

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112520\
 Data File : VX019659.D
 Acq On : 25 Nov 2020 16:18
 Operator : JC/MD
 Sample : L4841-02 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 16855

Quant Time: Nov 26 05:00:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	307957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	504083	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	448283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	211466	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	187092	46.86	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.72%
35) Dibromofluoromethane	5.46	113	148714	47.00	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.00%
50) Toluene-d8	8.70	98	599757	48.78	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.56%
62) 4-Bromofluorobenzene	11.12	95	215068	48.62	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.24%

Target Compounds

					Qvalue	
5) Bromomethane	1.62	94	416	0.297	ug/l #	80
6) Chloroethane	1.70	64	796	Below Cal	#	78
11) Tert butyl alcohol	3.00	59	17688	23.407	ug/l #	75
13) Acrolein	2.28	56	1076	2.118	ug/l #	59
16) Acetone	2.42	43	479712	310.667	ug/l	99
18) Methyl Acetate	2.61	43	42917	11.826	ug/l #	47
20) Methylene Chloride	2.84	84	1316	0.341	ug/l #	91
22) Diisopropyl ether	4.00	45	285310	28.795	ug/l #	1
23) Vinyl Acetate	4.00	43	667193	80.279	ug/l #	68
25) 2-Butanone	4.64	43	32763	14.125	ug/l	96
29) Tetrahydrofuran	5.09	42	400	0.270	ug/l #	65
31) Cyclohexane	5.53	56	2510	0.483	ug/l #	89
36) 1,1-Dichloropropene	5.63	75	23037	4.875	ug/l #	49
37) Ethyl Acetate	4.81	43	1331	0.300	ug/l #	67
38) Carbon Tetrachloride	5.62	117	29371	6.421	ug/l #	16
39) Methylcyclohexane	7.43	83	3471	0.631	ug/l	91
40) Benzene	6.11	78	26387	1.817	ug/l	99
43) Isopropyl Acetate	6.43	43	5270	0.707	ug/l #	57
49) 1,4-Dioxane	7.72	88	71	0.895	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	1760	0.405	ug/l	92
52) Toluene	8.76	92	83420	9.391	ug/l	100
59) 2-Hexanone	9.20	43	2872	0.871	ug/l	100
60) Dibromochloromethane	9.32	129	709	0.200	ug/l #	10
64) Tetrachloroethene	9.32	164	726	0.206	ug/l	89
67) Ethyl Benzene	10.23	91	24766	1.534	ug/l	97
68) m/p-Xylenes	10.34	106	49123	8.166	ug/l	96
69) o-Xylene	10.68	106	23954	4.166	ug/l	97
70) Styrene	10.70	104	4534	2.058	ug/l #	17
73) Isopropylbenzene	11.00	105	6564	0.449	ug/l	99
76) 1,2,3-Trichloropropane	11.12	75	104823	22.714	ug/l #	38
78) n-propylbenzene	11.34	91	22747	1.355	ug/l	98
79) 2-Chlorotoluene	11.42	91	12970	1.274	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.49	105	51079	4.162	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.12	75	104823	60.388	ug/l #	12

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QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration

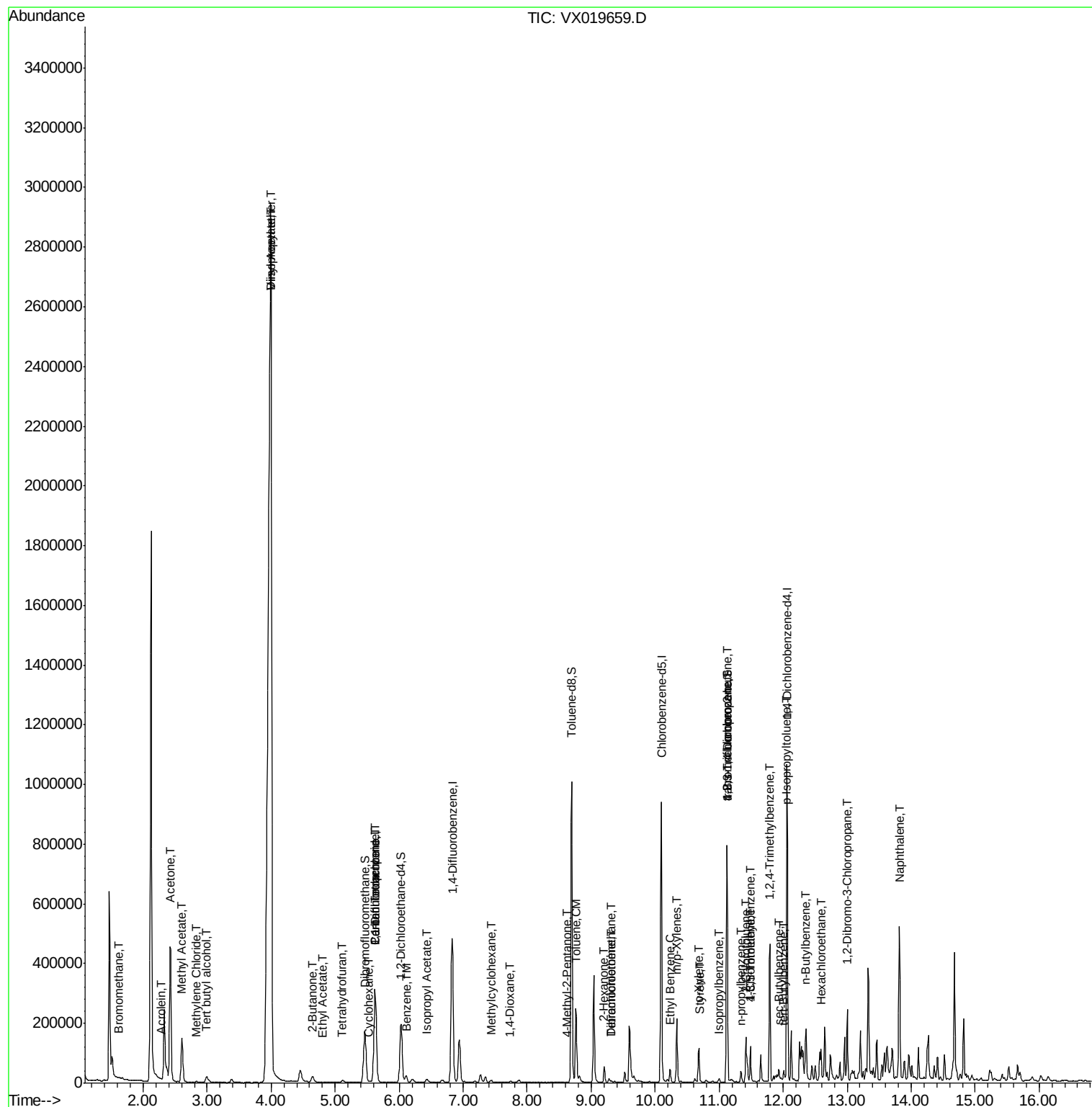
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.49	91	5738	0.479	ug/l #	48
83) tert-Butylbenzene	12.01	119	10372	0.874	ug/l	72
84) 1,2,4-Trimethylbenzene	11.79	105	194587	15.671	ug/l	97
85) sec-Butylbenzene	11.93	105	6327	0.448	ug/l	79
86) p-Isopropyltoluene	12.05	119	5475	0.427	ug/l	85
89) n-Butylbenzene	12.36	91	22410	1.933	ug/l #	21
90) Hexachloroethane	12.59	117	4371	2.037	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	13.00	75	796	0.746	ug/l #	1
95) Naphthalene	13.82	128	314690	21.474	ug/l	99

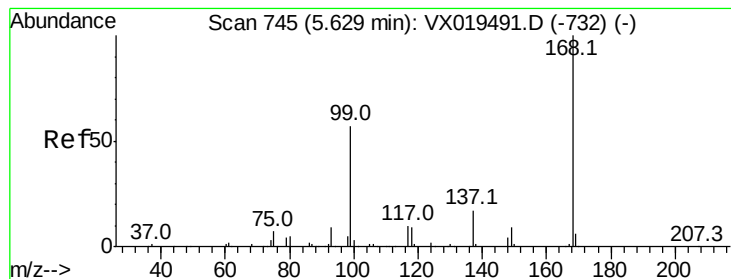
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019659.D

