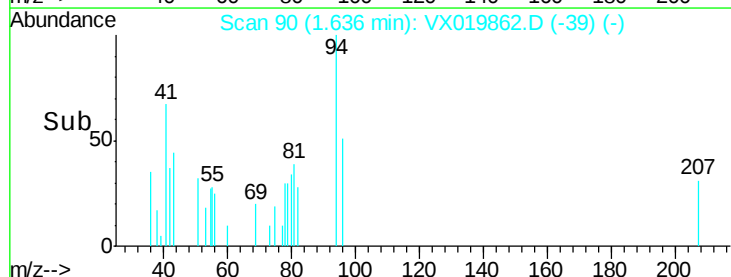
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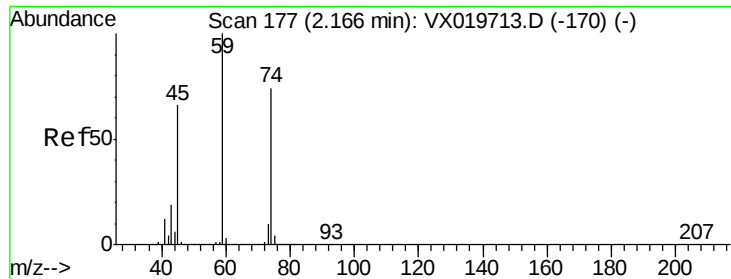
100

50

0

Time-->





#8

Diethyl Ether

Concen: 0.484 ug/l

RT: 2.17 min Scan# 177

Delta R.T. -0.00 min

Lab File: VX019862.D

Acq: 11 Dec 2020 06:36

Instrument :

MSVOA_X

ClientSampled :

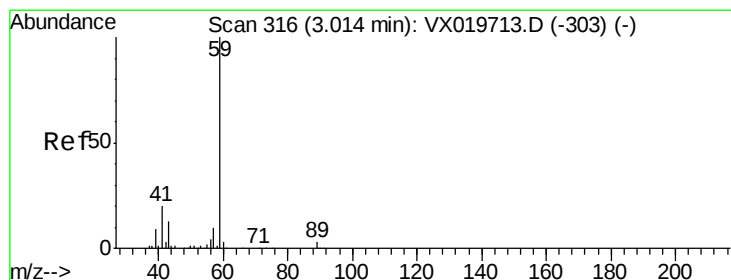
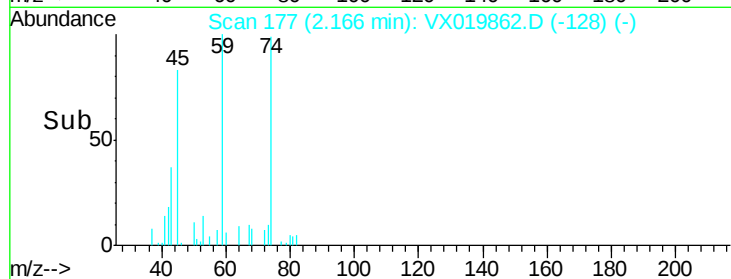
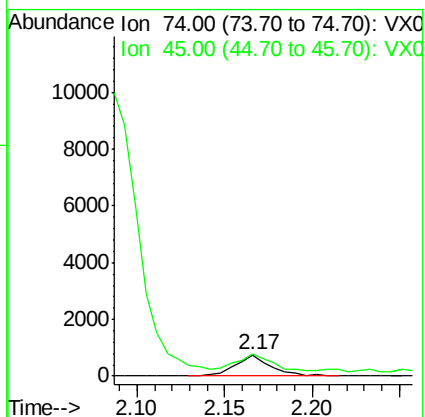
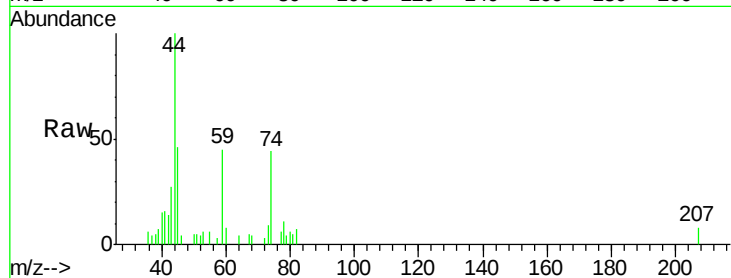
32834

Tgt Ion: 74 Resp: 1032

Ion Ratio Lower Upper

74 100

45 78.7 44.5 133.5



#11

Tert butyl alcohol

Concen: 8.828 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX019862.D

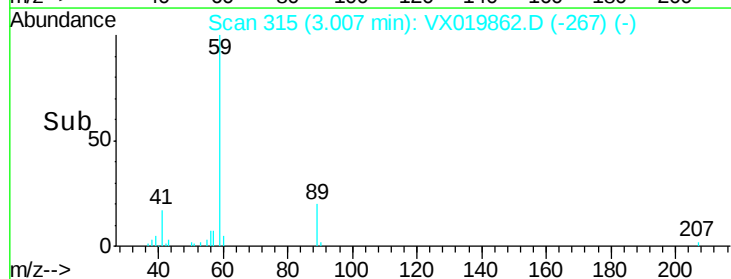
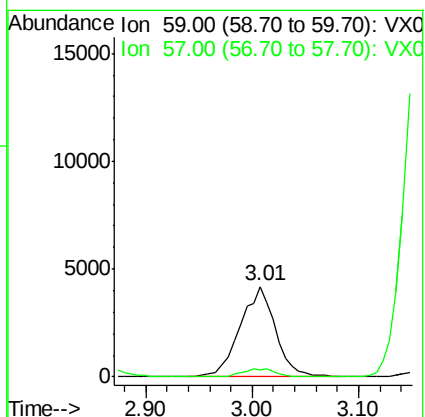
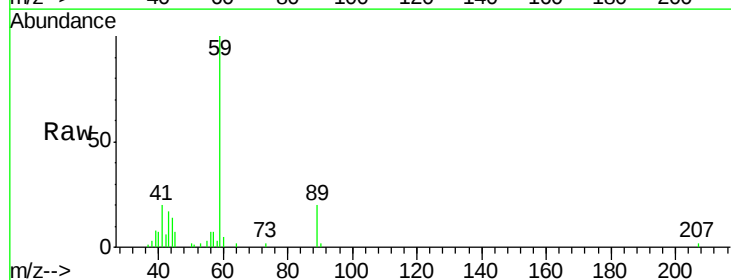
Acq: 11 Dec 2020 06:36

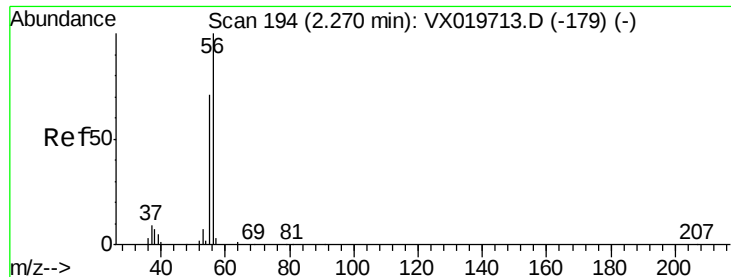
Tgt Ion: 59 Resp: 9765

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#





#13

Acrolein

Concen: 1.108 ug/l

RT: 2.25 min Scan# 191

Delta R.T. -0.02 min

Lab File: VX019862.D

Acq: 11 Dec 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

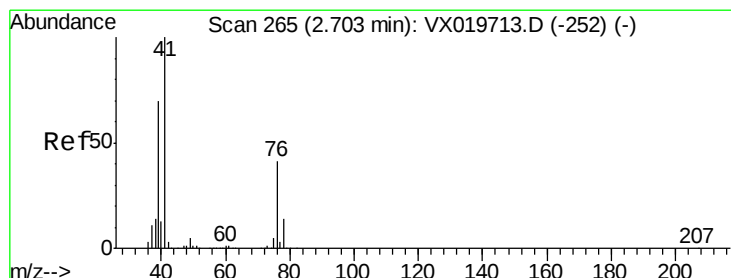
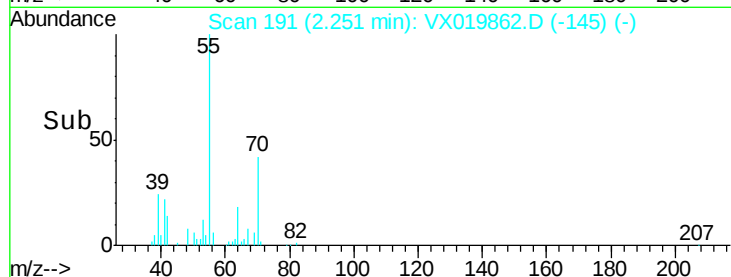
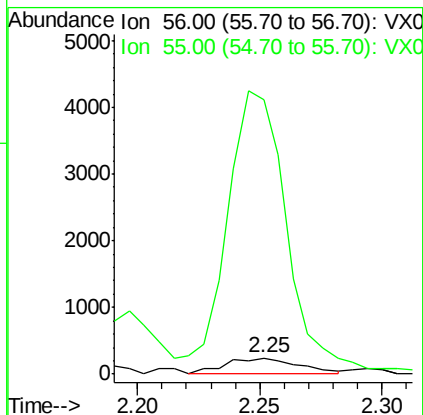
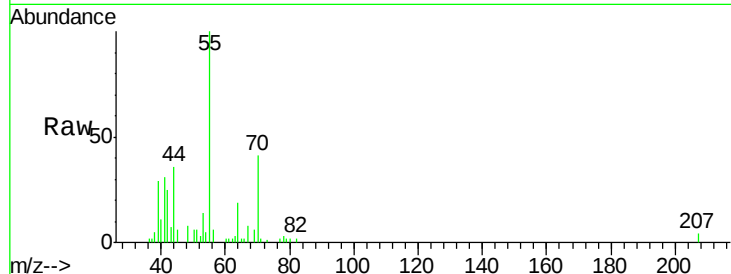
32834

Tgt Ion: 56 Resp: 512

Ion Ratio Lower Upper

56 100

55 1431.6 56.4 84.6#



#14

Allyl chloride

Concen: 8.091 ug/l

RT: 2.57 min Scan# 244

Delta R.T. -0.13 min

Lab File: VX019862.D

Acq: 11 Dec 2020 06:36

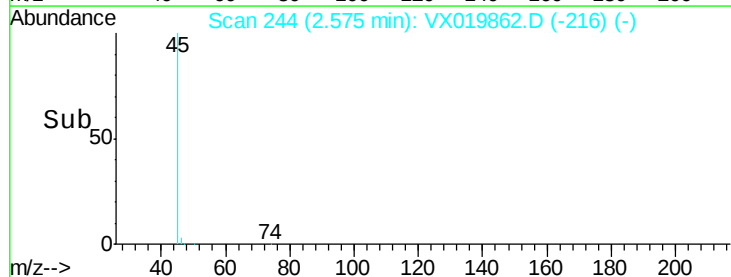
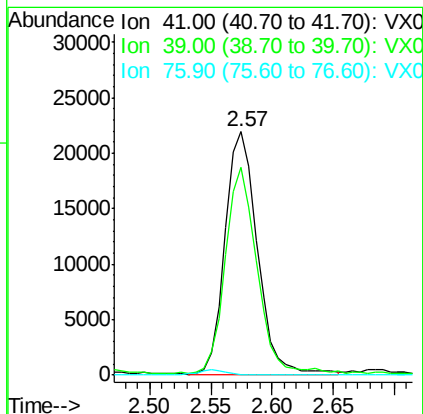
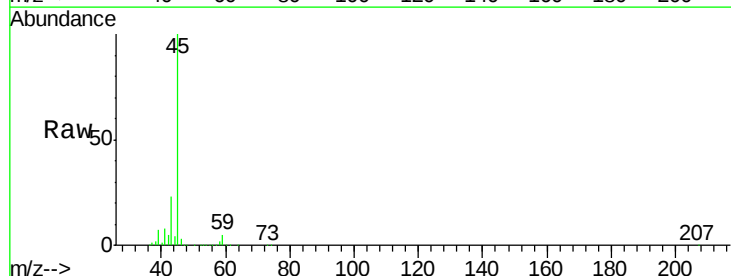
Tgt Ion: 41 Resp: 39870

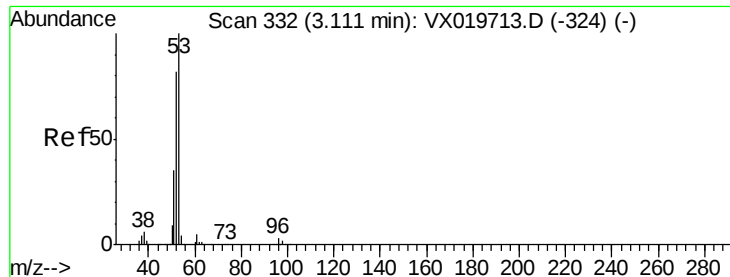
Ion Ratio Lower Upper

41 100

39 83.6 51.6 77.4#

76 0.0 30.5 45.7#





#15

Acrylonitrile

Concen: 1.429 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.05 min

Lab File: VX019862.D

Acq: 11 Dec 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

32834

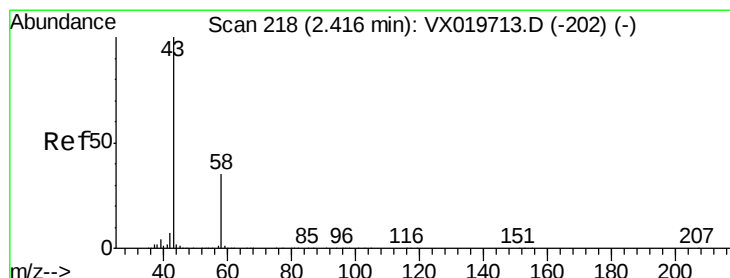
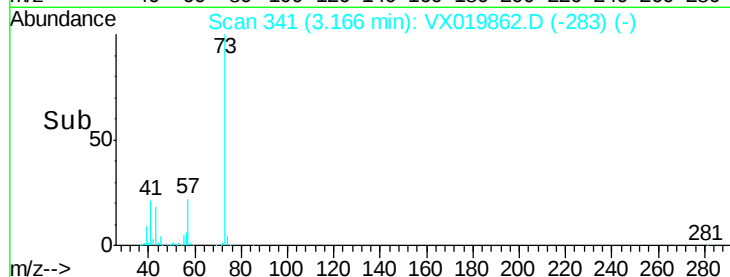
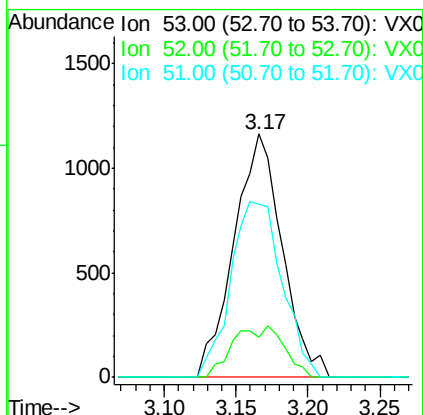
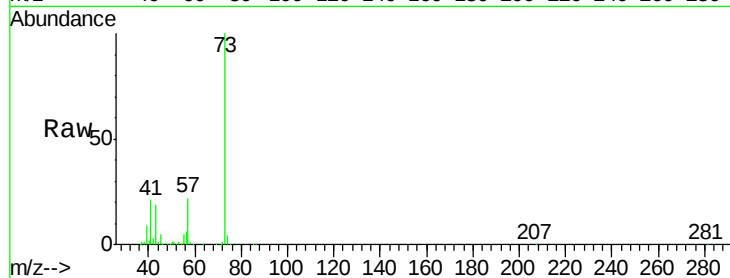
Tgt Ion: 53 Resp: 2704

Ion Ratio Lower Upper

53 100

52 12.9 65.3 97.9#

51 77.2 28.2 42.2#



#16

Acetone

Concen: 2428.209 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019862.D

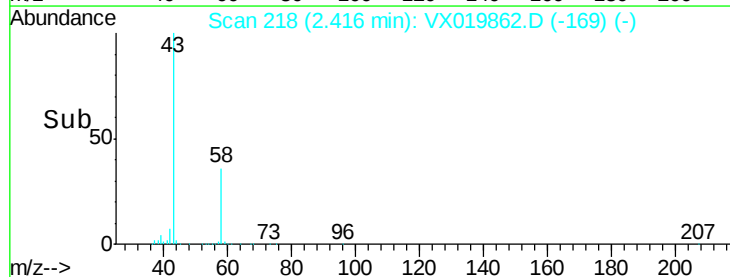
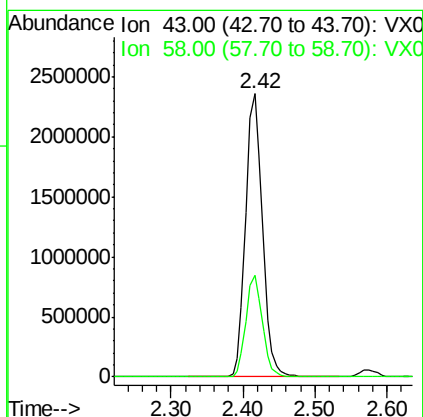
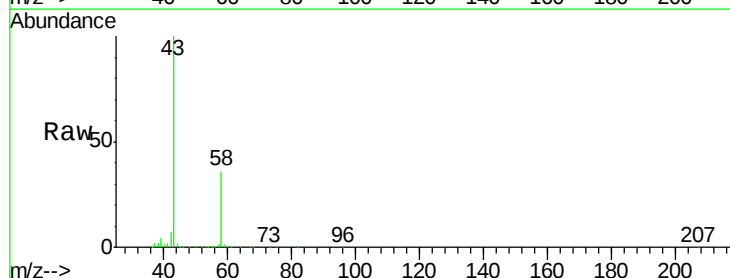
Acq: 11 Dec 2020 06:36

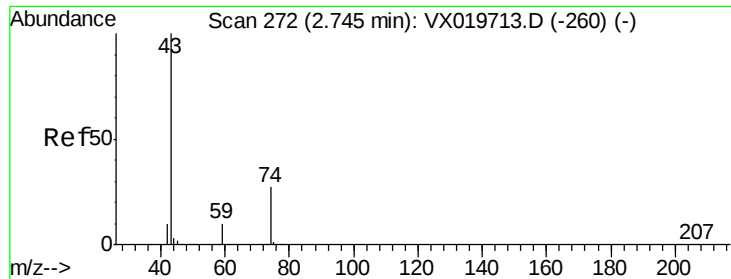
Tgt Ion: 43 Resp: 3820093

Ion Ratio Lower Upper

43 100

58 35.9 27.8 41.8

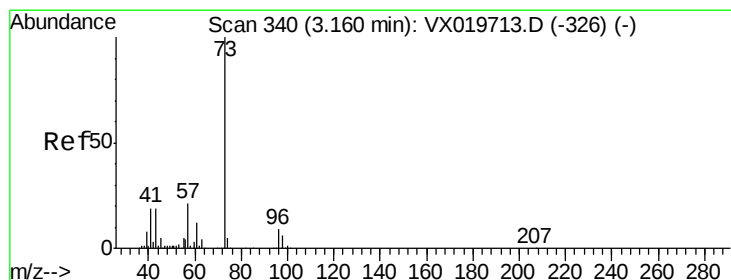
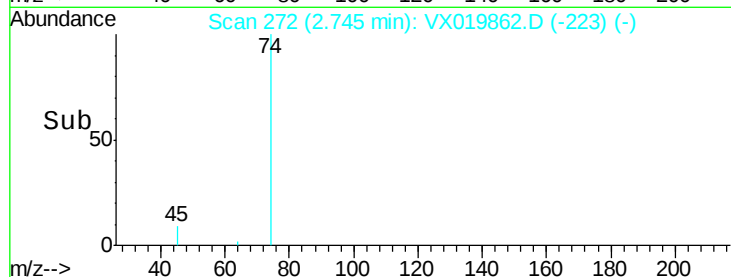
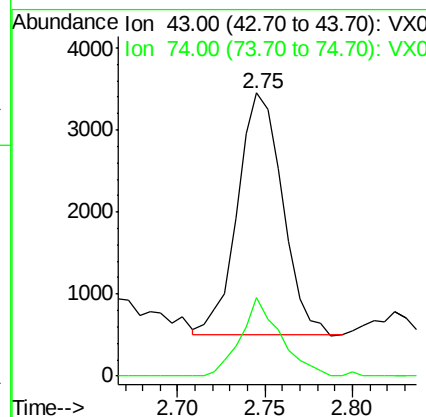
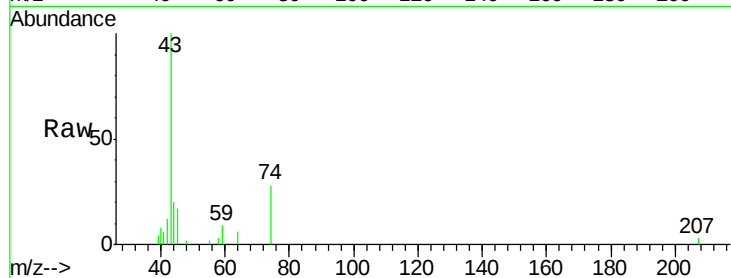




#18
Methyl Acetate
Concen: 1.369 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019862.D
Acq: 11 Dec 2020 06:36

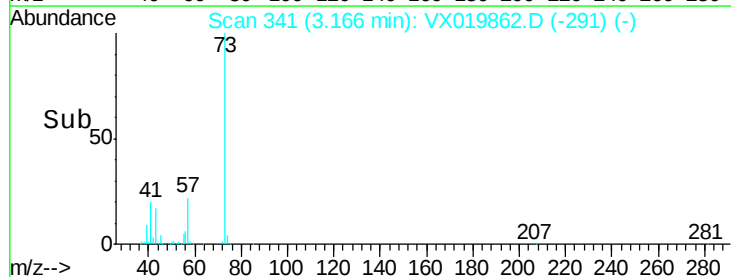
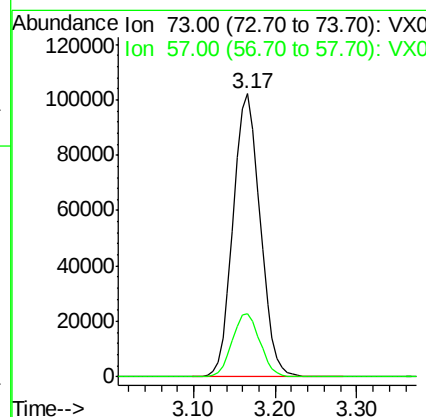
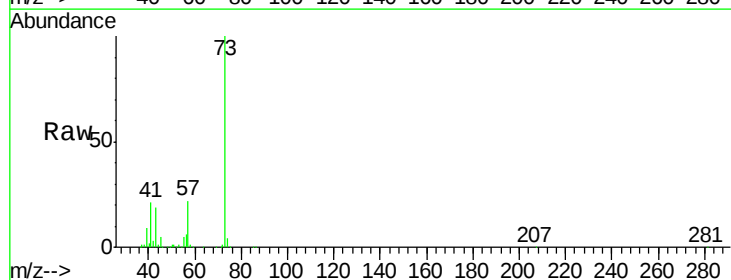
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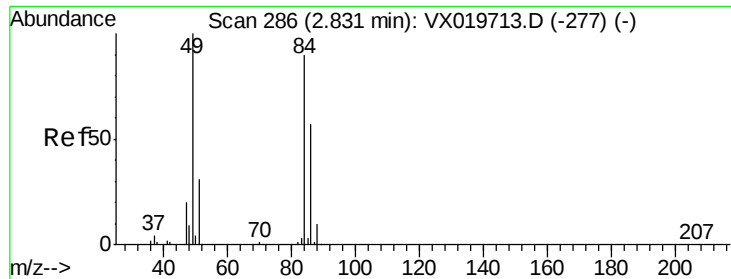
Tgt Ion: 43 Resp: 5271
Ion Ratio Lower Upper
43 100
74 28.5 21.9 32.9



#19
Methyl tert-butyl Ether
Concen: 22.000 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.01 min
Lab File: VX019862.D
Acq: 11 Dec 2020 06:36

Tgt Ion: 73 Resp: 233770
Ion Ratio Lower Upper
73 100
57 22.3 17.1 25.7





#20

Methylene Chloride

Concen: Below Cal

RT: 2.84 min Scan# 287

Delta R.T. 0.01 min

Lab File: VX019862.D

Acq: 11 Dec 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

32834

Tgt Ion: 84 Resp: 974

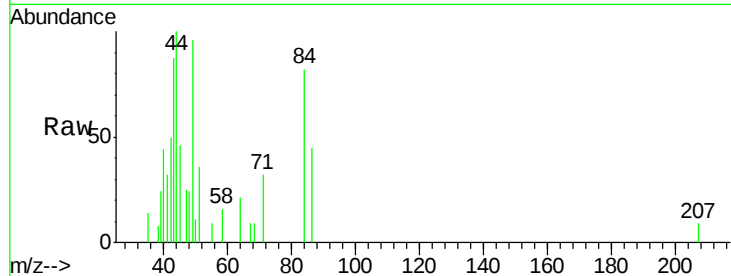
Ion Ratio Lower Upper

84 100

49 117.0 88.6 132.8

51 43.9 27.0 40.6#

86 54.8 50.3 75.5

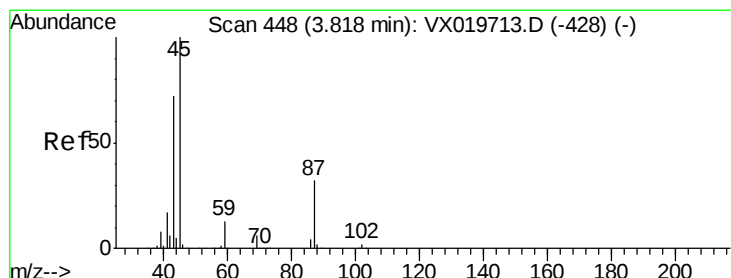
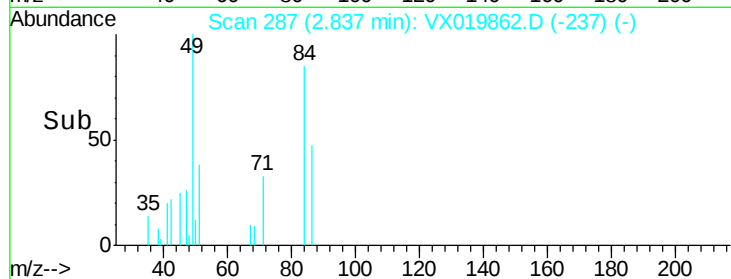
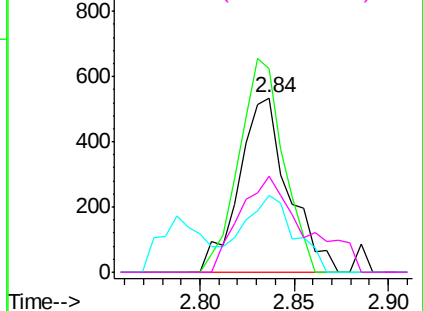


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#22

Diisopropyl ether

Concen: 18.143 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX019862.D

Acq: 11 Dec 2020 06:36

Tgt Ion: 45 Resp: 180762

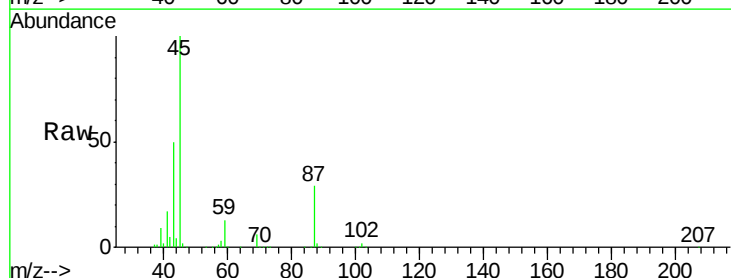
Ion Ratio Lower Upper

45 100

43 49.4 58.0 87.0#

87 29.5 25.4 38.0

59 13.1 10.2 15.2

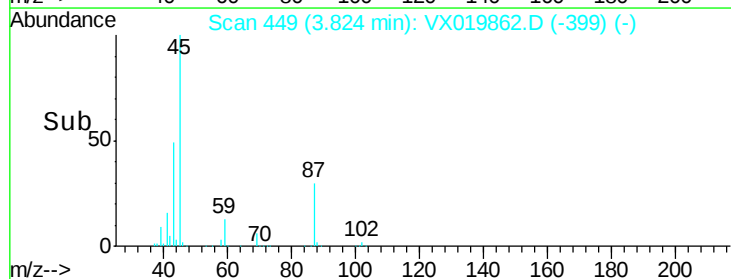
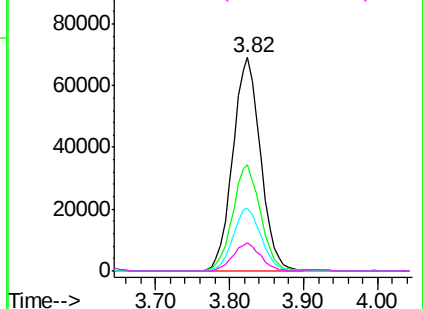


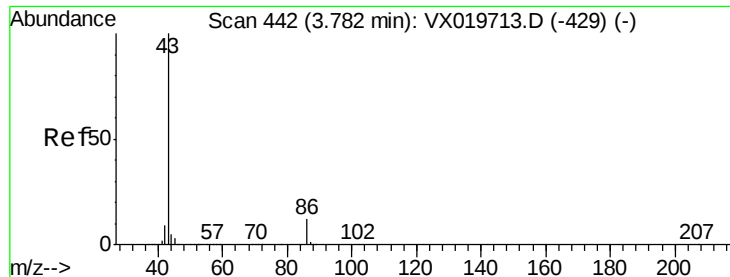
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

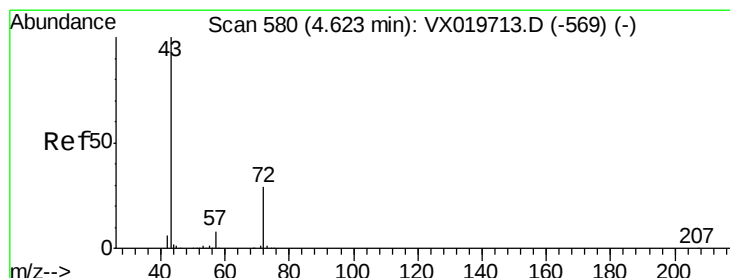
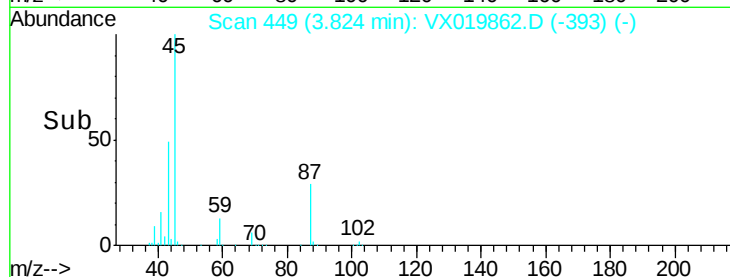
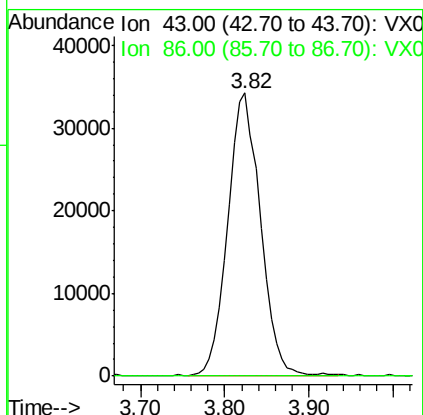
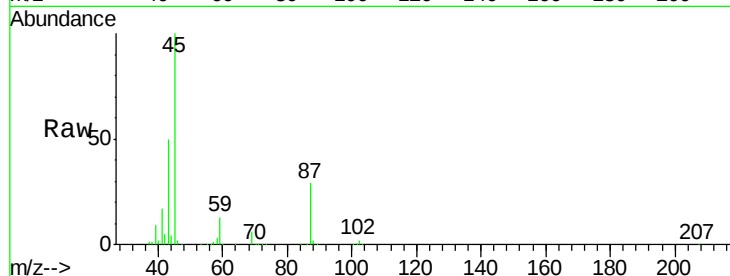




#23
 Vinyl Acetate
 Concen: 10.557 ug/l
 RT: 3.82 min Scan# 449
 Delta R.T. 0.04 min
 Lab File: VX019862.D
 Acq: 11 Dec 2020 06:36

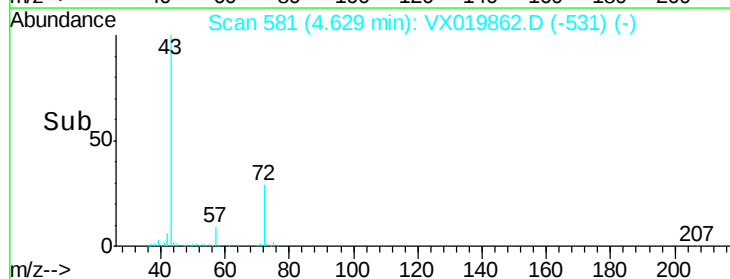
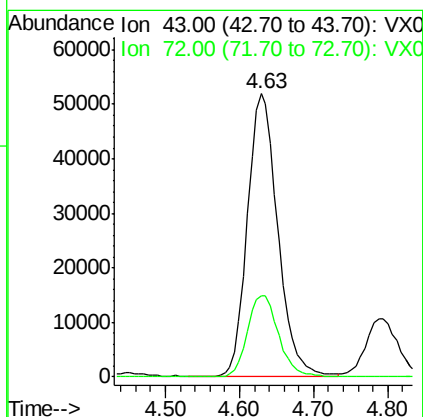
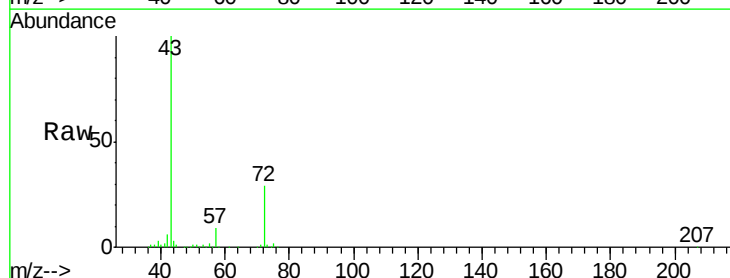
Instrument :
 MSVOA_X
 ClientSampleId :
 32834

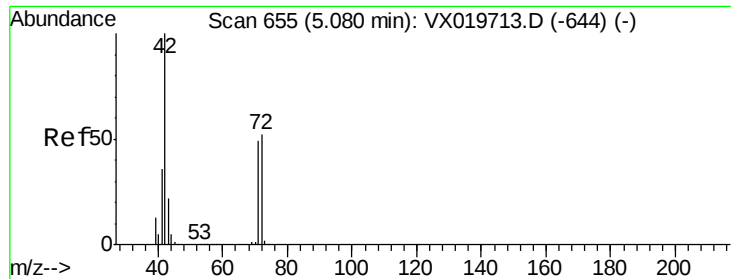
Tgt Ion: 43 Resp: 89612
 Ion Ratio Lower Upper
 43 100
 86 0.4 9.9 14.9#



#25
 2-Butanone
 Concen: 61.239 ug/l
 RT: 4.63 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: VX019862.D
 Acq: 11 Dec 2020 06:36

Tgt Ion: 43 Resp: 148039
 Ion Ratio Lower Upper
 43 100
 72 28.8 23.7 35.5

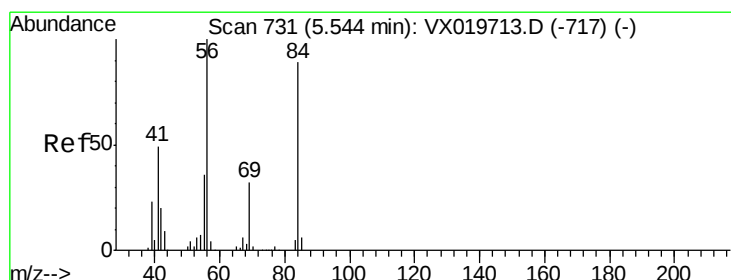
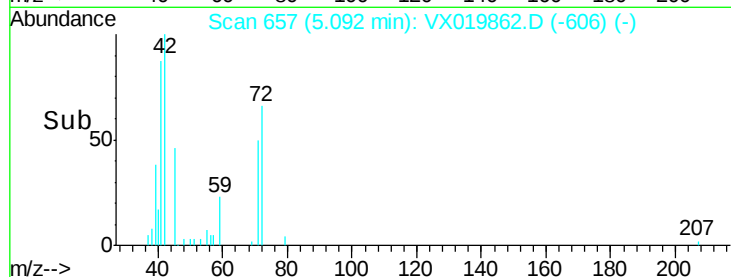
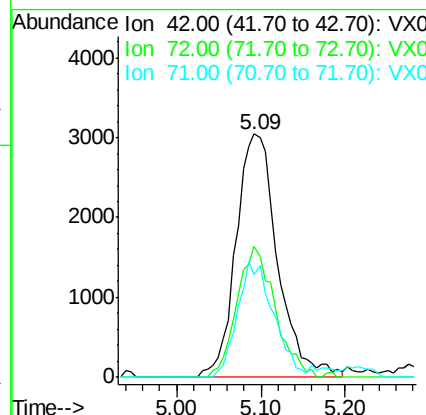
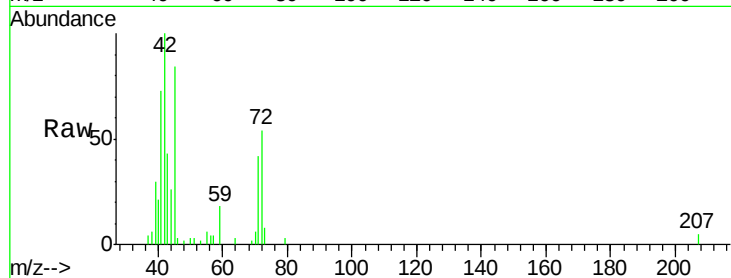




#29
Tetrahydrofuran
Concen: 6.553 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX019862.D
Acq: 11 Dec 2020 06:36