Acq: 25 Nov 2020 16:18

Instrument :

MSVOA_X

ClientSampleId :

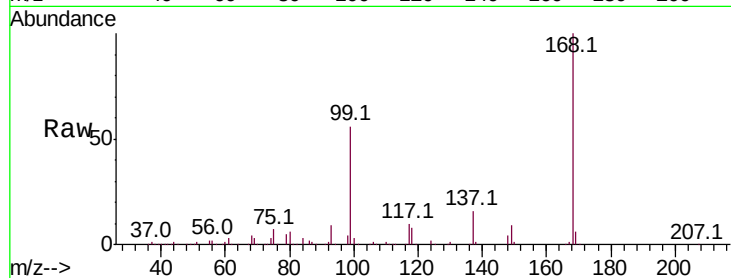
16855

Tot Ion:168 Resp: 307957

Ion Ratio Lower Upper

168 100

99 56.0 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

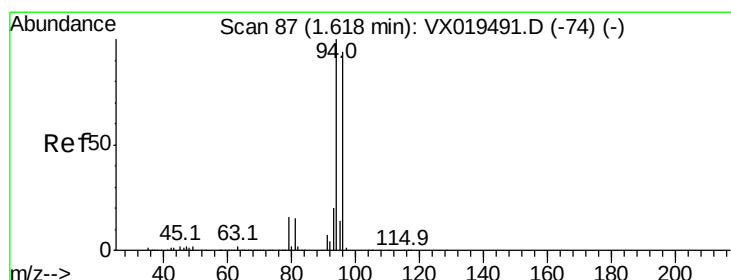
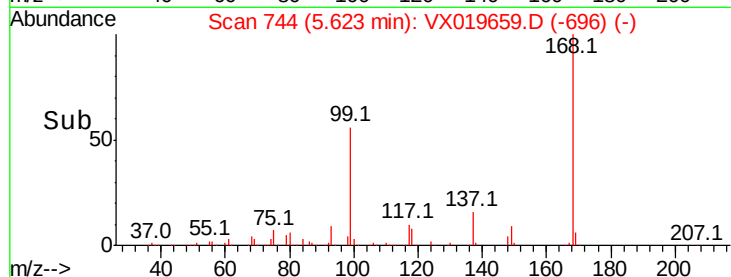
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: 0.297 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.01 min

Lab File: VX019659.D

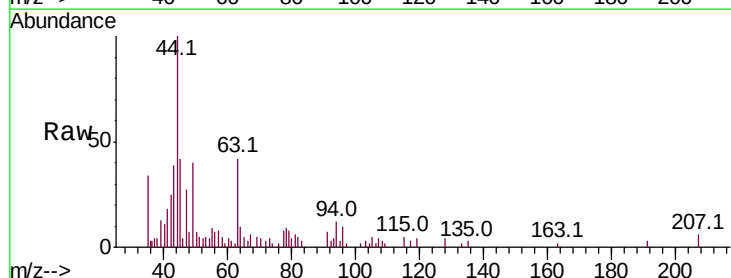
Acq: 25 Nov 2020 16:18

Tgt Ion: 94 Resp: 416

Ion Ratio Lower Upper

94 100

96 75.3 75.6 113.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

400

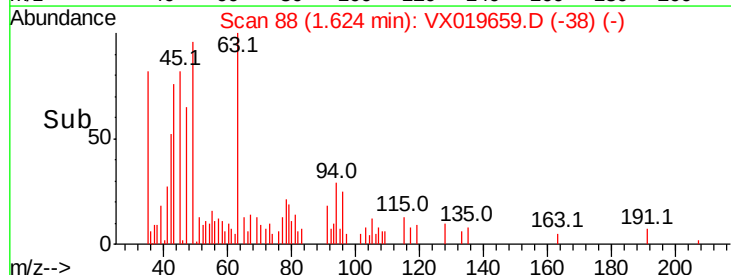
300

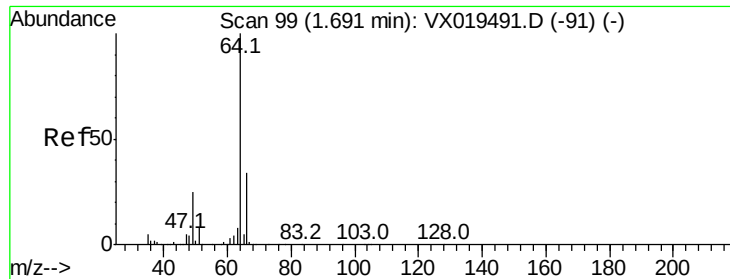
200

100

0

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 100

Delta R.T. 0.01 min

Lab File: VX019659.D

Acq: 25 Nov 2020 16:18

Instrument :

MSVOA_X

ClientSampled :

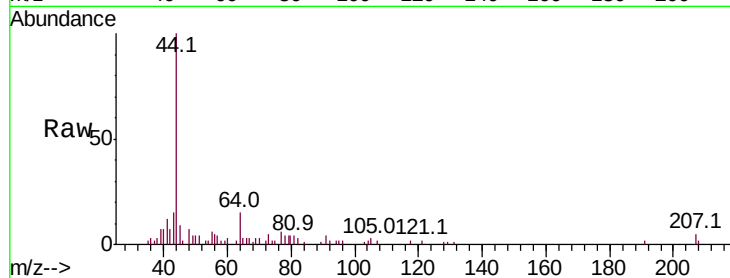
16855

Tot Ion: 64 Resp: 796

Ion Ratio Lower Upper

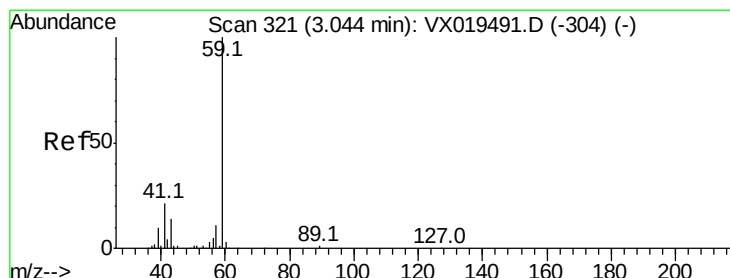
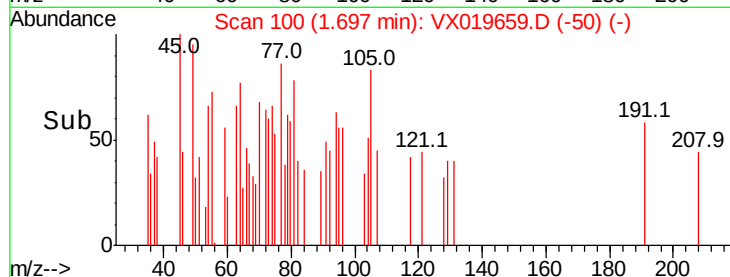
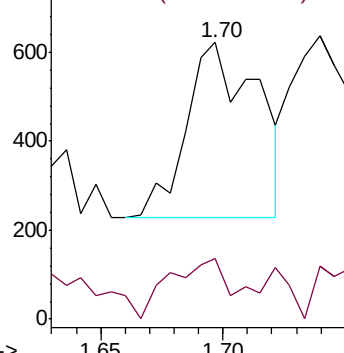
64 100