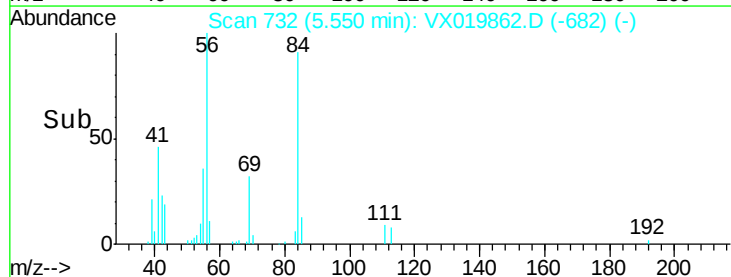
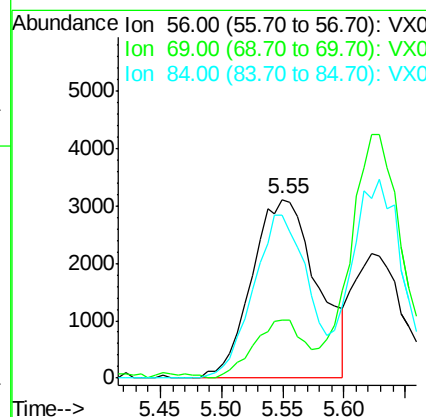
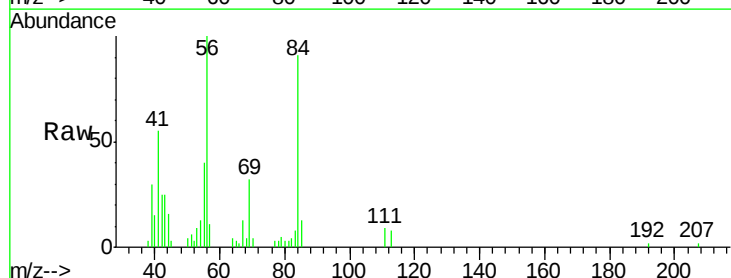
Instrument :
MSVOA_X
ClientSampleId :
32834

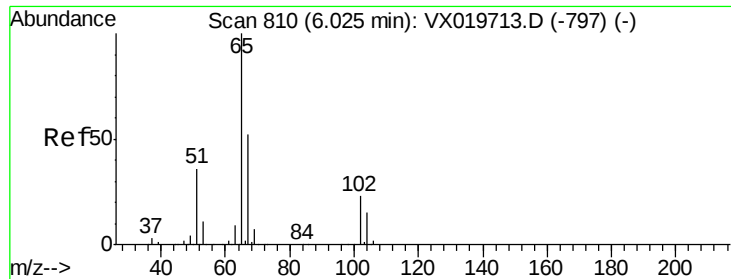
Tgt Ion: 42 Resp: 10206
Ion Ratio Lower Upper
42 100
72 49.2 41.7 62.5
71 41.1 38.4 57.6



#31
Cyclohexane
Concen: 2.215 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.01 min
Lab File: VX019862.D
Acq: 11 Dec 2020 06:36

Tgt Ion: 56 Resp: 11531
Ion Ratio Lower Upper
56 100
69 30.4 25.3 37.9
84 91.4 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 48.420 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX019862.D

Acq: 11 Dec 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

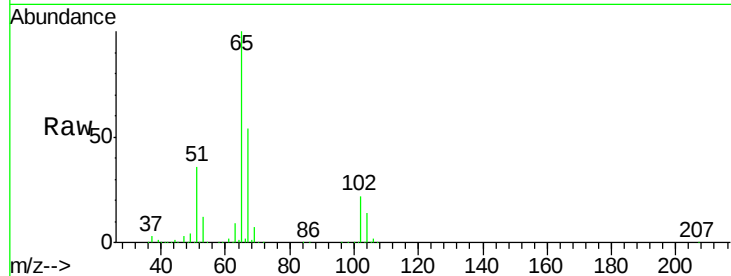
32834

Tgt Ion: 65 Resp: 202659

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

60000

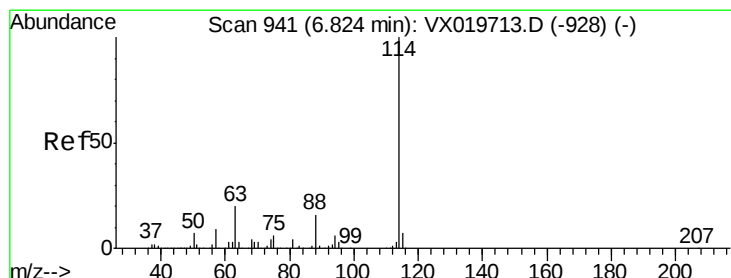
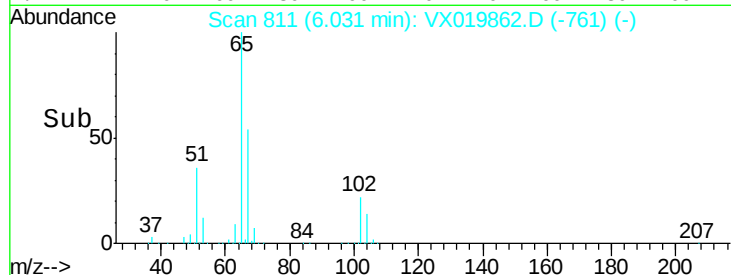
40000

20000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019862.D

Acq: 11 Dec 2020 06:36

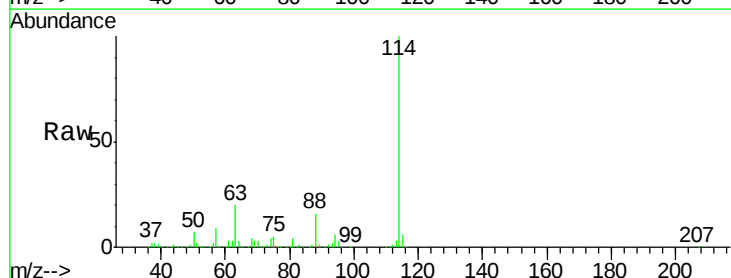
Tgt Ion: 114 Resp: 526943

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

88 16.2 0.0 32.8



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

6.83

300000

250000

200000

150000

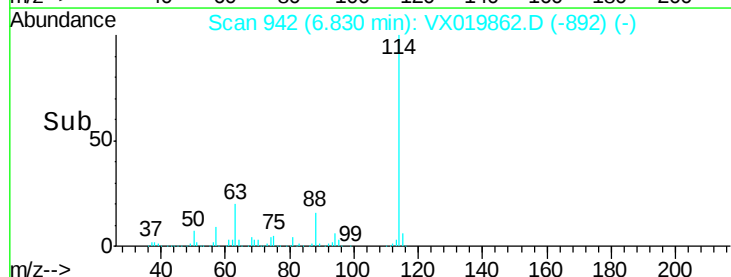
100000

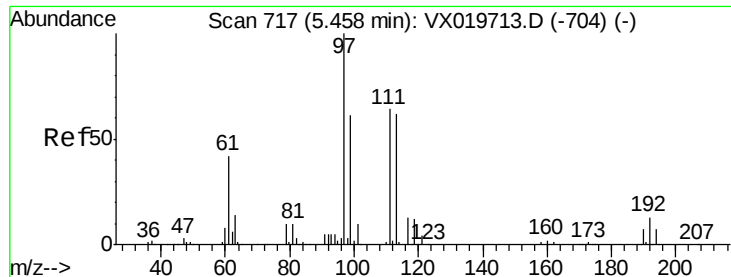
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 47.468 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019862.D

Acq: 11 Dec 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

32834

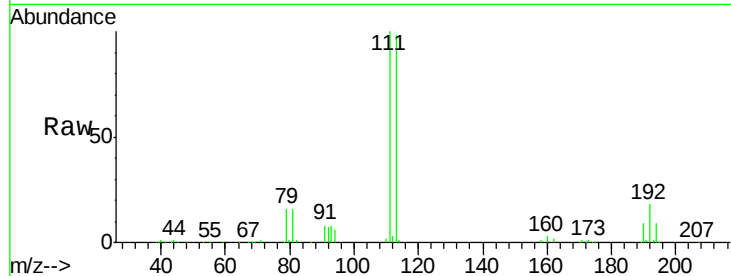
Tgt Ion:113 Resp: 161655

Ion Ratio Lower Upper

113 100

111 103.1 81.9 122.9

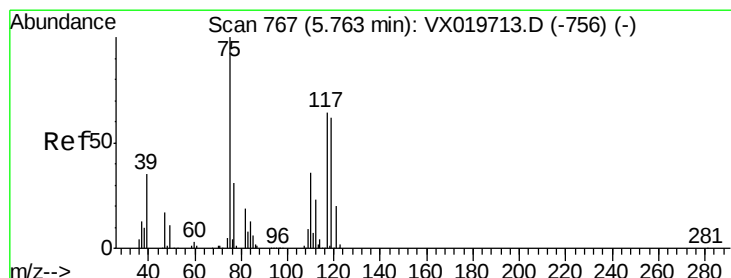
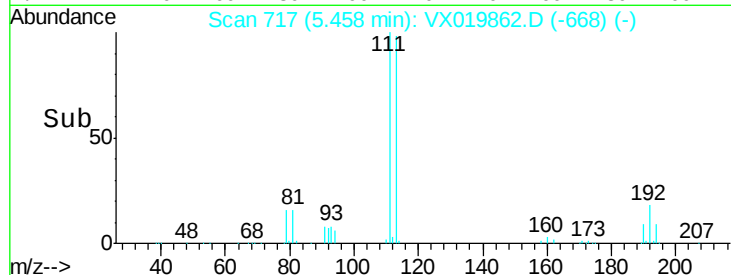
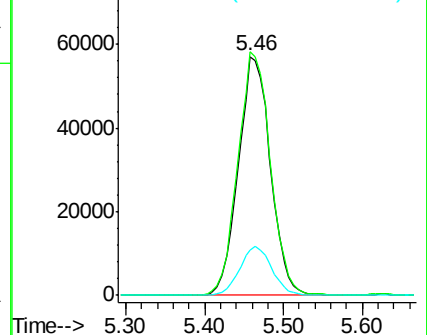
192 20.6 16.7 25.1



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: 5.142 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX019862.D

Acq: 11 Dec 2020 06:36

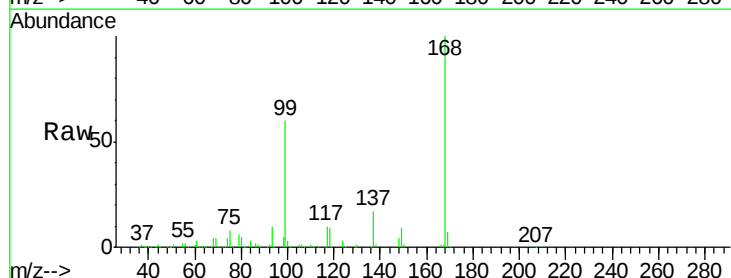
Tgt Ion: 75 Resp: 24486

Ion Ratio Lower Upper

75 100

110 8.8 18.1 54.4#

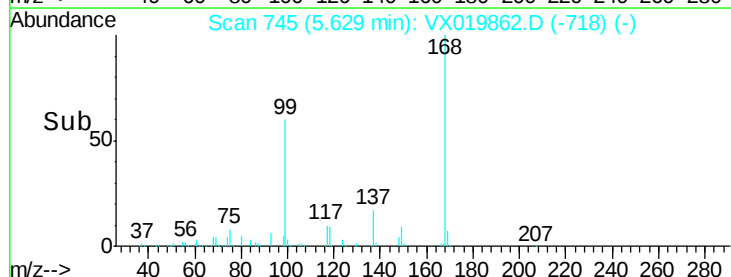
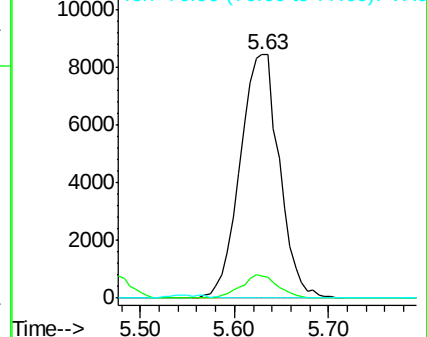
77 0.0 25.3 37.9#

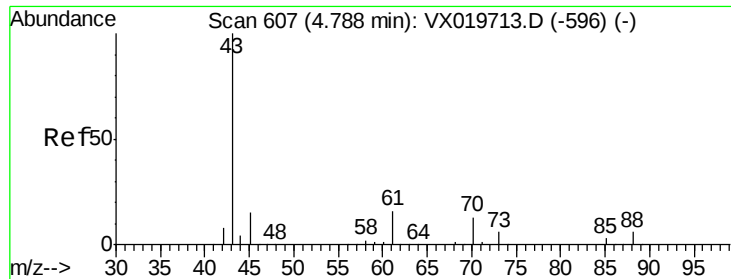


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 6.609 ug/l

RT: 4.79 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX019862.D

Acq: 11 Dec 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

32834

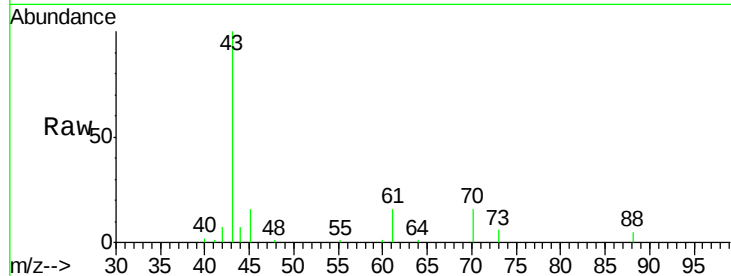
Tgt Ion: 43 Resp: 31773

Ion Ratio Lower Upper

43 100

61 15.9 12.8 19.2

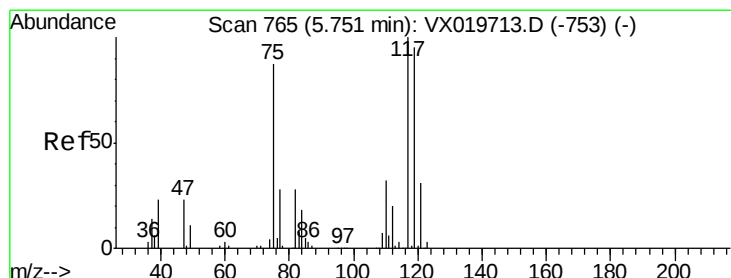
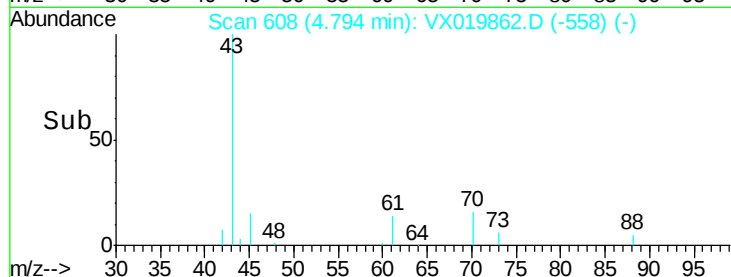
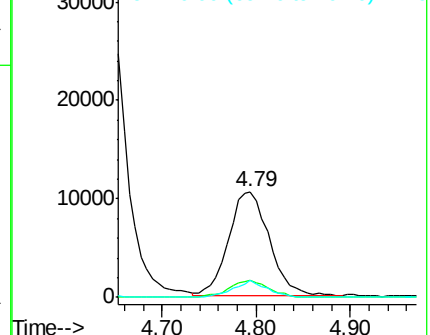
70 13.2 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 6.577 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.12 min

Lab File: VX019862.D

Acq: 11 Dec 2020 06:36

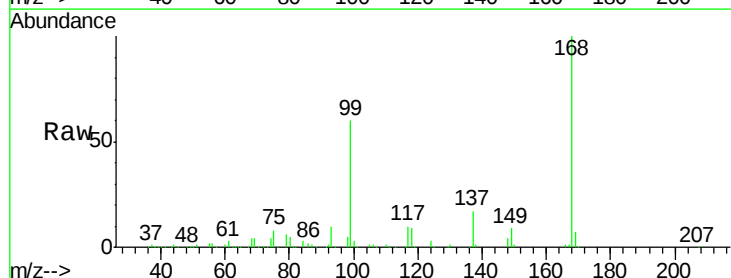
Tgt Ion: 117 Resp: 30667

Ion Ratio Lower Upper

117 100

119 4.8 76.2 114.2#

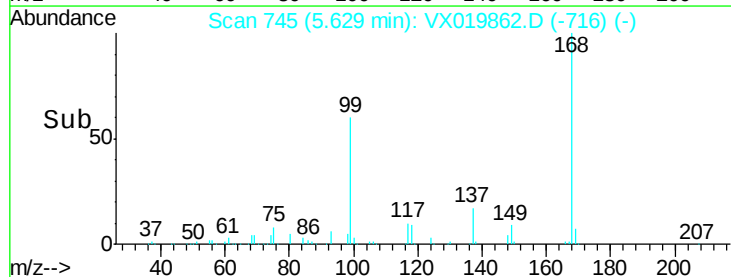
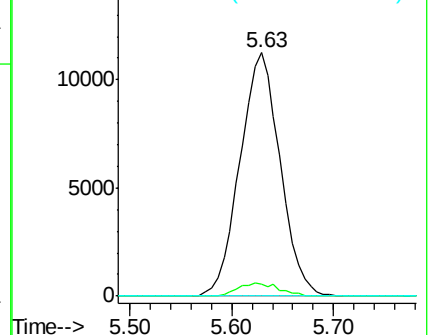
121 0.0 24.8 37.2#

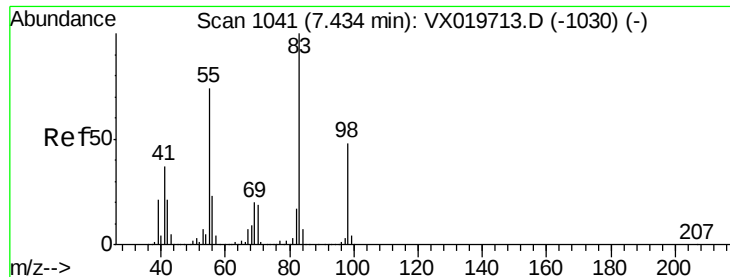


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

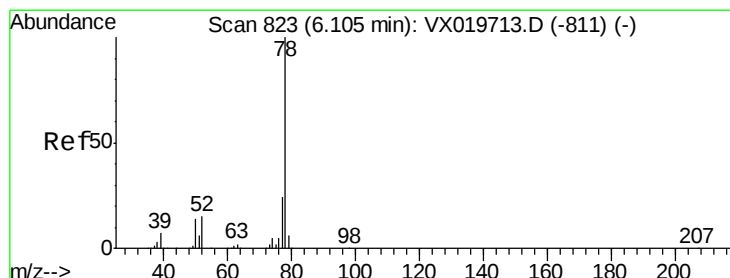
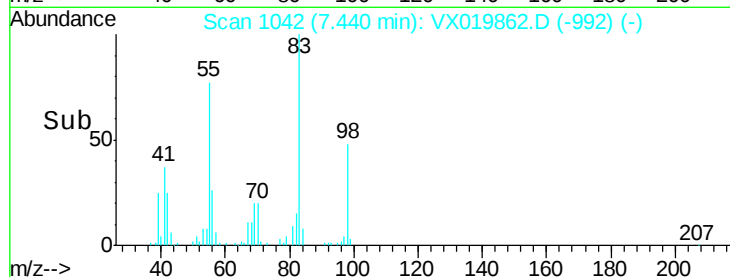
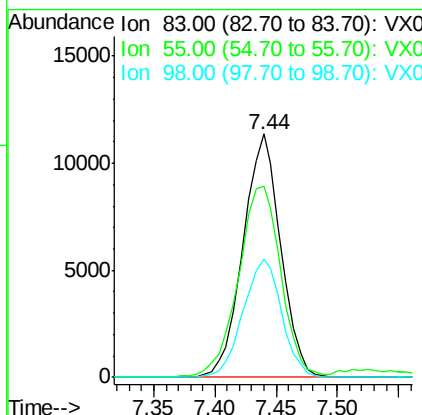
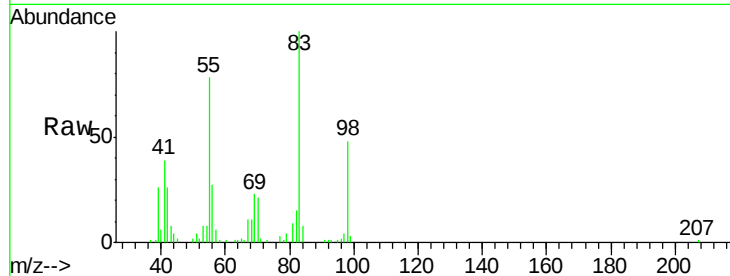