66 21.1 27.1 40.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#11

Tert butyl alcohol

Concen: 23.407 ug/l

RT: 3.00 min Scan# 313

Delta R.T. -0.05 min

Lab File: VX019659.D

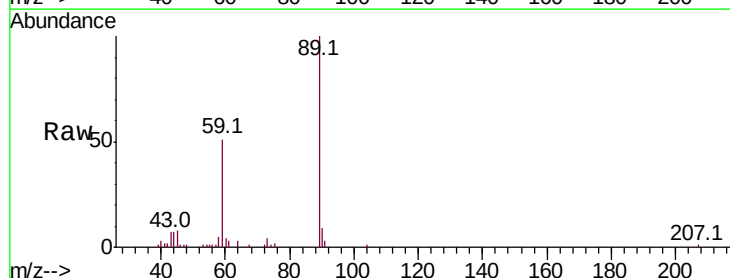
Acq: 25 Nov 2020 16:18

Tgt Ion: 59 Resp: 17688

Ion Ratio Lower Upper

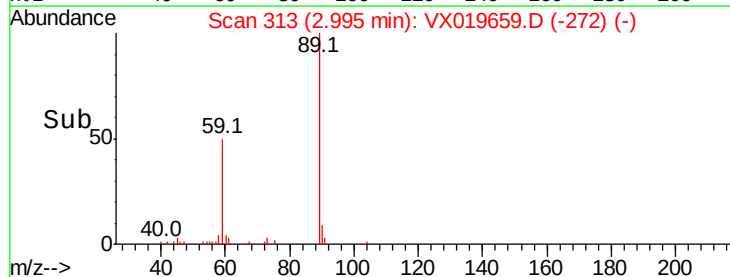
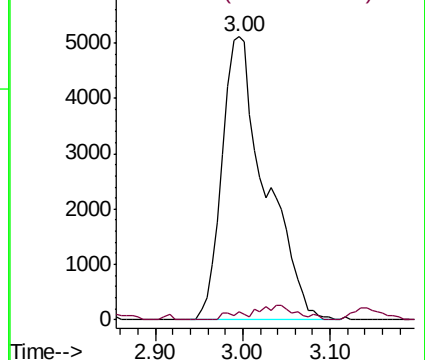
59 100

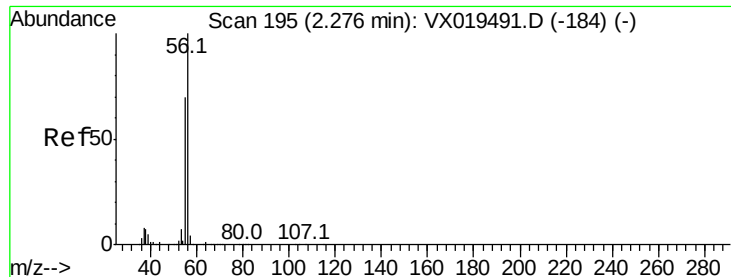
57 0.7 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 2.118 ug/l

RT: 2.28 min Scan# 196

Delta R.T. 0.01 min

Lab File: VX019659.D

Acq: 25 Nov 2020 16:18

Instrument :

MSVOA_X

ClientSampled :

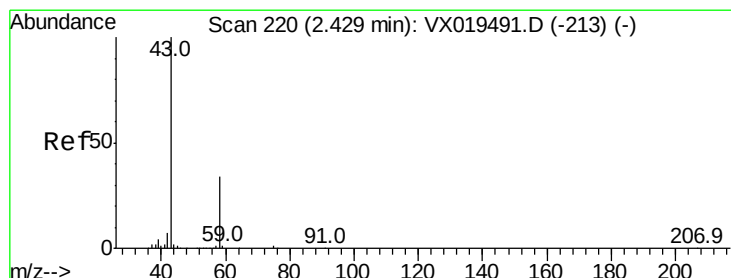
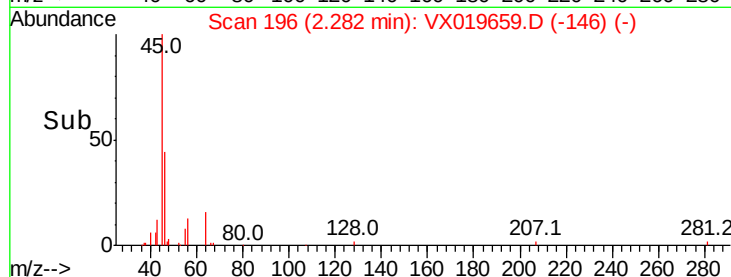
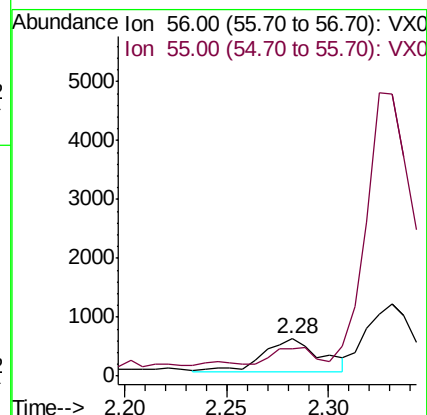
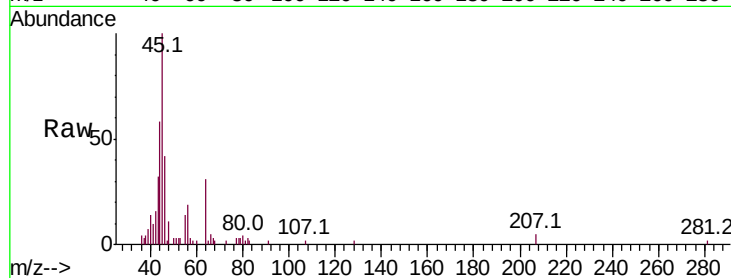
16855

Tot Ion: 56 Resp: 1076

Ion Ratio Lower Upper

56 100

55 36.1 55.5 83.3#



#16

Acetone

Concen: 310.667 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019659.D

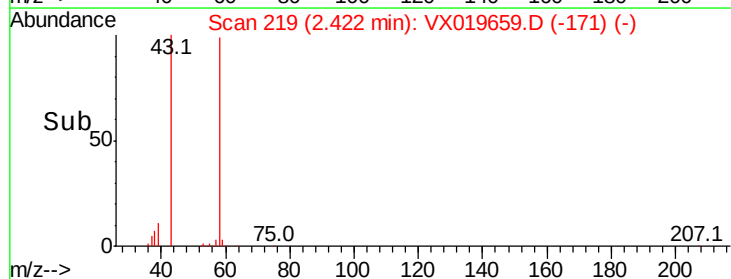
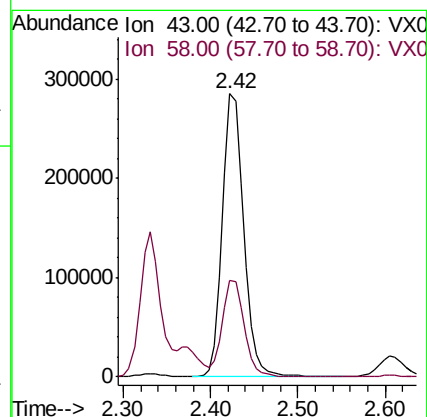
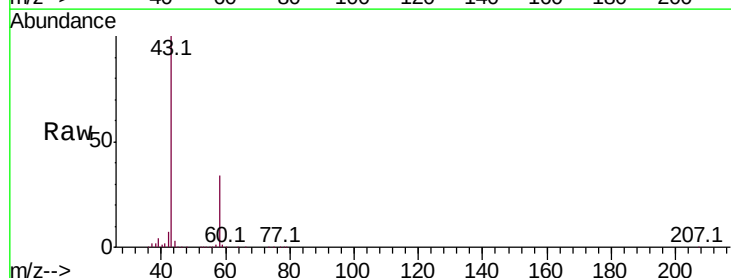
Acq: 25 Nov 2020 16:18

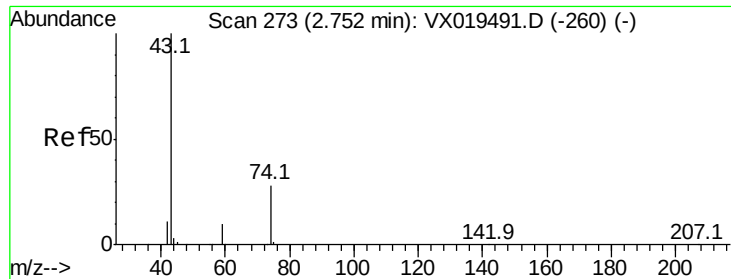
Tgt Ion: 43 Resp: 479712

Ion Ratio Lower Upper

43 100

58 33.9 27.4 41.2

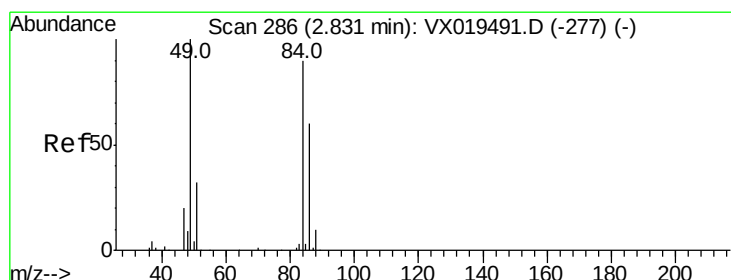
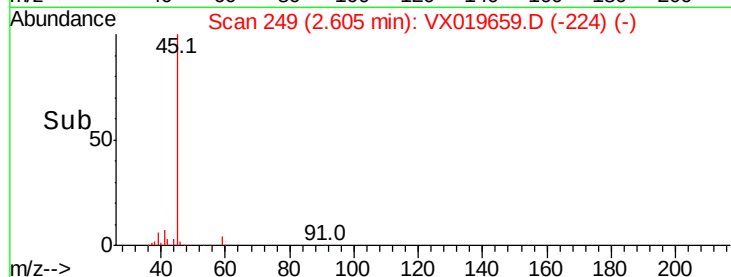
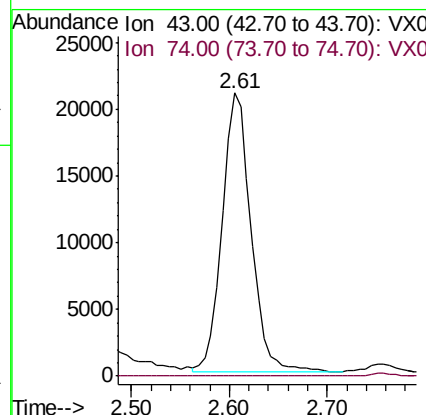
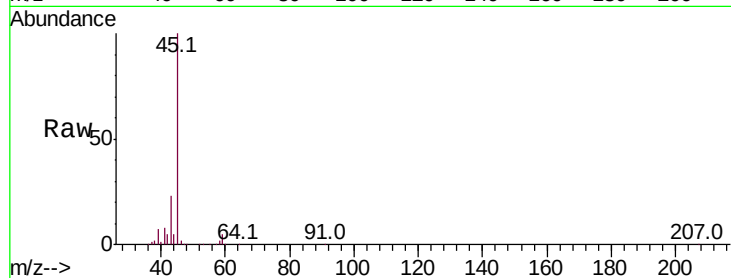




#18
Methyl Acetate
Concen: 11.826 ug/l
RT: 2.61 min Scan# 249
Delta R.T. -0.15 min
Lab File: VX019659.D
Acq: 25 Nov 2020 16:18

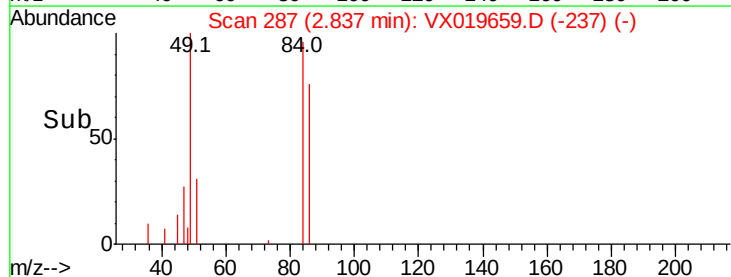
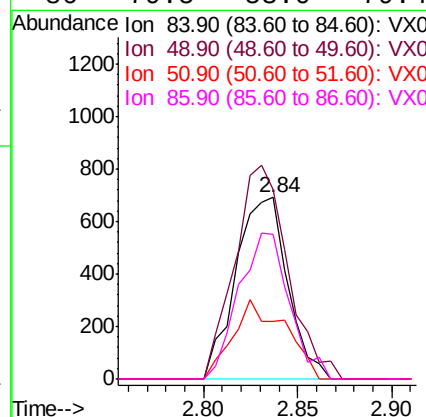
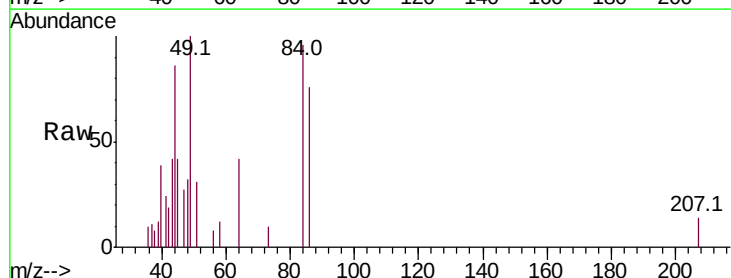
Instrument :
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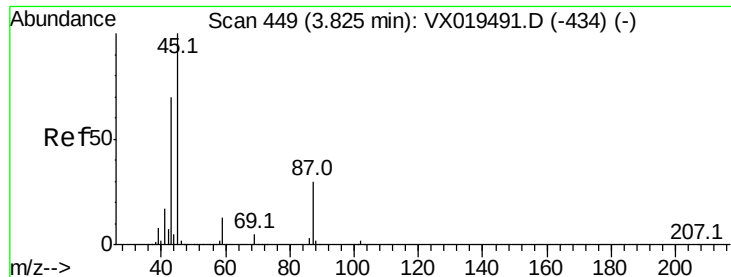
Tot Ion: 43 Resp: 42917
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.4#



#20
Methylene Chloride
Concen: 0.341 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX019659.D
Acq: 25 Nov 2020 16:18

Tgt Ion: 84 Resp: 1316
Ion Ratio Lower Upper
84 100
49 104.3 88.5 132.7
51 32.1 28.0 42.0
86 79.5 53.0 79.4#





#22

Diisopropyl ether

Concen: 28.795 ug/l

RT: 4.00 min Scan# 477

Delta R.T. 0.17 min

Lab File: VX019659.D

Acq: 25 Nov 2020 16:18

Instrument :

MSVOA_X

ClientSampleId :

16855

Tot Ion: 45 Resp: 285310

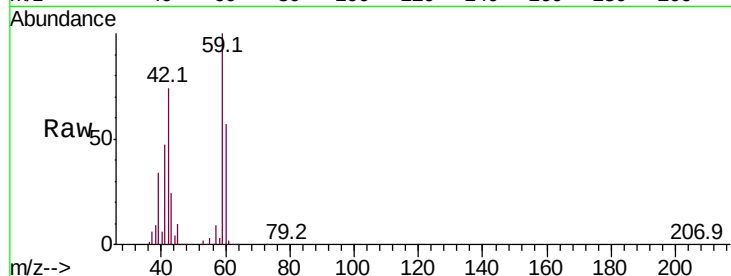
Ion Ratio Lower Upper

45 100

43 233.6 56.1 84.1#

87 0.0 24.2 36.2#

59 964.6 10.2 15.2#

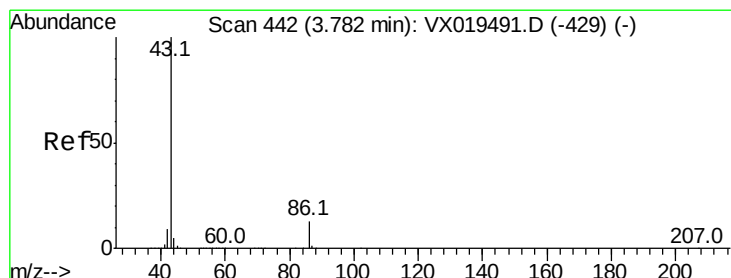
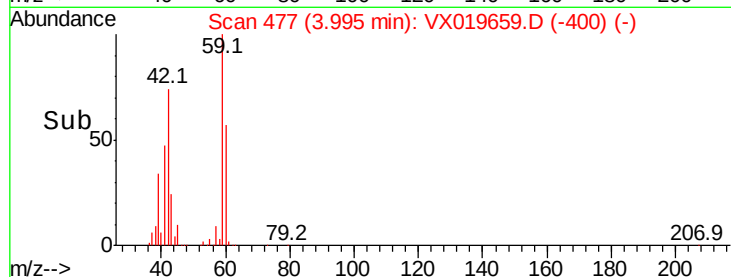
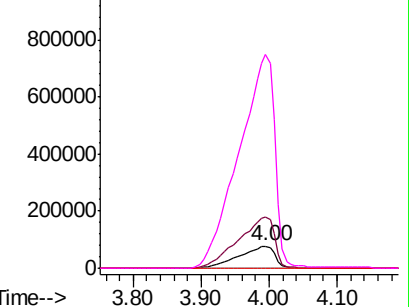


Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 80.279 ug/l

RT: 4.00 min Scan# 477

Delta R.T. 0.21 min

Lab File: VX019659.D

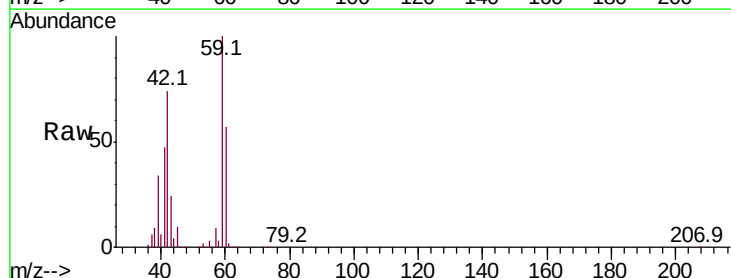
Acq: 25 Nov 2020 16:18

Tgt Ion: 43 Resp: 667193

Ion Ratio Lower Upper

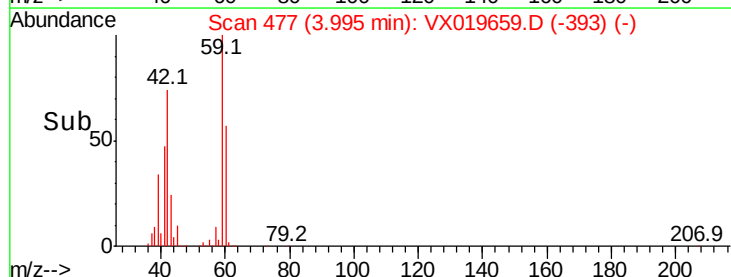
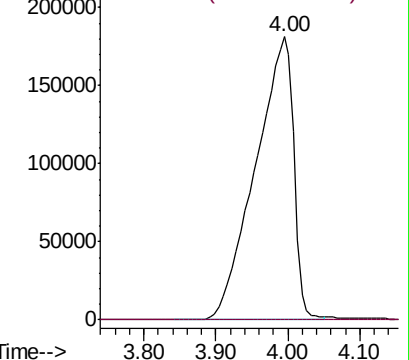
43 100

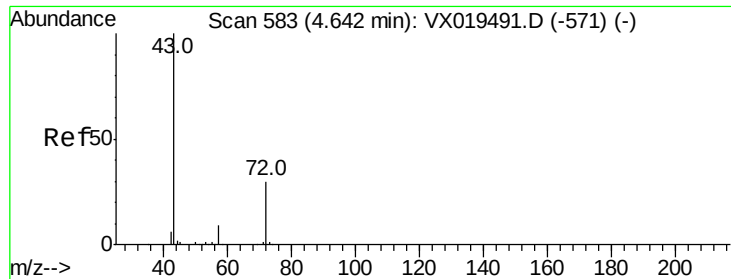
86 0.0 10.2 15.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#25

2-Butanone

Concen: 14.125 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX019659.D

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ClientSampleId :

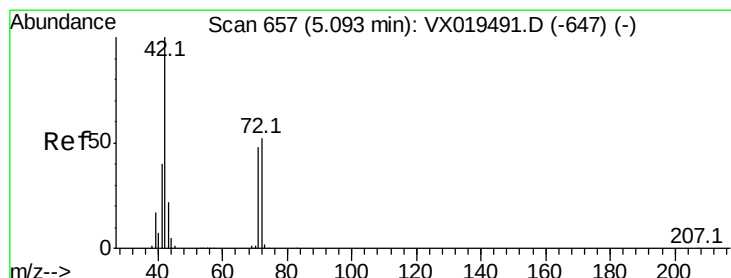
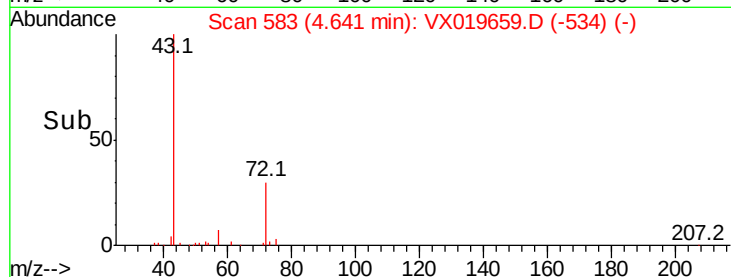
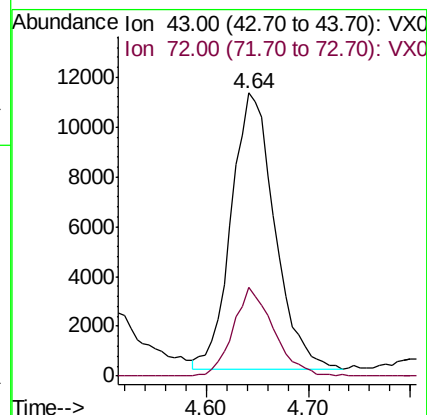
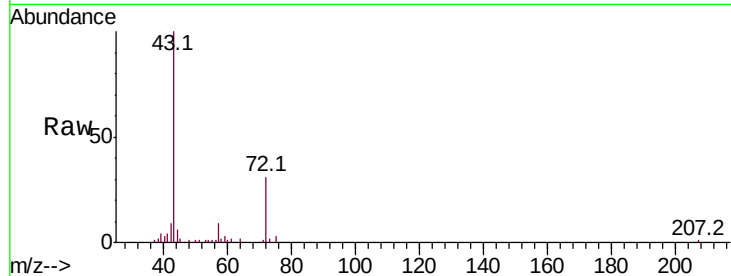
16855

Tot Ion: 43 Resp: 32763

Ion Ratio Lower Upper

43 100

72 32.3 24.0 36.0



#29

Tetrahydrofuran

Concen: 0.270 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX019659.D

Acq: 25 Nov 2020 16:18

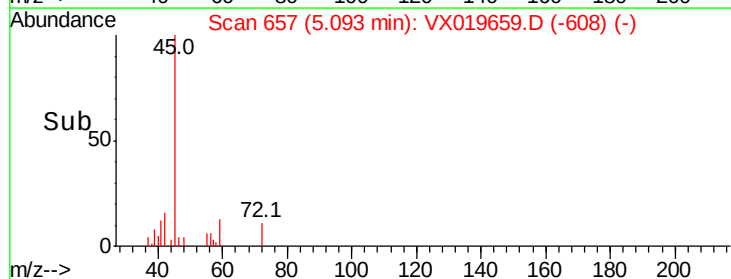
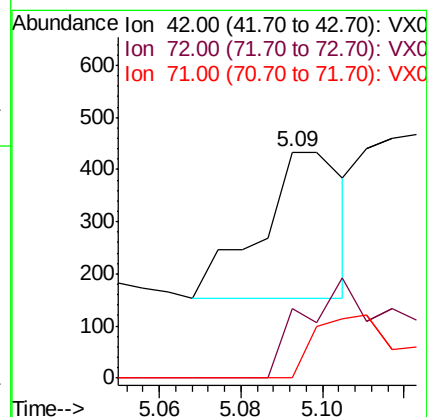
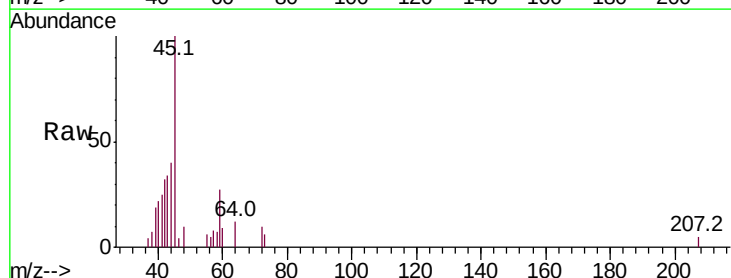
Tgt Ion: 42 Resp: 400