#39
Methylcyclohexane
Concen: 4.342 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019862.D
Acq: 11 Dec 2020 06:36

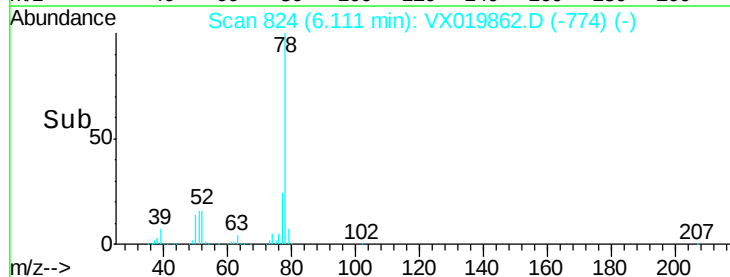
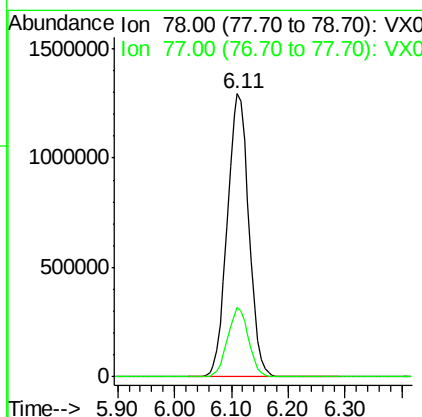
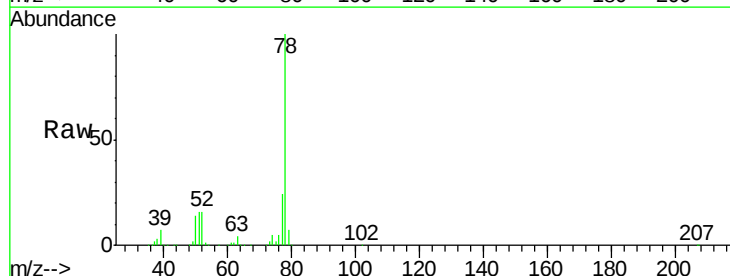
Instrument :
MSVOA_X
ClientSampled :
32834

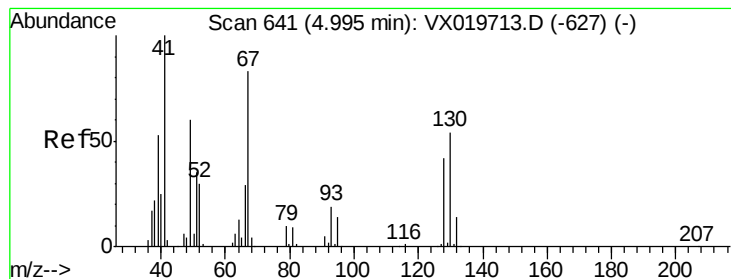
Tgt Ion: 83 Resp: 24289
Ion Ratio Lower Upper
83 100
55 77.7 58.9 88.3
98 48.4 38.1 57.1



#40
Benzene
Concen: 234.457 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019862.D
Acq: 11 Dec 2020 06:36

Tgt Ion: 78 Resp: 3410264
Ion Ratio Lower Upper
78 100
77 24.4 18.9 28.3





#41

Methacrylonitrile

Concen: 2.809 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.10 min

Lab File: VX019862.D

Acq: 11 Dec 2020 06:36

Instrument :

MSVOA_X

ClientSampled :

32834

Tgt Ion: 41 Resp: 7414

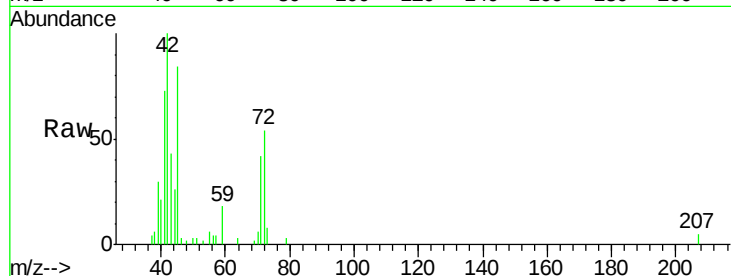
Ion Ratio Lower Upper

41 100

39 47.0 42.5 63.7

67 0.0 65.0 97.6#

52 0.0 25.3 37.9#

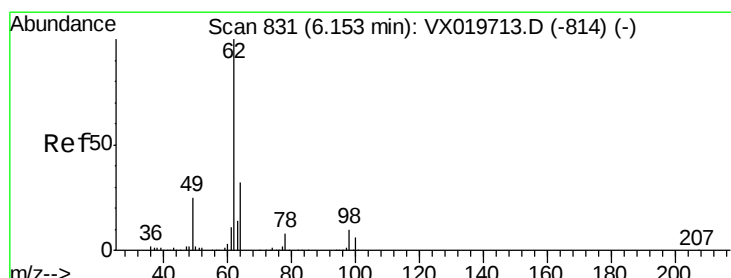
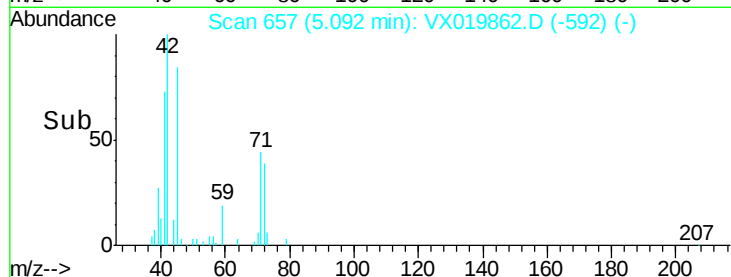
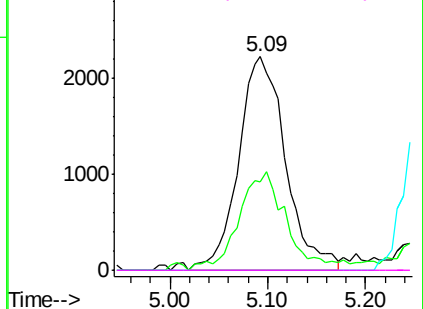


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 5.475 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.04 min

Lab File: VX019862.D

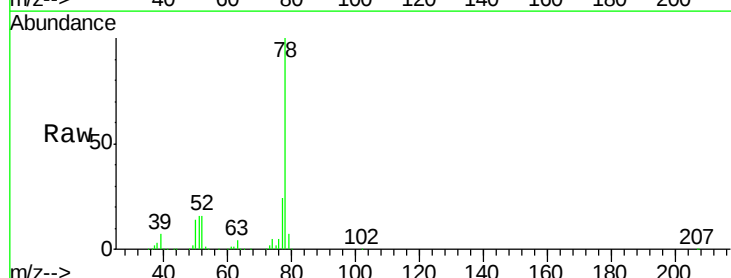
Acq: 11 Dec 2020 06:36

Tgt Ion: 62 Resp: 27211

Ion Ratio Lower Upper

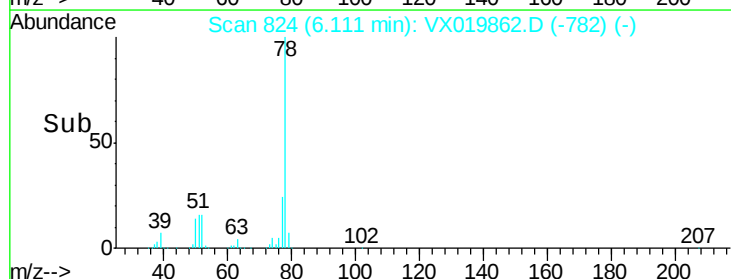
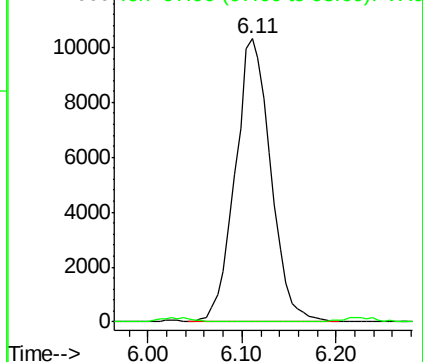
62 100

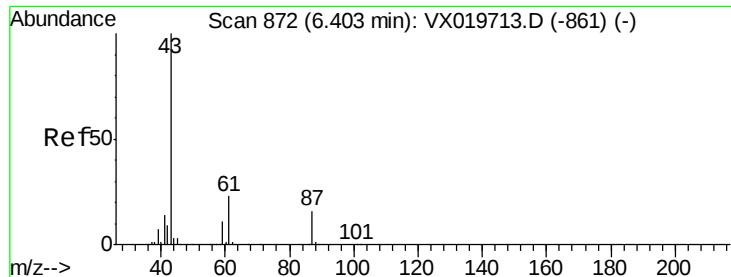
98 0.0 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 0.994 ug/l

RT: 6.40 min Scan# 871

Delta R.T. -0.01 min

Lab File: VX019862.D

Acq: 11 Dec 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

32834

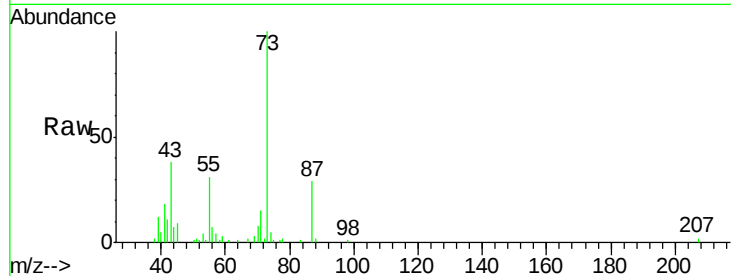
Tgt Ion: 43 Resp: 7771

Ion Ratio Lower Upper

43 100

61 0.0 18.2 27.4#

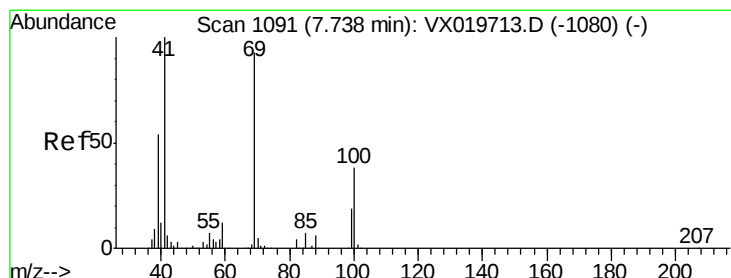
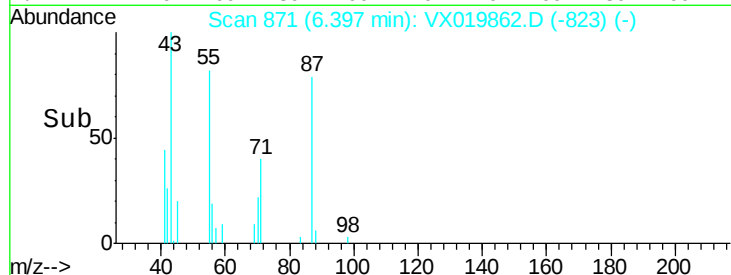
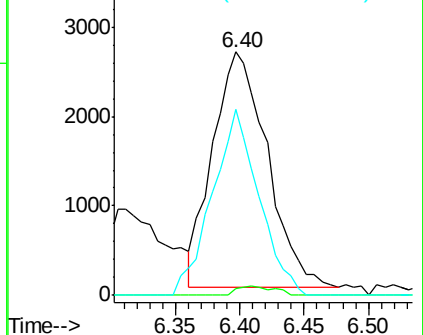
87 67.4 12.5 18.7#



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



#48

Methyl methacrylate

Concen: 0.561 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.02 min

Lab File: VX019862.D

Acq: 11 Dec 2020 06:36

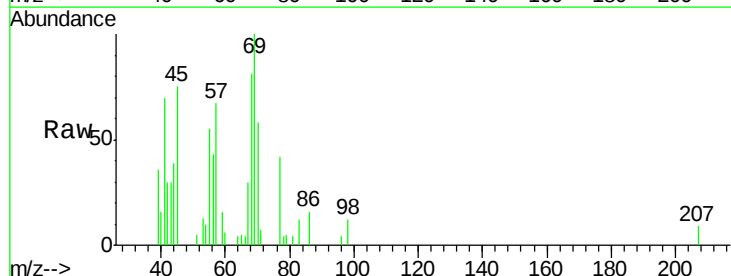
Tgt Ion: 41 Resp: 2158

Ion Ratio Lower Upper

41 100

69 142.9 76.0 114.0#

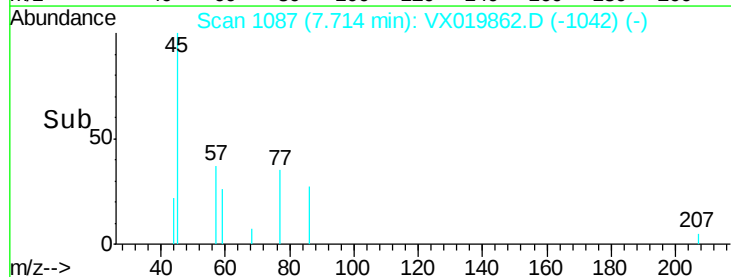
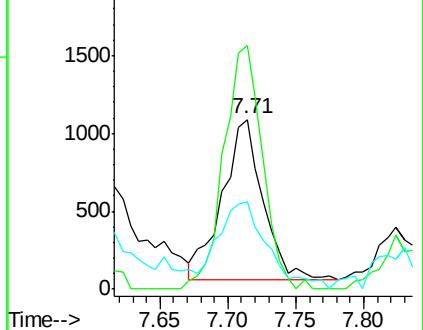
39 66.0 44.6 67.0

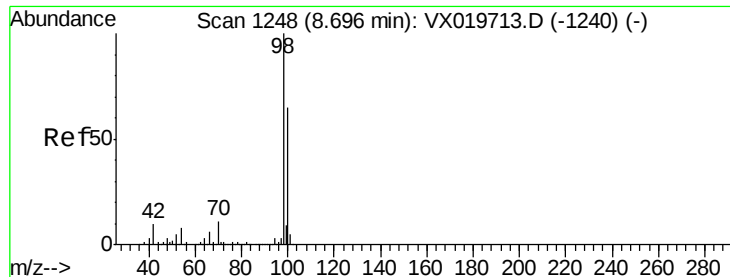


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#50

Toluene-d8

Concen: 49.827 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019862.D

Acq: 11 Dec 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

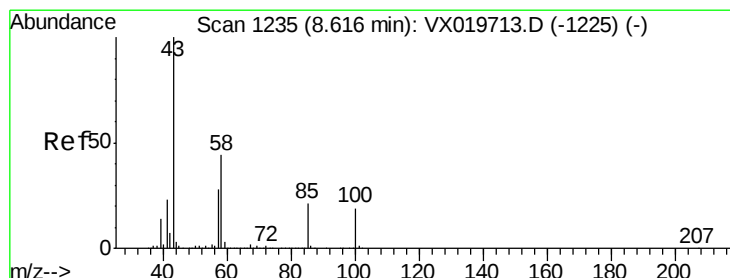
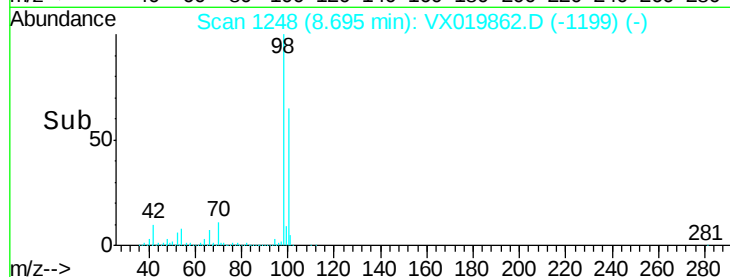
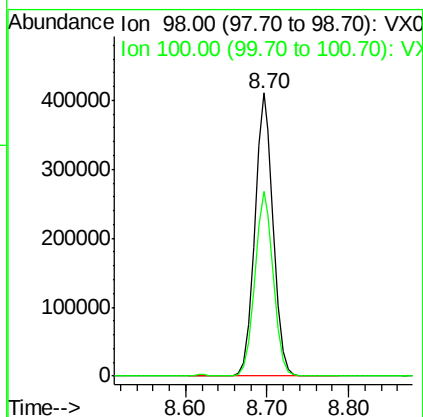
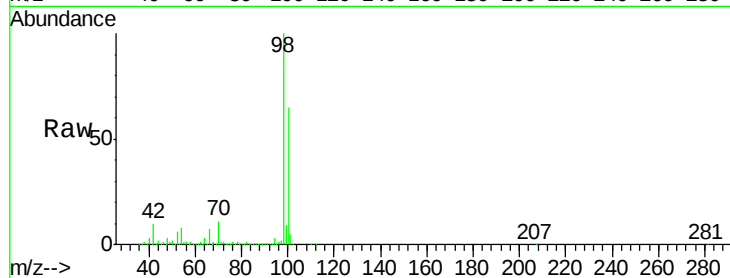
32834

Tgt Ion: 98 Resp: 647828

Ion Ratio Lower Upper

98 100

100 65.7 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 3.721 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VX019862.D

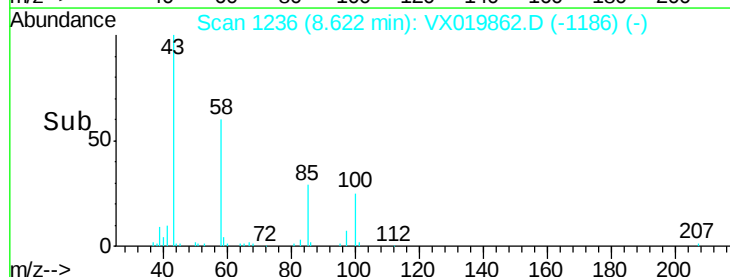
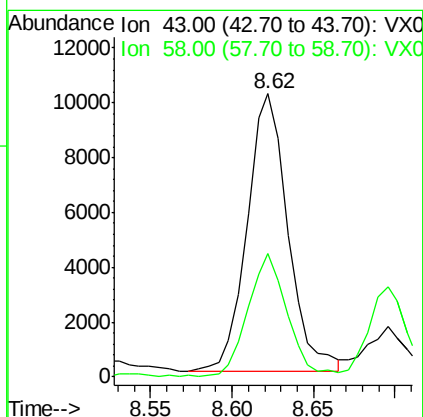
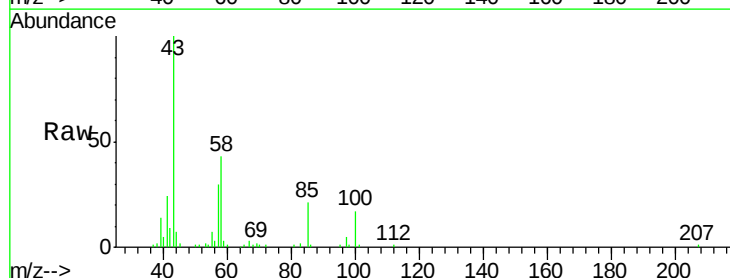
Acq: 11 Dec 2020 06:36