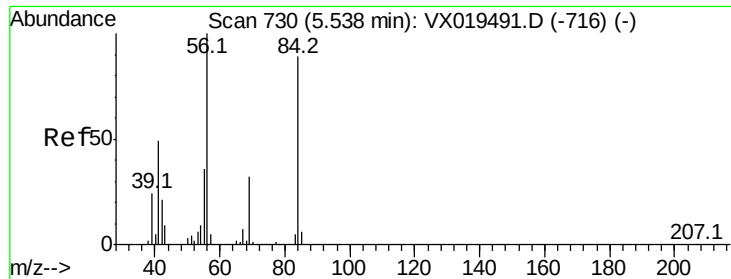
Ion Ratio Lower Upper

42 100

72 97.5 42.6 63.8#

71 45.8 39.0 58.6

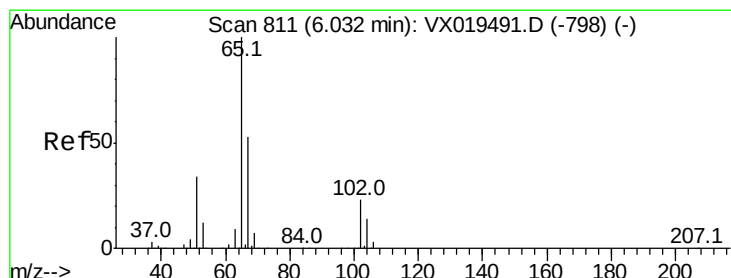
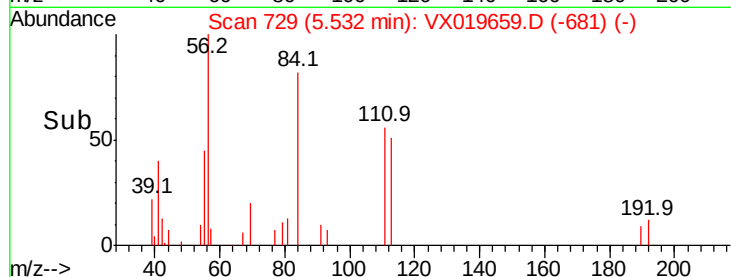
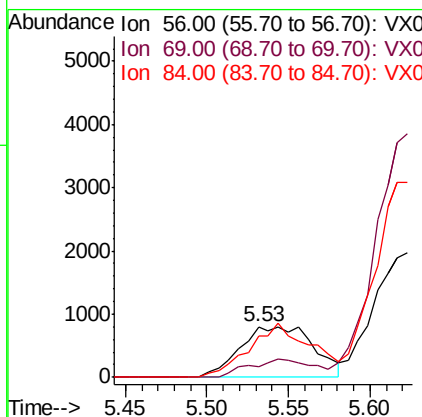
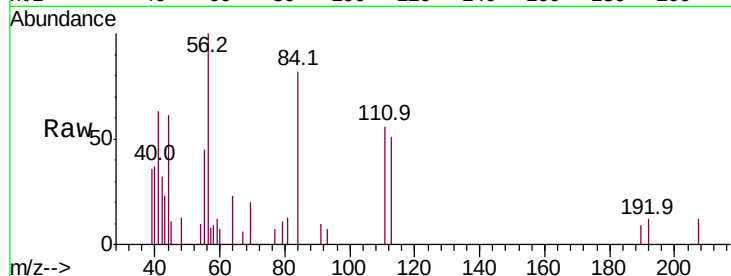




#31
Cyclohexane
Concen: 0.483 ug/l
RT: 5.53 min Scan# 729
Delta R.T. -0.01 min
Lab File: VX019659.D
Acq: 25 Nov 2020 16:18

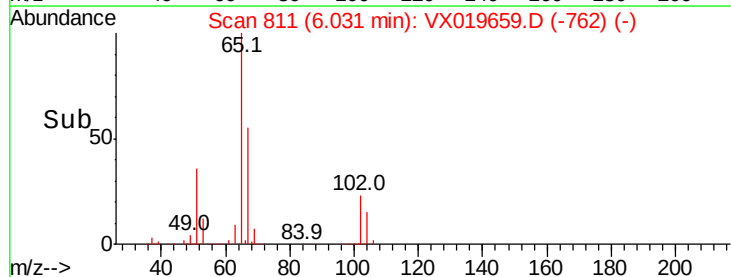
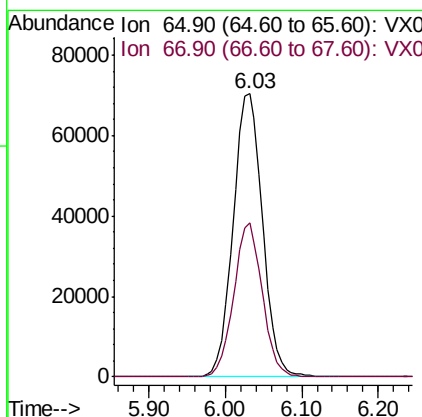
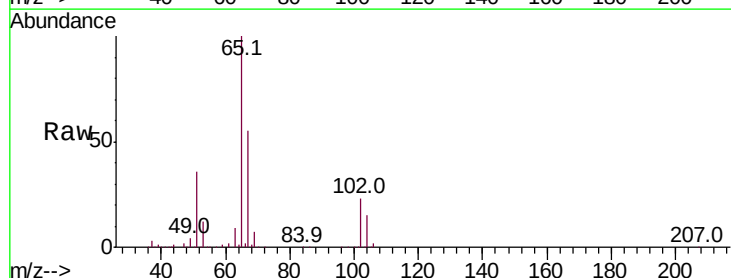
Instrument :
MSVOA_X
ClientSampled :
16855

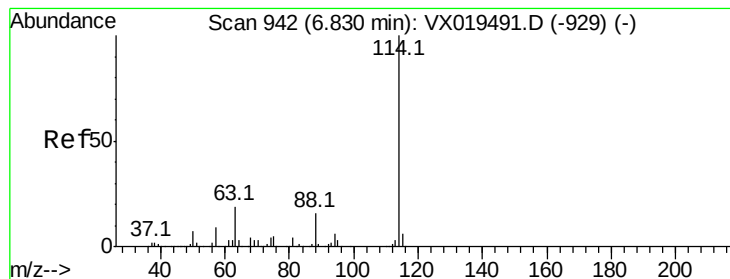
Tot Ion: 56 Resp: 2510
Ion Ratio Lower Upper
56 100
69 20.2 25.5 38.3#
84 82.3 71.1 106.7



#33
1,2-Dichloroethane-d4
Concen: 46.856 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX019659.D
Acq: 25 Nov 2020 16:18

Tgt Ion: 65 Resp: 187092
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019659.D

Acq: 25 Nov 2020 16:18

Instrument :

MSVOA_X

ClientSampled :

16855

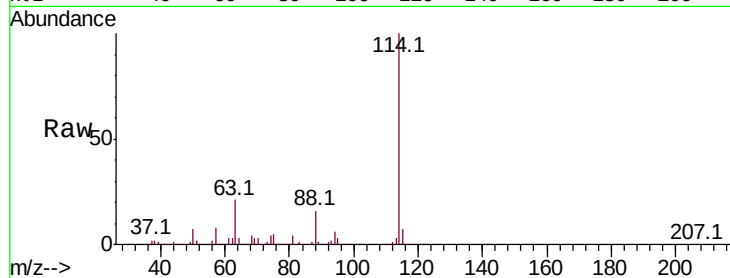
Tot Ion:114 Resp: 504083

Ion Ratio Lower Upper

114 100

63 21.0 0.0 38.8

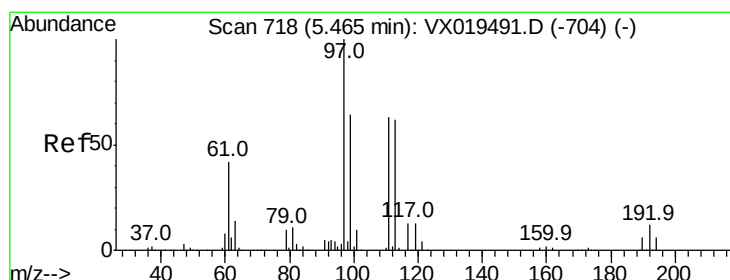
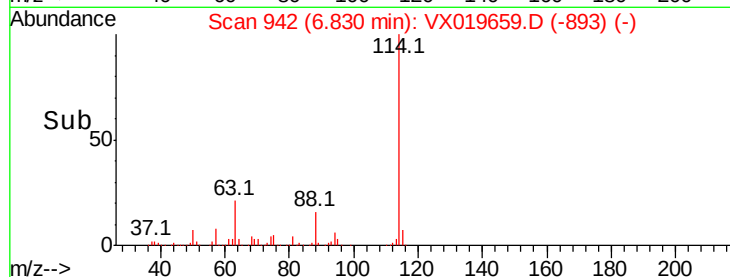
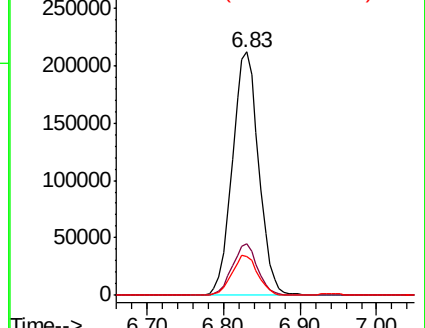
88 16.2 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.000 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019659.D

Acq: 25 Nov 2020 16:18

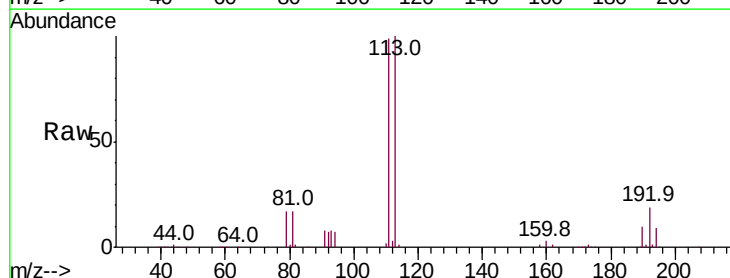
Tgt Ion:113 Resp: 148714

Ion Ratio Lower Upper

113 100

111 101.1 81.5 122.3

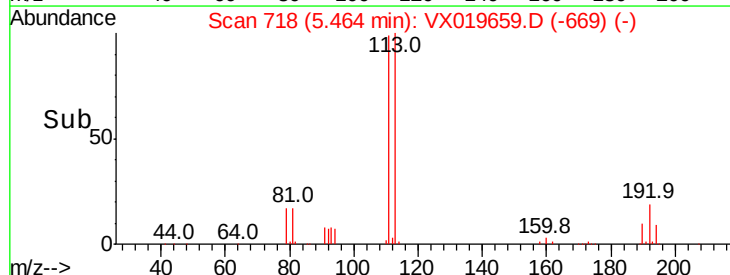
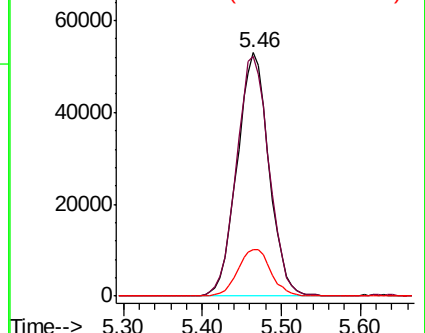
192 19.8 16.2 24.2

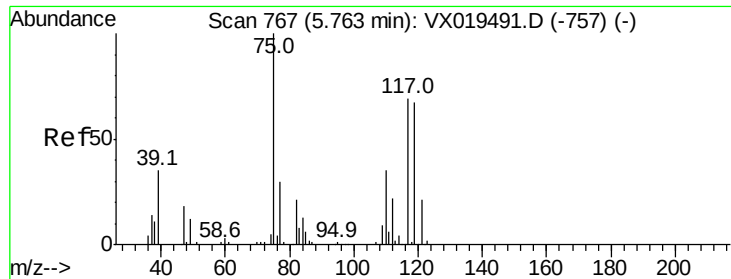


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

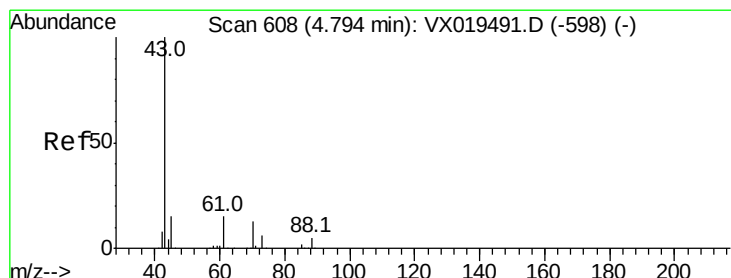
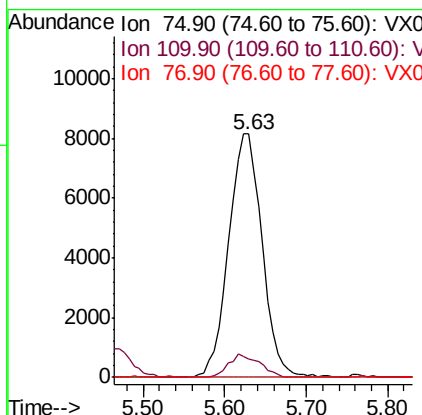
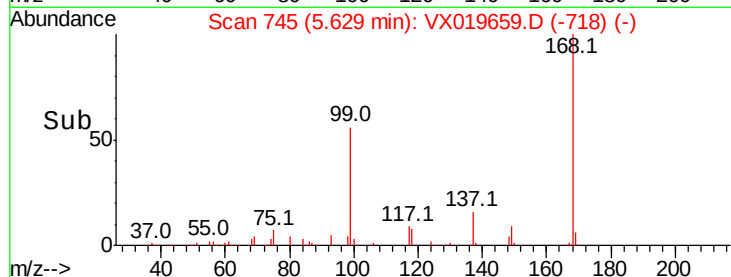
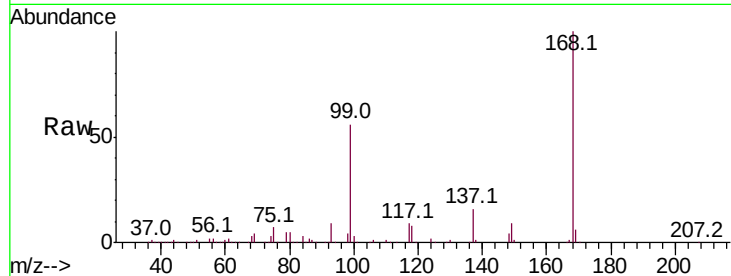




#36
 1,1-Dichloropropene
 Concen: 4.875 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.13 min
 Lab File: VX019659.D
 Acq: 25 Nov 2020 16:18

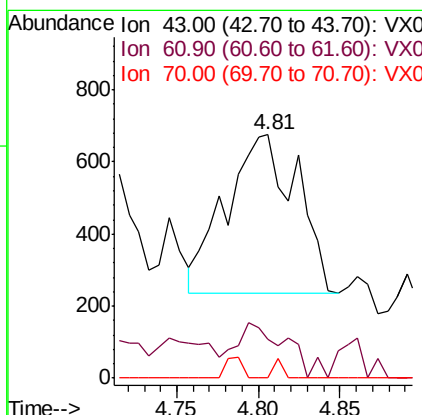
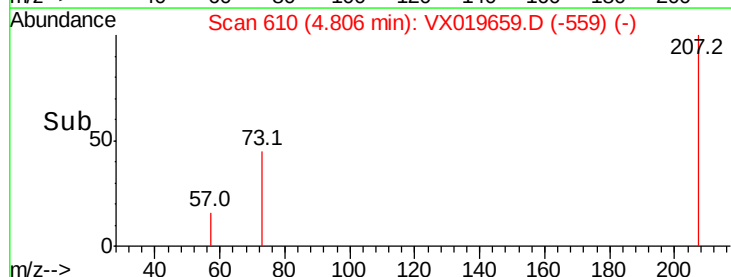
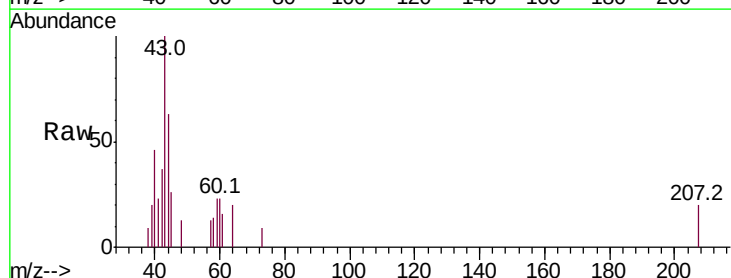
Instrument :
 MSVOA_X
 ClientSampled :
 16855