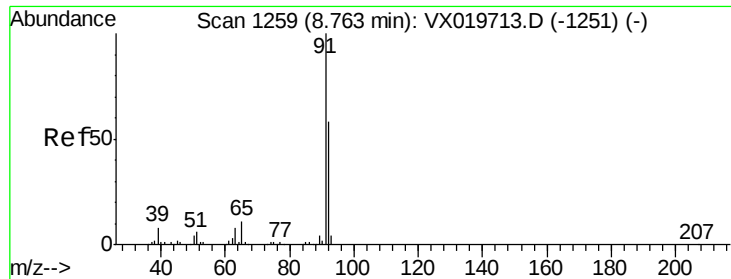
Tgt Ion: 43 Resp: 17755

Ion Ratio Lower Upper

43 100

58 42.6 35.4 53.0





#52

Toluene

Concen: 1255.396 ug/l

RT: 8.77 min Scan# 1261

Delta R.T. 0.01 min

Lab File: VX019862.D

Acq: 11 Dec 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

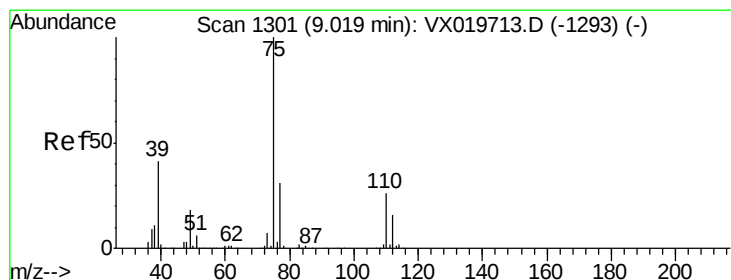
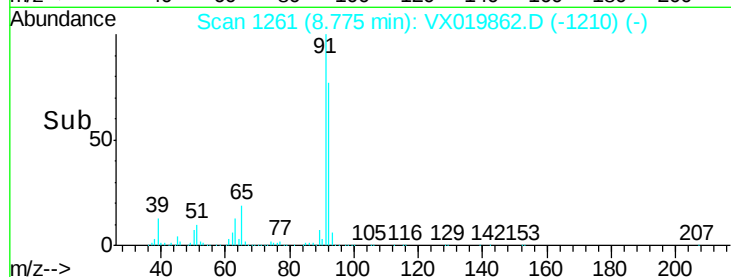
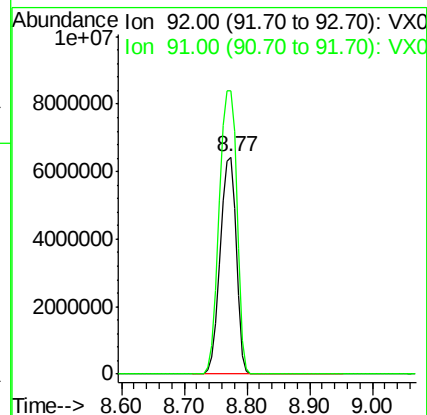
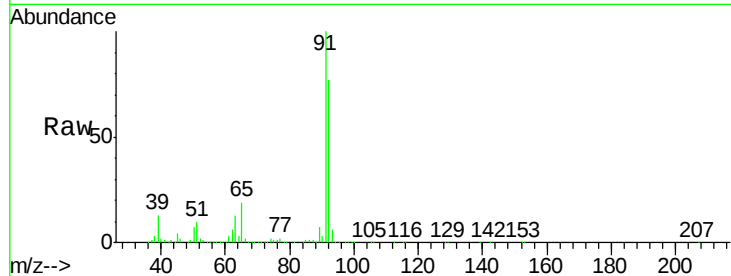
32834

Tgt Ion: 92 Resp:11420654

Ion Ratio Lower Upper

92 100

91 144.4 137.1 205.7



#53

t-1,3-Dichloropropene

Concen: 28.214 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.25 min

Lab File: VX019862.D

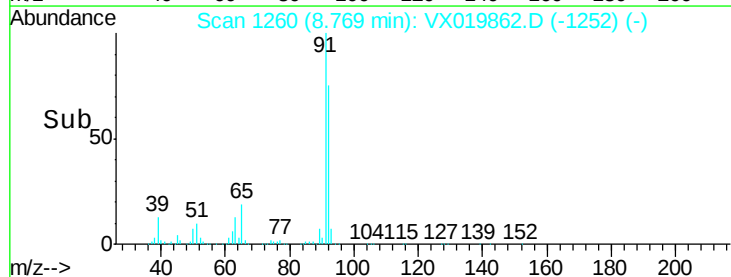
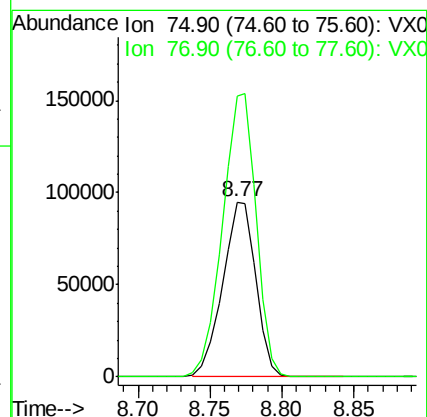
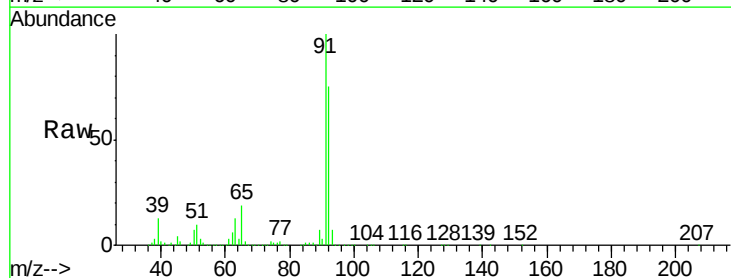
Acq: 11 Dec 2020 06:36

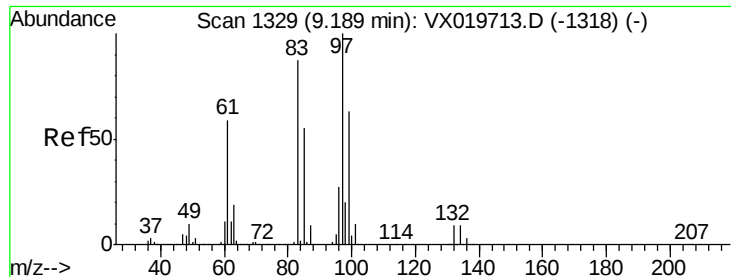
Tgt Ion: 75 Resp: 152518

Ion Ratio Lower Upper

75 100

77 160.8 24.9 37.3#

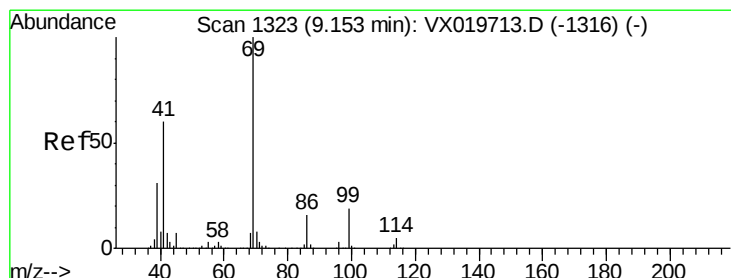
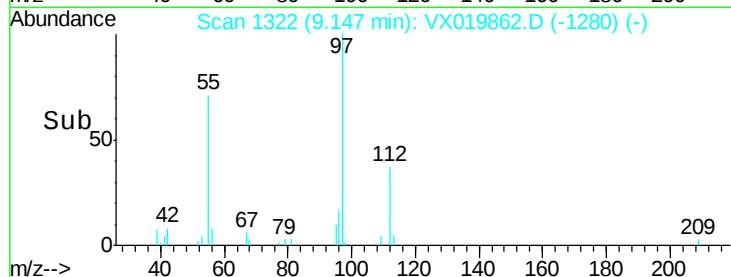
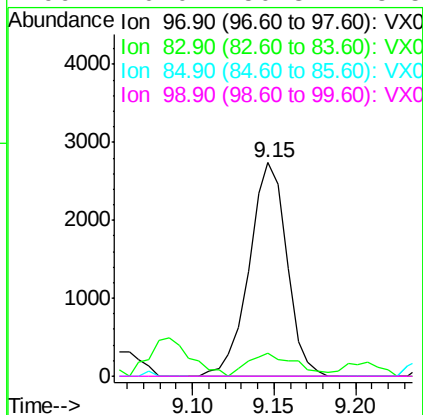
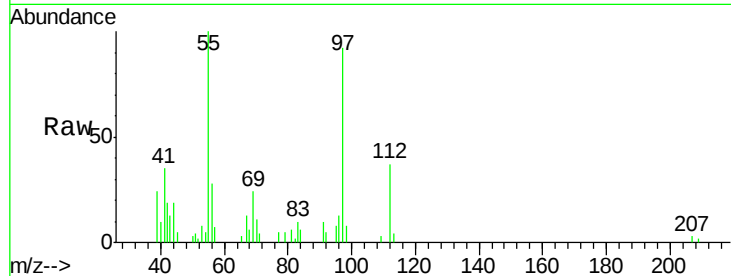




#55
 1,1,2-Trichloroethane
 Concen: 1.201 ug/l
 RT: 9.15 min Scan# 1322
 Delta R.T. -0.04 min
 Lab File: VX019862.D
 Acq: 11 Dec 2020 06:36

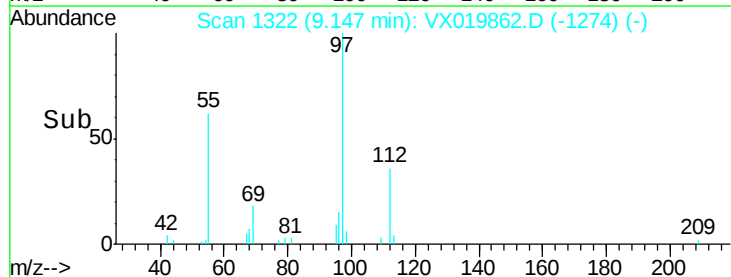
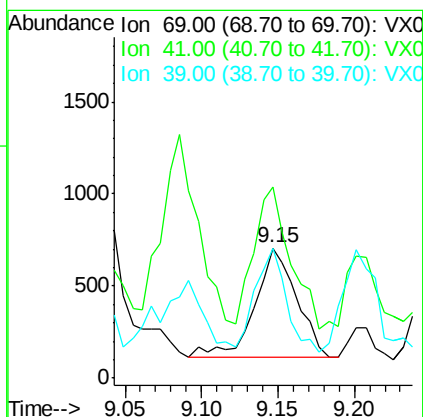
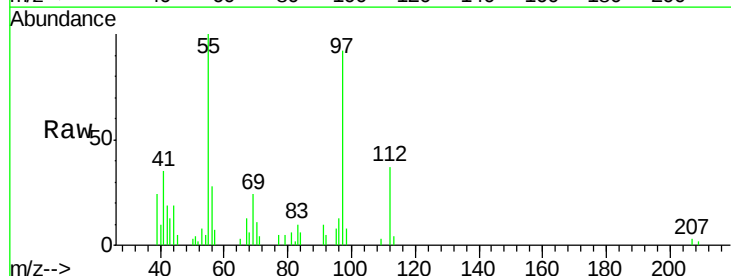
Instrument :
 MSVOA_X
 ClientSampleId :
 32834

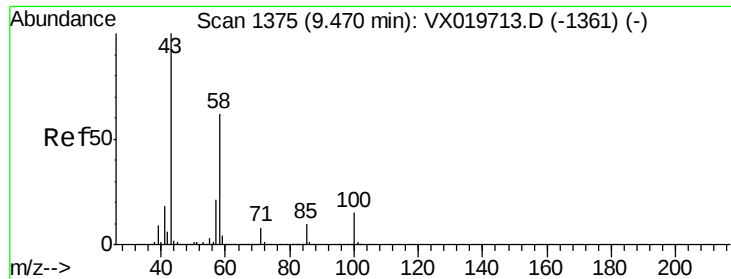
Tgt Ion: 97 Resp: 4404
 Ion Ratio Lower Upper
 97 100
 83 8.8 69.3 103.9#
 85 0.0 44.3 66.5#
 99 0.0 50.3 75.5#



#56
 Ethyl methacrylate
 Concen: 0.206 ug/l
 RT: 9.15 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX019862.D
 Acq: 11 Dec 2020 06:36

Tgt Ion: 69 Resp: 1143
 Ion Ratio Lower Upper
 69 100
 41 112.1 46.8 70.2#
 39 70.0 24.7 37.1#

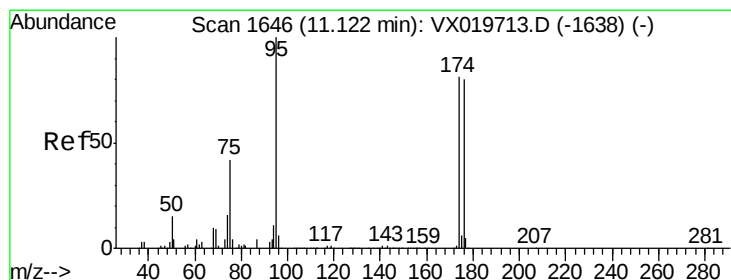
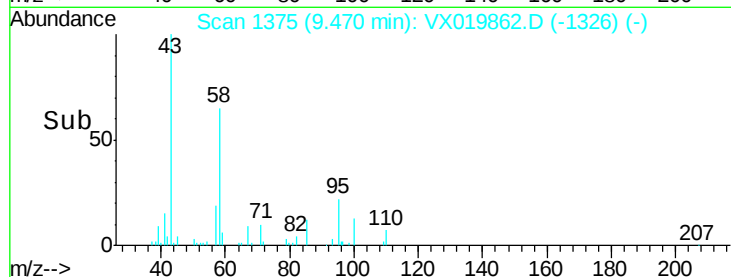
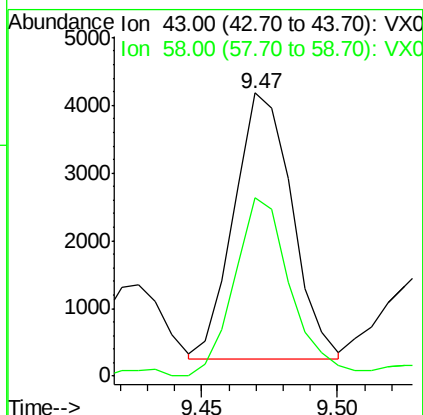
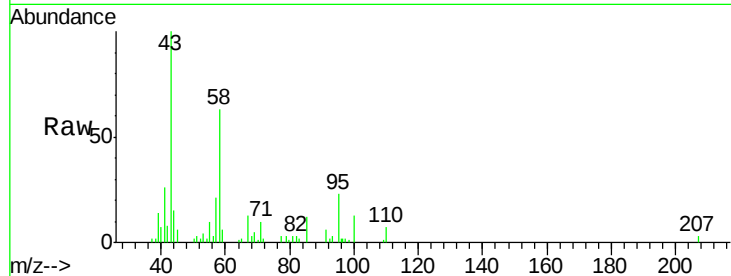




#59
 2-Hexanone
 Concen: 1.568 ug/l
 RT: 9.47 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: VX019862.D
 Acq: 11 Dec 2020 06:36

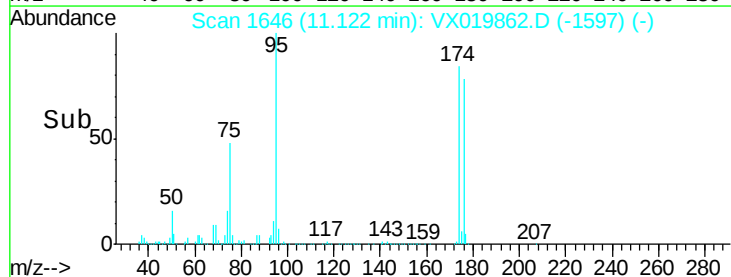
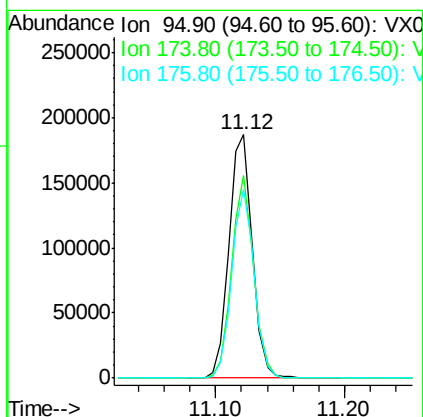
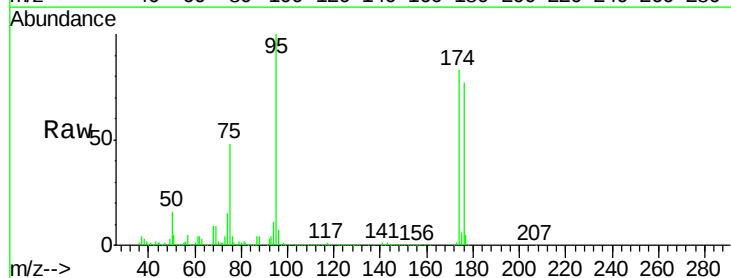
Instrument :
 MSVOA_X
 ClientSampleId :
 32834

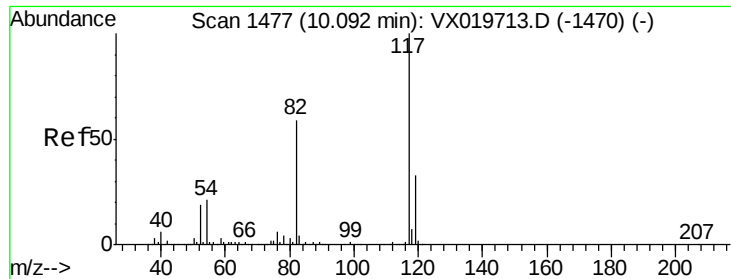
Tgt Ion: 43 Resp: 5801
 Ion Ratio Lower Upper
 43 100
 58 64.9 30.9 92.8



#62
 4-Bromofluorobenzene
 Concen: 48.099 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019862.D
 Acq: 11 Dec 2020 06:36

Tgt Ion: 95 Resp: 238022
 Ion Ratio Lower Upper
 95 100
 174 78.1 0.0 154.6
 176 74.3 0.0 155.8

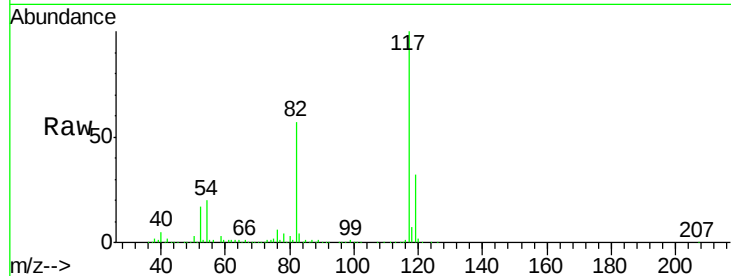




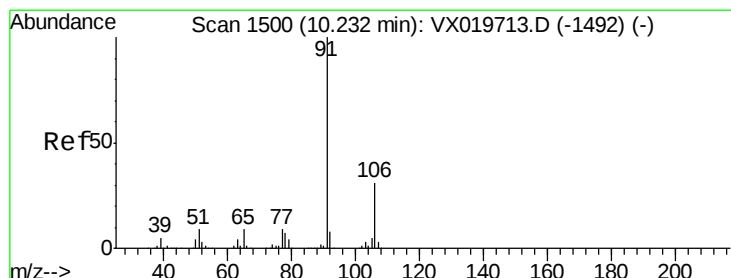
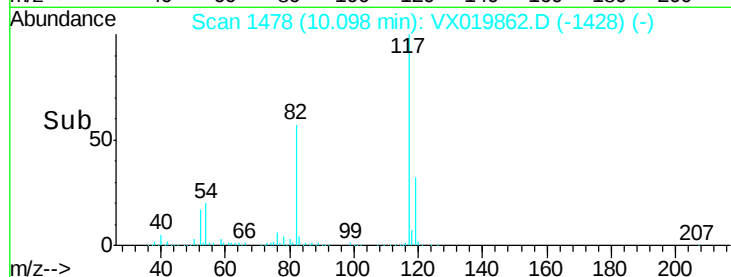
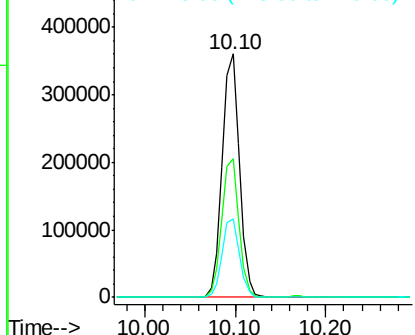
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019862.D
Acq: 11 Dec 2020 06:36

Instrument :
MSVOA_X
ClientSampleId :
32834

Tgt Ion: 117 Resp: 480102
Ion Ratio Lower Upper
117 100
82 56.7 47.4 71.2
119 32.3 26.6 39.8

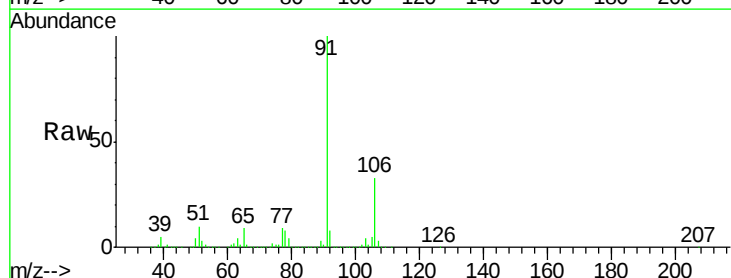


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

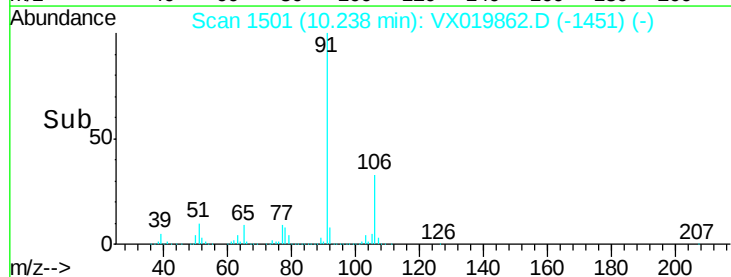
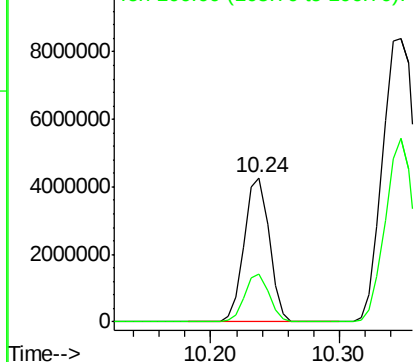


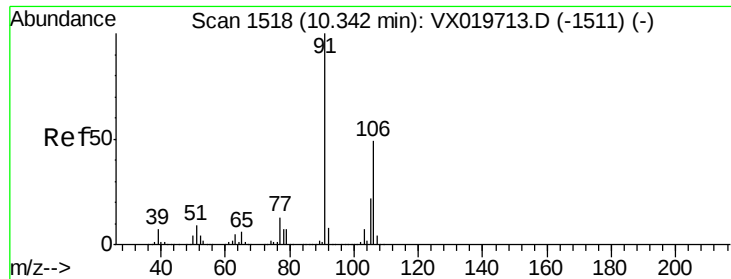
#67
Ethyl Benzene
Concen: 337.407 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX019862.D
Acq: 11 Dec 2020 06:36

Tgt Ion: 91 Resp: 5728570
Ion Ratio Lower Upper
91 100
106 33.3 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

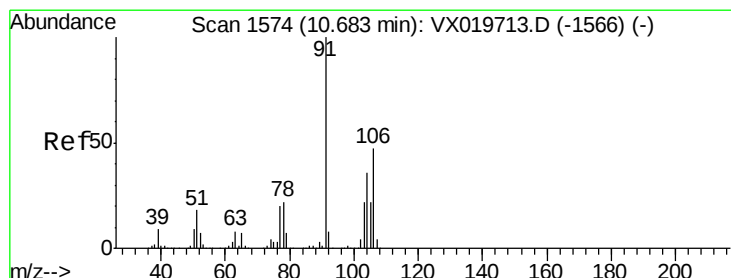
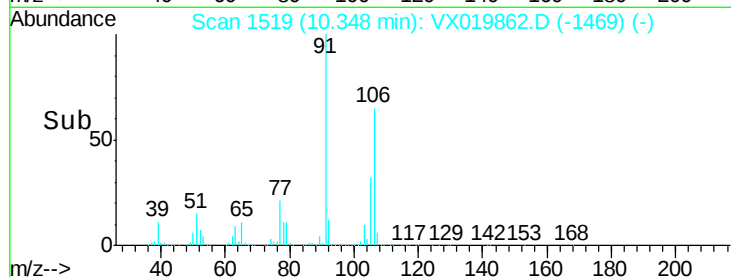
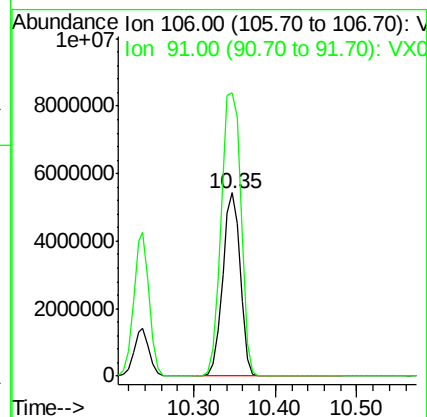
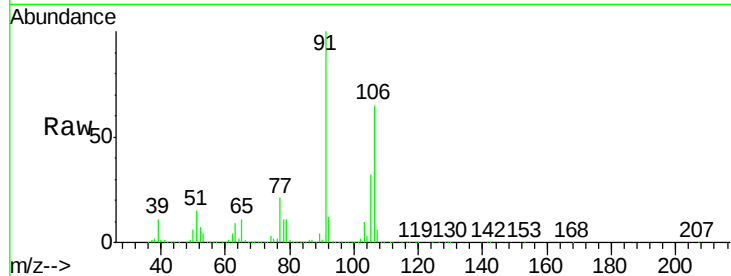




#68
m/p-Xylenes
Concen: 1280.105 ug/l
RT: 10.35 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VX019862.D
Acq: 11 Dec 2020 06:36

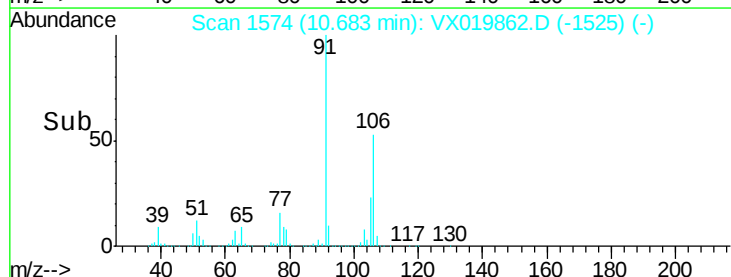
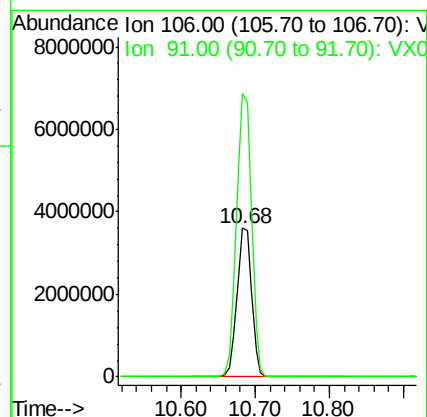
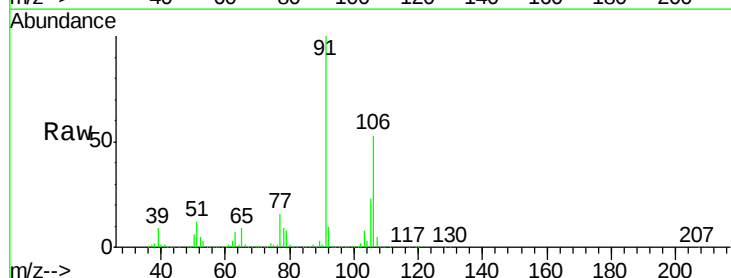
Instrument :
MSVOA_X
ClientSampleId :
32834

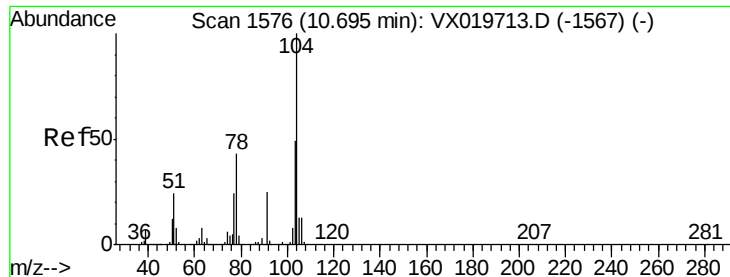
Tgt Ion:106 Resp: 8189661
Ion Ratio Lower Upper
106 100
91 176.1 162.8 244.2



#69
o-Xylene
Concen: 811.387 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019862.D
Acq: 11 Dec 2020 06:36

Tgt Ion:106 Resp: 4993437
Ion Ratio Lower Upper
106 100
91 197.4 108.1 324.2





#70

Styrene

Concen: 25.889 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.01 min

Lab File: VX019862.D

Acq: 11 Dec 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

32834

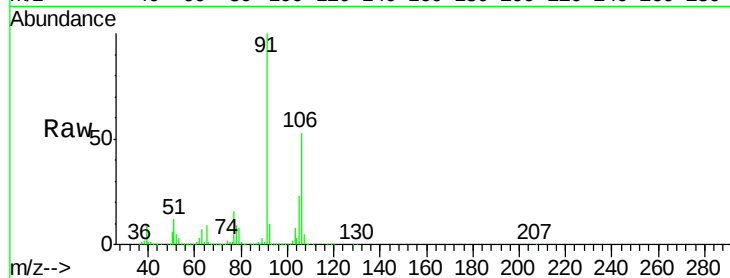
Tgt Ion:104 Resp: 268924

Ion Ratio Lower Upper

104 100

78 290.4 40.0 60.0#

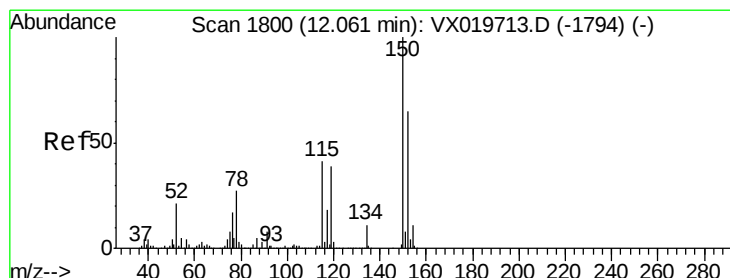
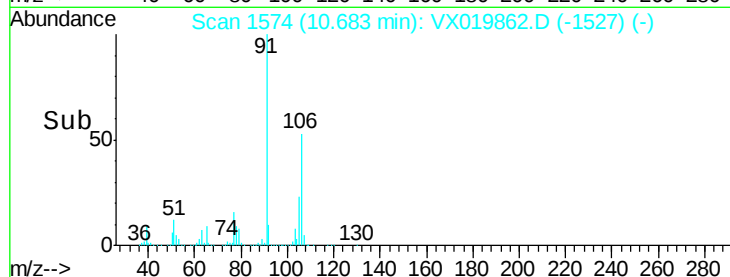
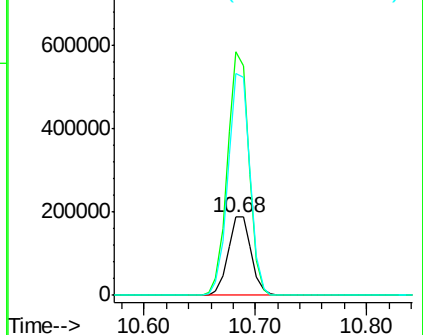
103 269.3 43.4 65.0#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

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: VX019862.D

Acq: 11 Dec 2020 06:36

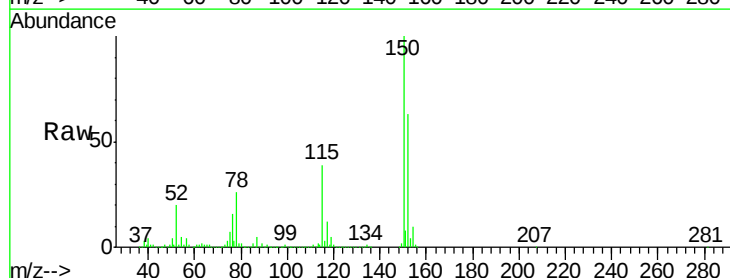
Tgt Ion:152 Resp: 233901

Ion Ratio Lower Upper

152 100

115 61.5 41.1 123.3

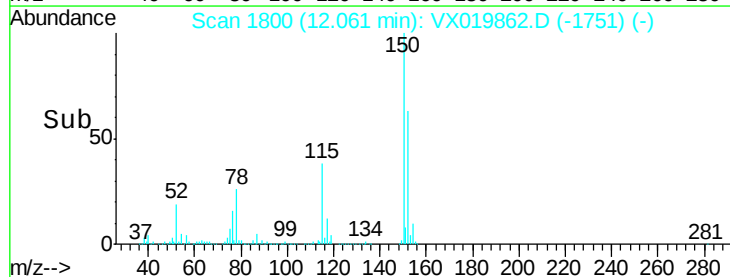
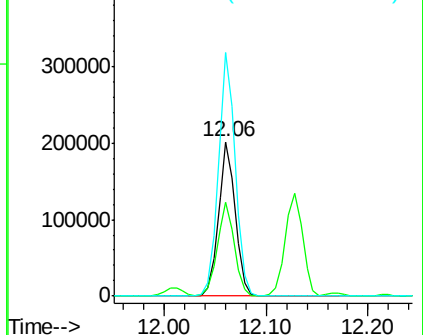
150 159.1 0.0 349.0

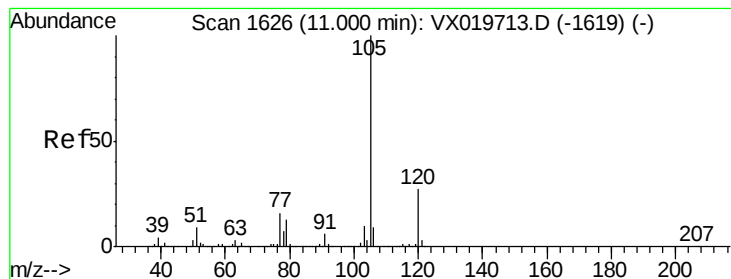


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.992 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019862.D

Acq: 11 Dec 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

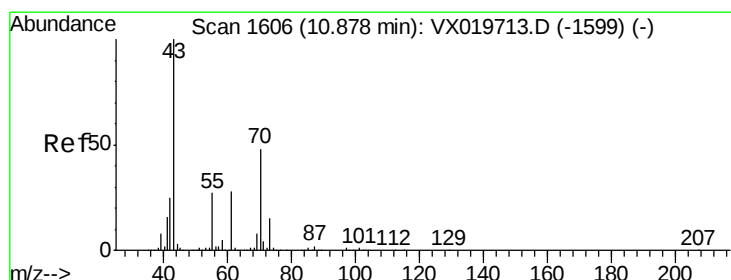
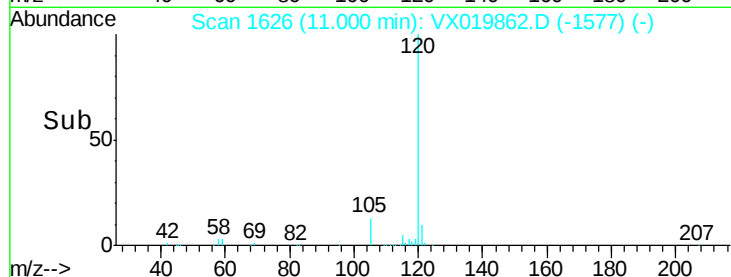
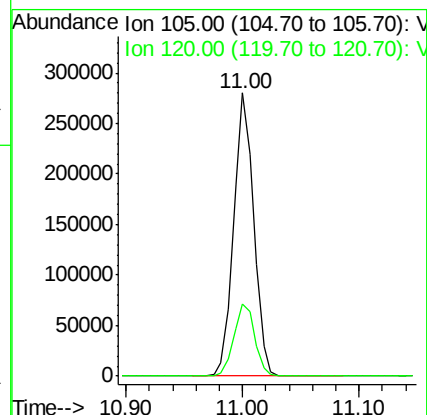
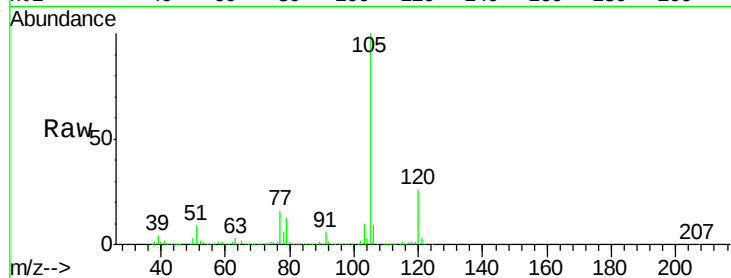
32834

Tgt Ion:105 Resp: 335461

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6



#74

N-ethyl acetate

Concen: 0.542 ug/l

RT: 10.93 min Scan# 1615

Delta R.T. 0.05 min

Lab File: VX019862.D

Acq: 11 Dec 2020 06:36

Tgt Ion: 43 Resp: 3473

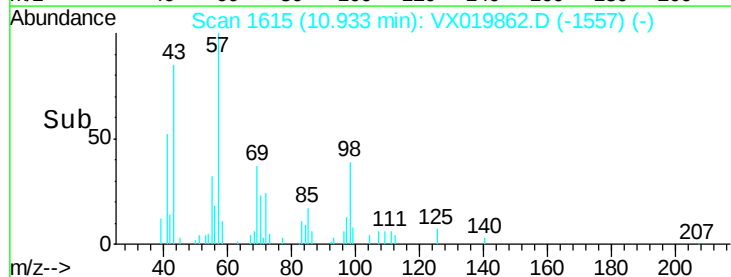
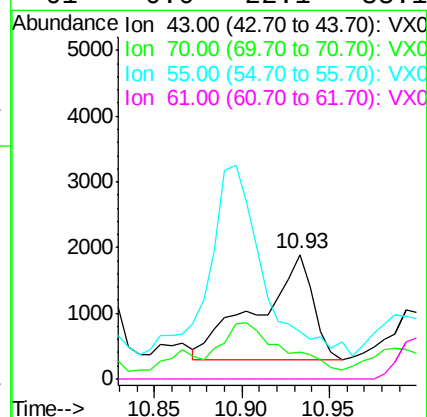
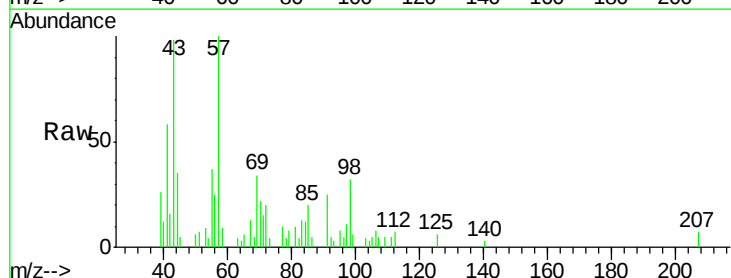
Ion Ratio Lower Upper

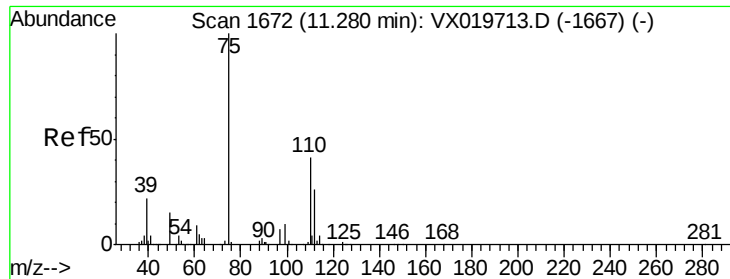
43 100

70 0.0 39.0 58.6#

55 0.0 21.5 32.3#

61 0.0 22.1 33.1#

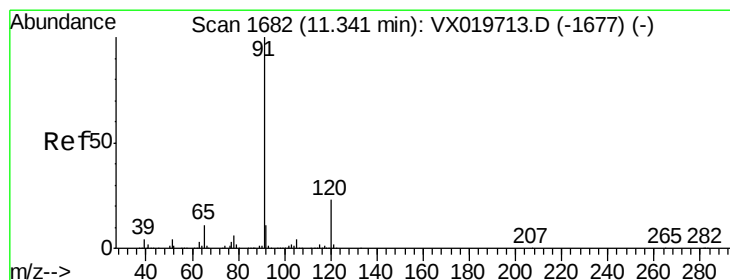
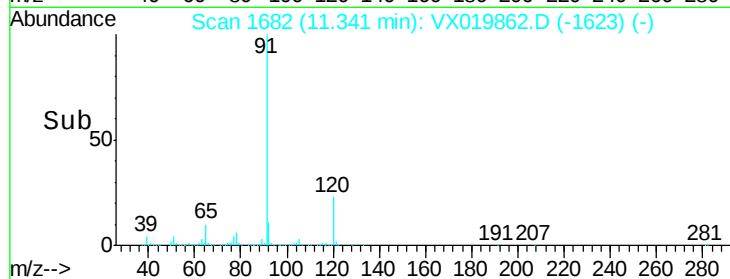
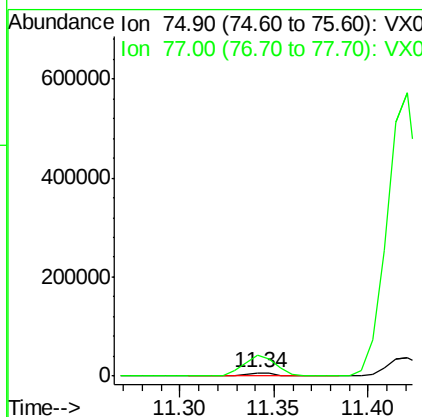
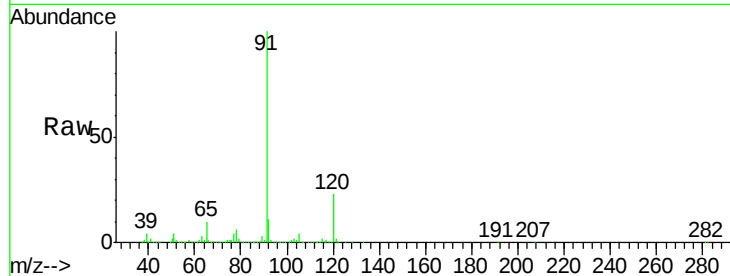




#76
 1,2,3-Trichloropropane
 Concen: 1.472 ug/l
 RT: 11.34 min Scan# 1682
 Delta R.T. 0.06 min
 Lab File: VX019862.D
 Acq: 11 Dec 2020 06:36

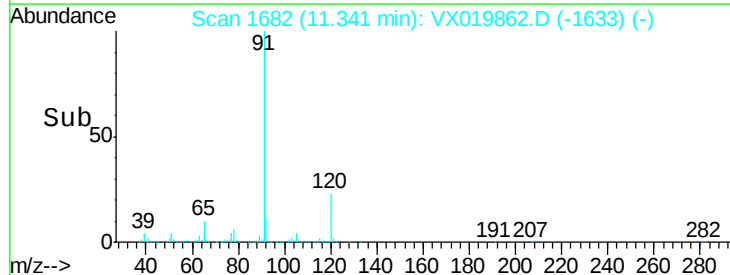
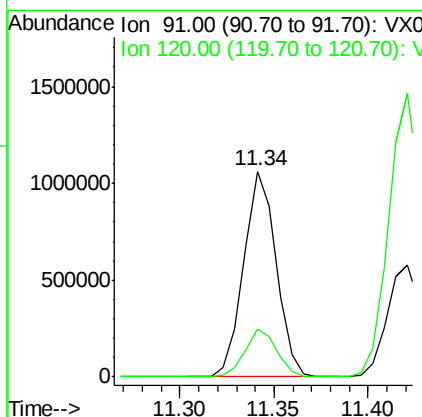
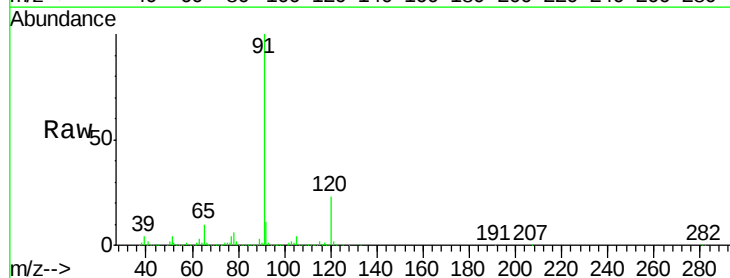
Instrument :
 MSVOA_X
 ClientSampleId :
 32834

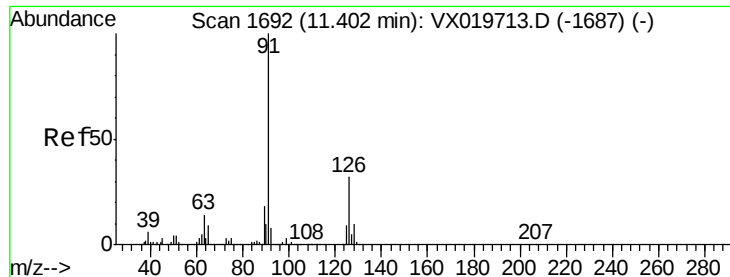
Tgt Ion: 75 Resp: 7721
 Ion Ratio Lower Upper
 75 100
 77 644.8 19.1 57.5#



#78
 n-propylbenzene
 Concen: 69.686 ug/l
 RT: 11.34 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: VX019862.D
 Acq: 11 Dec 2020 06:36

Tgt Ion: 91 Resp: 1271875
 Ion Ratio Lower Upper
 91 100
 120 22.5 11.5 34.5

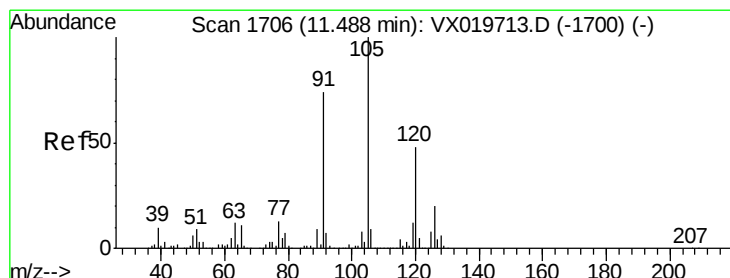
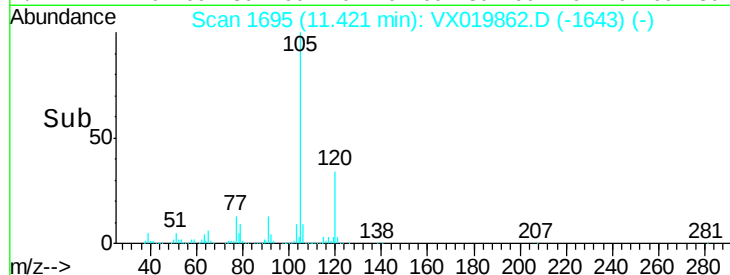
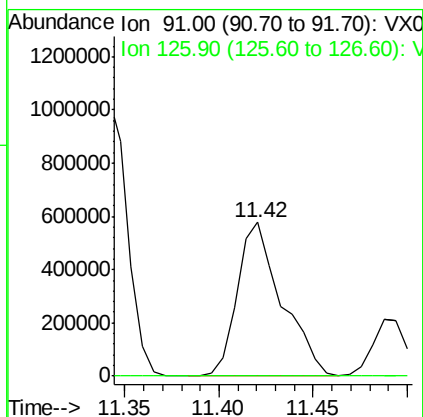
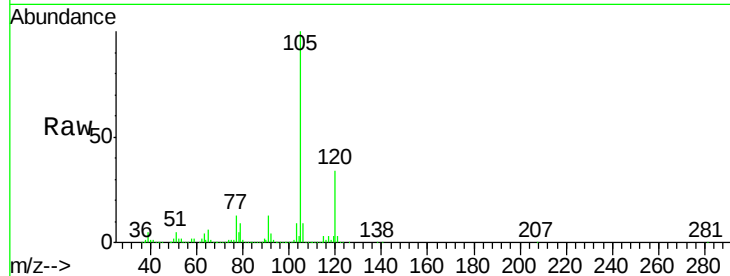




#79
 2-Chlorotoluene
 Concen: 84.166 ug/l
 RT: 11.42 min Scan# 1695
 Delta R.T. 0.02 min
 Lab File: VX019862.D
 Acq: 11 Dec 2020 06:36

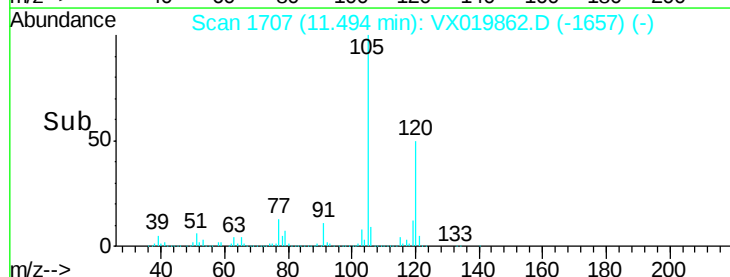
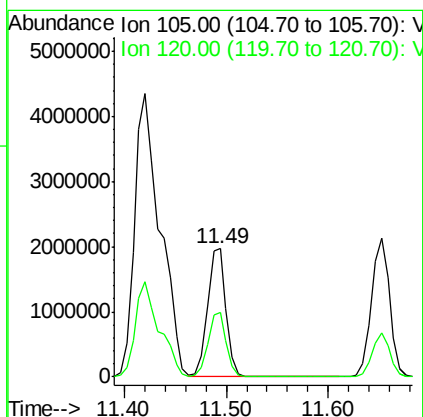
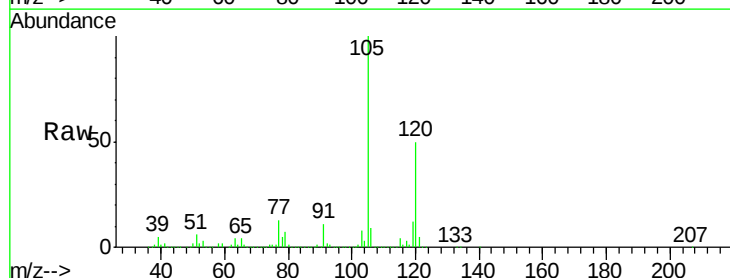
Instrument :
 MSVOA_X
 ClientSampled :
 32834

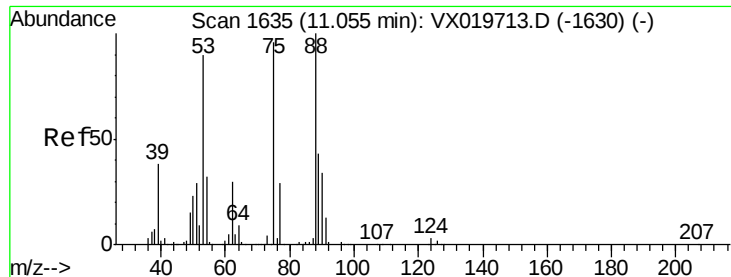
Tgt Ion: 91 Resp: 945994
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.6 49.8#



#80
 1,3,5-Trimethylbenzene
 Concen: 184.283 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX019862.D
 Acq: 11 Dec 2020 06:36

Tgt Ion: 105 Resp: 2485366
 Ion Ratio Lower Upper
 105 100
 120 49.2 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 2.246 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.06 min

Lab File: VX019862.D

Acq: 11 Dec 2020 06:36

Instrument :

MSVOA_X

ClientSampleId :

32834

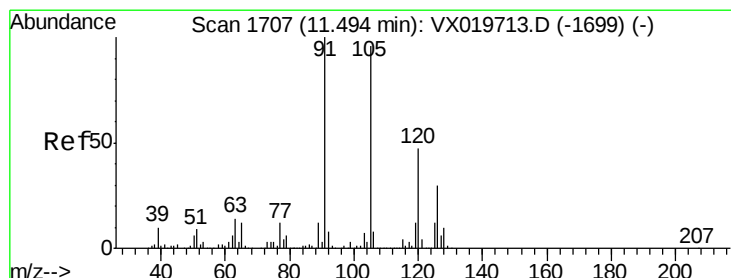
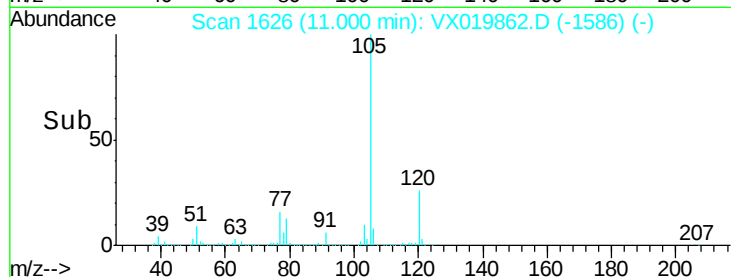
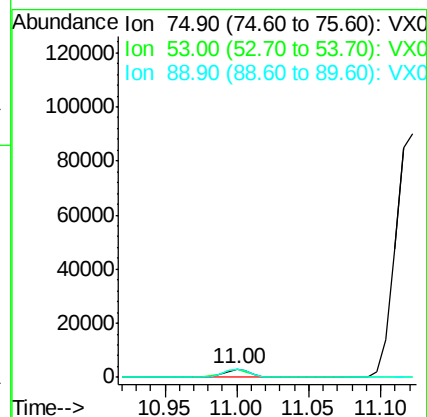
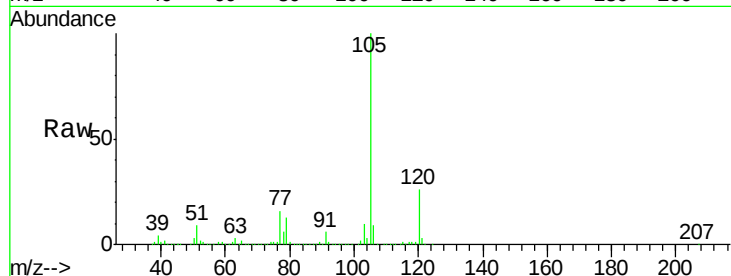
Tgt Ion: 75 Resp: 4075

Ion Ratio Lower Upper

75 100

53 95.6 74.5 111.7

89 98.7 37.9 56.9#



#82

4-Chlorotoluene

Concen: 19.959 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX019862.D

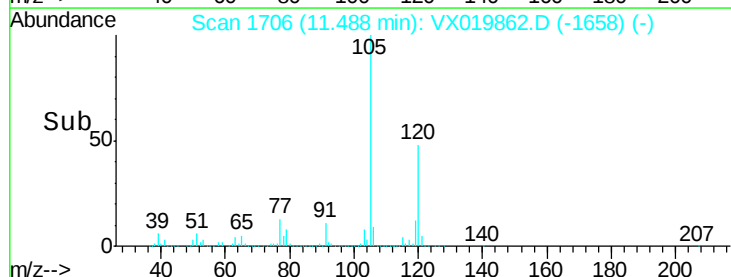
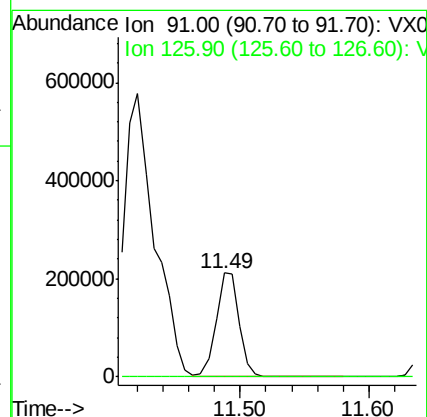
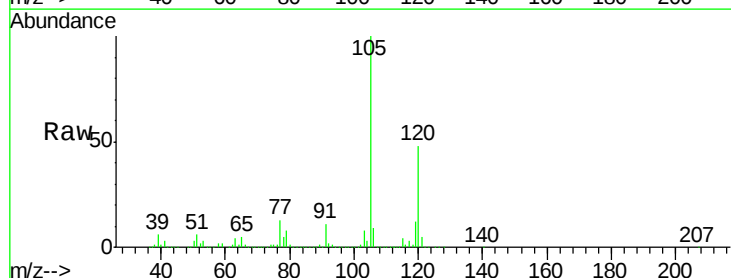
Acq: 11 Dec 2020 06:36

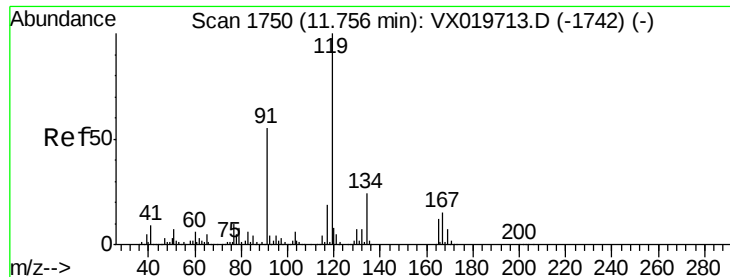
Tgt Ion: 91 Resp: 262728

Ion Ratio Lower Upper

91 100

126 0.0 14.9 44.5#





#83

tert-Butylbenzene

Concen: 99.158 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.04 min

Lab File: VX019862.D

Acq: 11 Dec 2020 06:36

Instrument :

MSVOA_X

ClientSampled :

32834

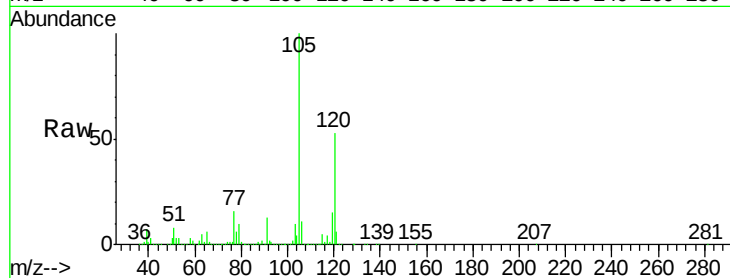
Tgt Ion:119 Resp: 1311577

Ion Ratio Lower Upper

119 100

91 89.3 27.9 83.7#

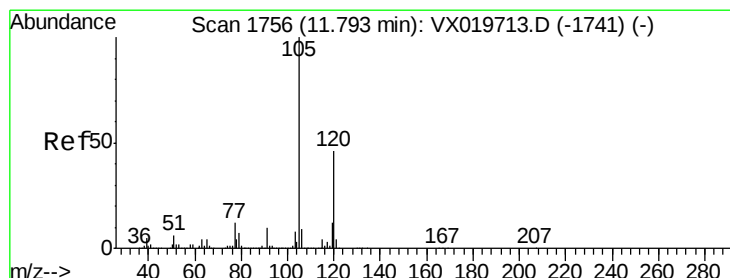
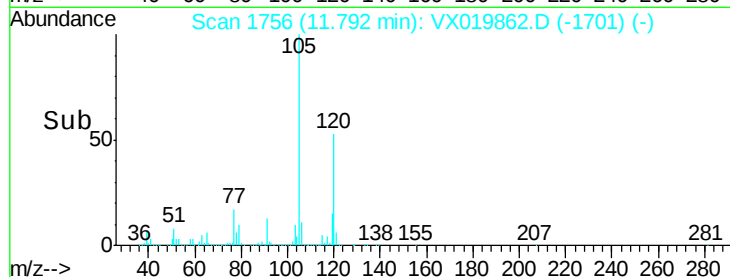
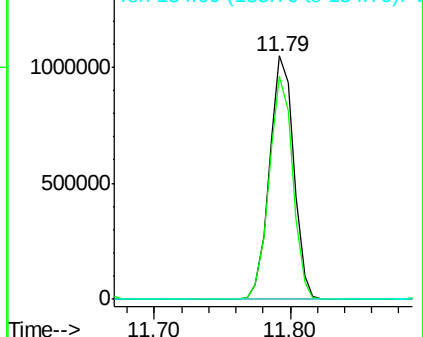
134 0.0 11.3 33.9#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 706.515 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX019862.D

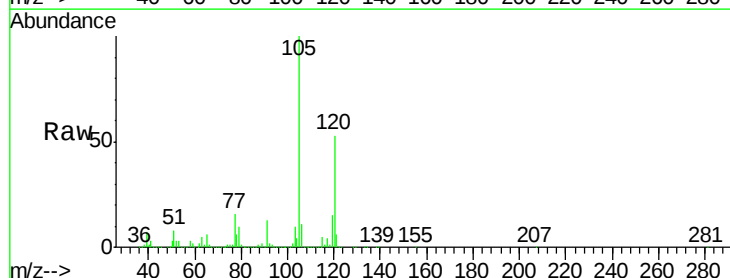
Acq: 11 Dec 2020 06:36

Tgt Ion:105 Resp: 9598272

Ion Ratio Lower Upper

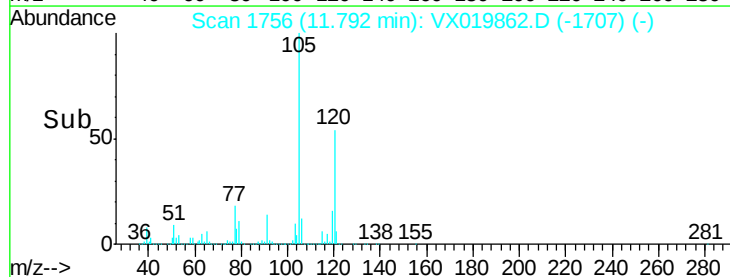
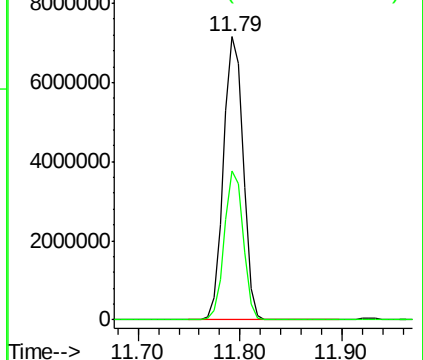
105 100

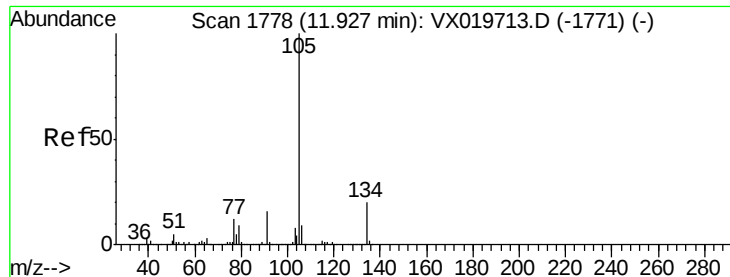
120 50.1 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

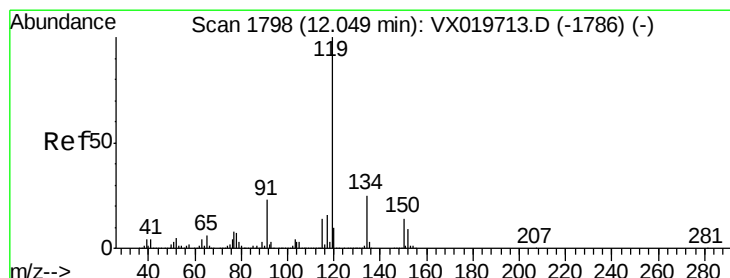
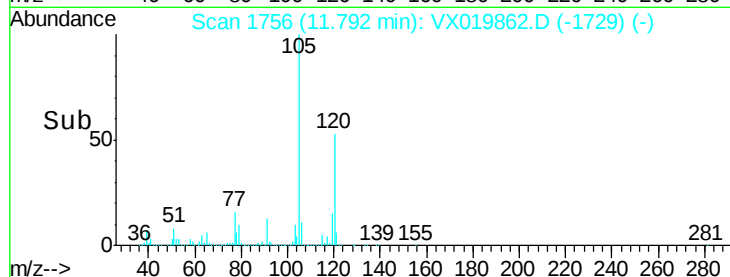
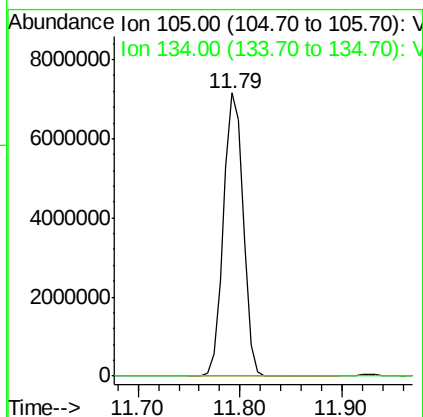
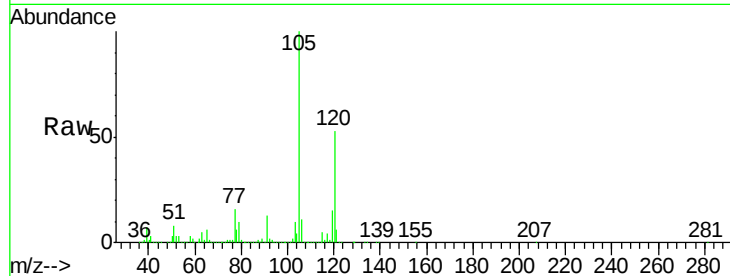




#85
 sec-Butylbenzene
 Concen: 635.579 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.13 min
 Lab File: VX019862.D
 Acq: 11 Dec 2020 06:36

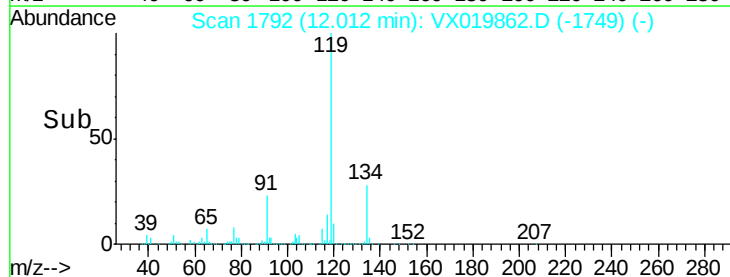
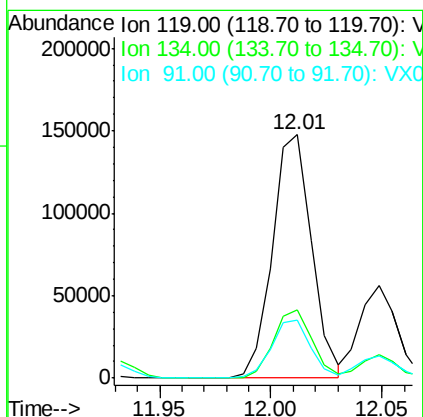
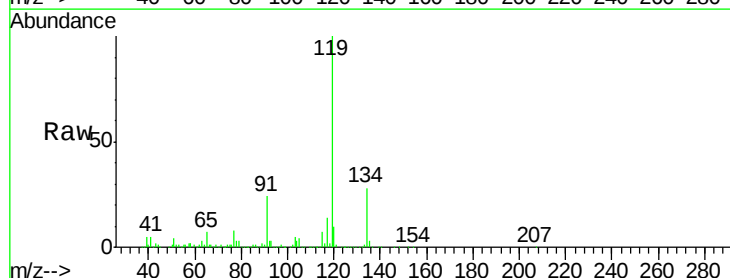
Instrument :
 MSVOA_X
 ClientSampled :
 32834

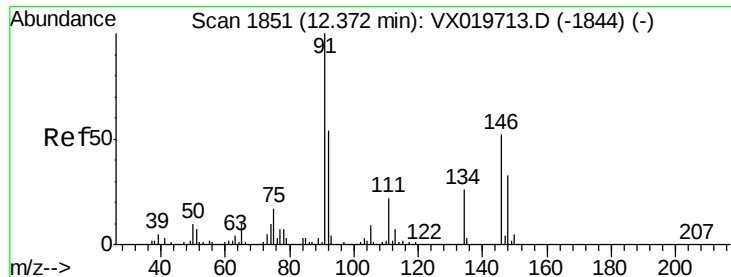
Tgt Ion:105 Resp: 9598272
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.0 29.8#



#86
 p-Isopropyltoluene
 Concen: 12.986 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.04 min
 Lab File: VX019862.D
 Acq: 11 Dec 2020 06:36

Tgt Ion:119 Resp: 179730
 Ion Ratio Lower Upper
 119 100
 134 27.6 12.9 38.7
 91 23.5 11.7 35.0





#89

n-Butylbenzene

Concen: 27.754 ug/l

RT: 12.36 min Scan# 1849

Delta R.T. -0.01 min

Lab File: VX019862.D

Acq: 11 Dec 2020 06:36

Instrument :

MSVOA_X

ClientSampled :

32834

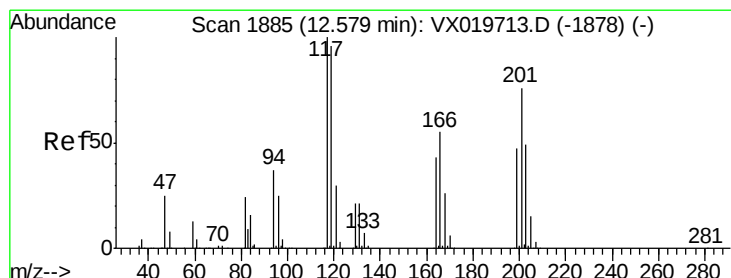
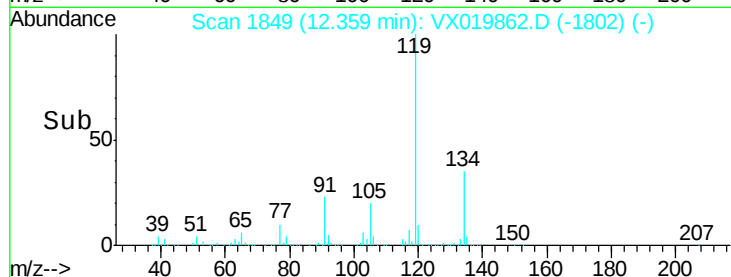
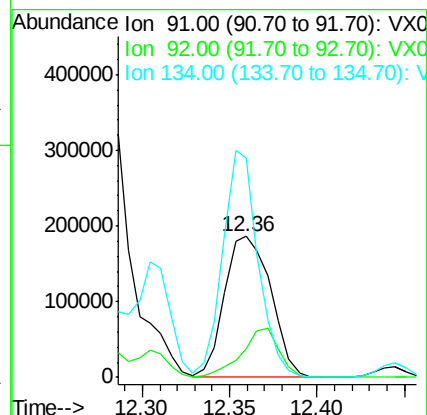
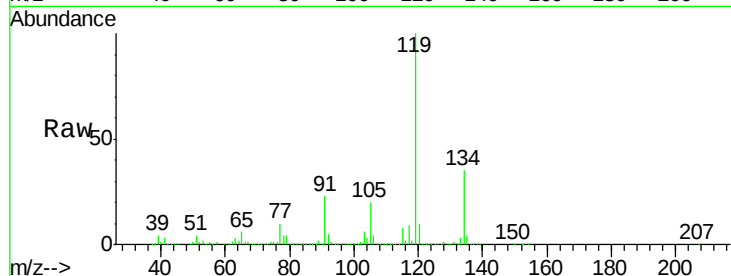
Tgt Ion: 91 Resp: 340319

Ion Ratio Lower Upper

91 100

92 28.3 27.4 82.0

134 123.3 13.2 39.5#



#90

Hexachloroethane

Concen: 35.044 ug/l

RT: 12.57 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX019862.D

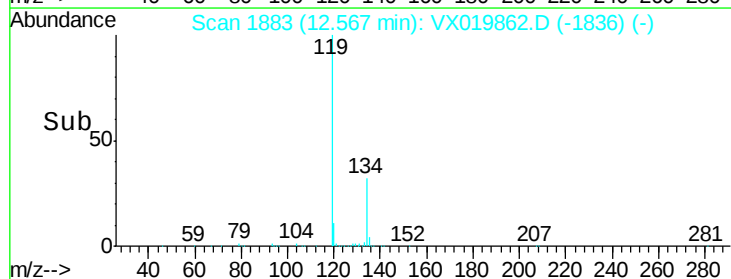
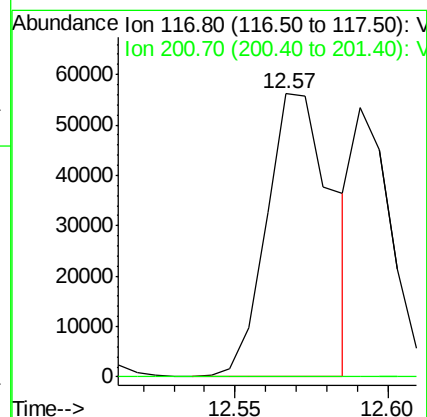
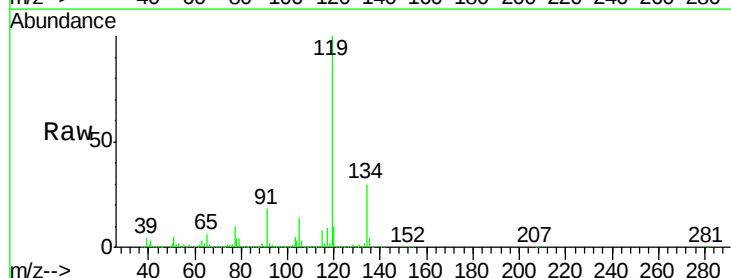
Acq: 11 Dec 2020 06:36

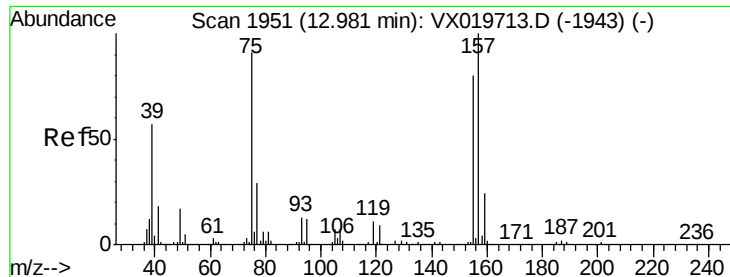
Tgt Ion: 117 Resp: 83737

Ion Ratio Lower Upper

117 100

201 0.0 40.4 121.2#

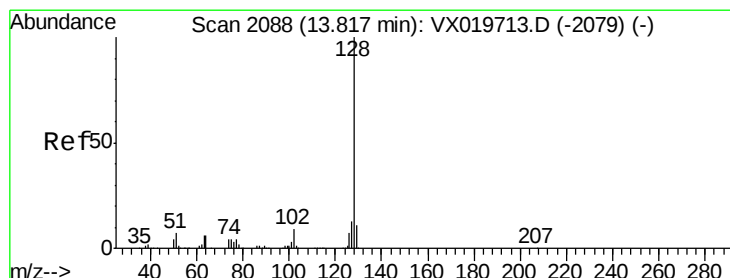
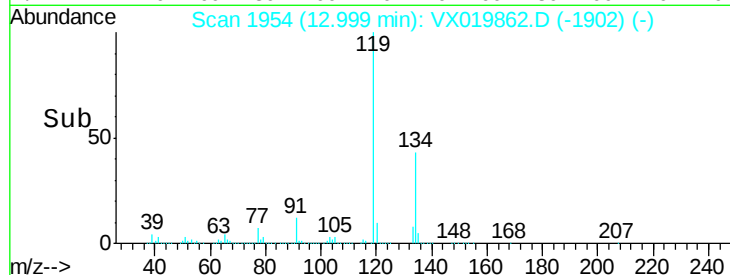
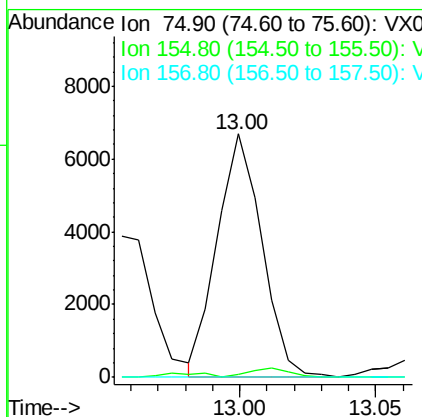
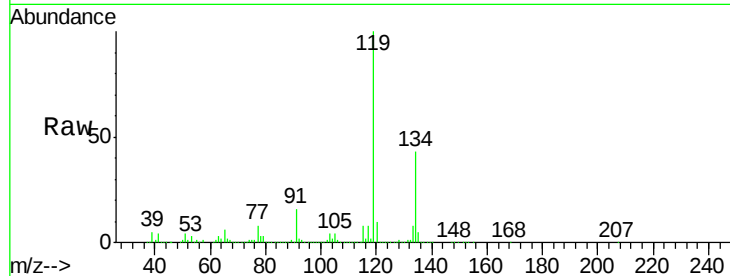




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 6.319 ug/l
 RT: 13.00 min Scan# 1954
 Delta R.T. 0.02 min
 Lab File: VX019862.D
 Acq: 11 Dec 2020 06:36

Instrument :
 MSVOA_X
 ClientSampled :
 32834

Tgt Ion: 75 Resp: 7653
 Ion Ratio Lower Upper
 75 100
 155 3.6 45.3 135.9#
 157 0.0 57.7 173.1#



#95
 Naphthalene
 Concen: 131.933 ug/l
 RT: 13.82 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: VX019862.D
 Acq: 11 Dec 2020 06:36

Tgt Ion: 128 Resp: 2037203
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.3 15.5
 129 11.0 8.8 13.2