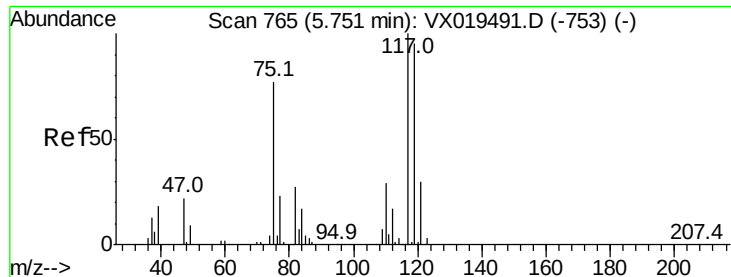
Tot Ion: 75 Resp: 23037
 Ion Ratio Lower Upper
 75 100
 110 8.8 18.1 54.3#
 77 0.0 24.2 36.4#



#37
 Ethyl Acetate
 Concen: 0.300 ug/l
 RT: 4.81 min Scan# 610
 Delta R.T. 0.01 min
 Lab File: VX019659.D
 Acq: 25 Nov 2020 16:18

Tgt Ion: 43 Resp: 1331
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.7 19.1#
 70 1.5 10.2 15.2#





#38

Carbon Tetrachloride

Concen: 6.421 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.13 min

Lab File: VX019659.D

Acq: 25 Nov 2020 16:18

Instrument :

MSVOA_X

ClientSampleId :

16855

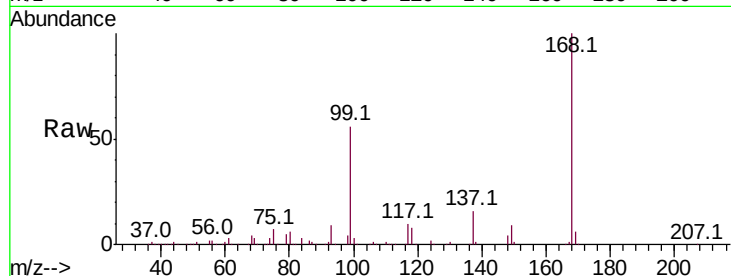
Tot Ion:117 Resp: 29371

Ion Ratio Lower Upper

117 100

119 4.7 75.9 113.9#

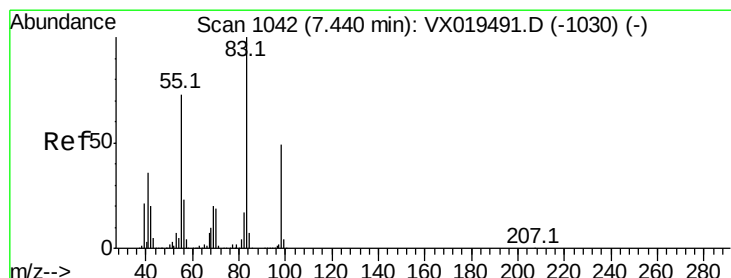
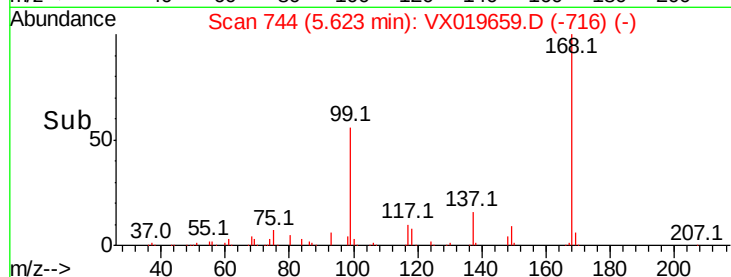
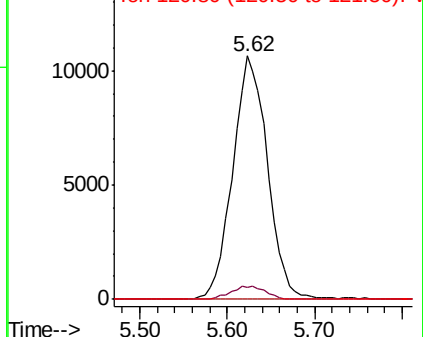
121 0.0 24.0 36.0#



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: 0.631 ug/l

RT: 7.43 min Scan# 1041

Delta R.T. -0.01 min

Lab File: VX019659.D

Acq: 25 Nov 2020 16:18

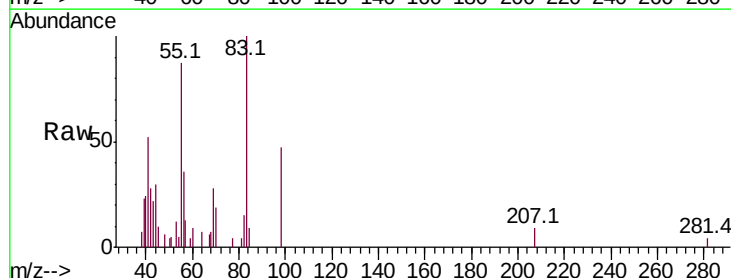
Tgt Ion: 83 Resp: 3471

Ion Ratio Lower Upper

83 100

55 83.3 58.3 87.5

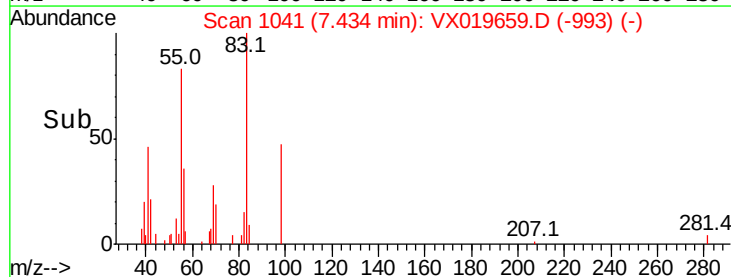
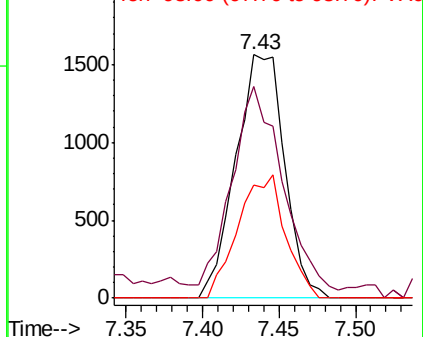
98 46.7 38.9 58.3

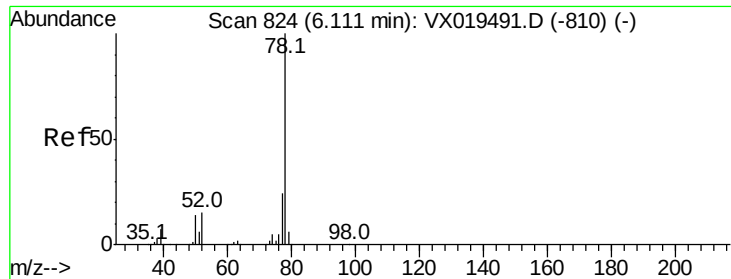


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

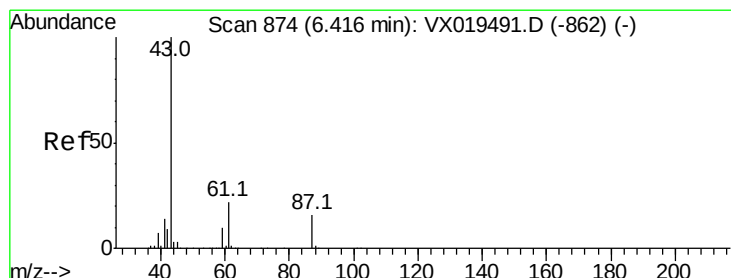
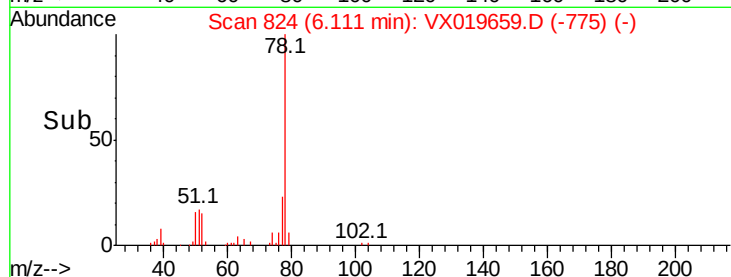
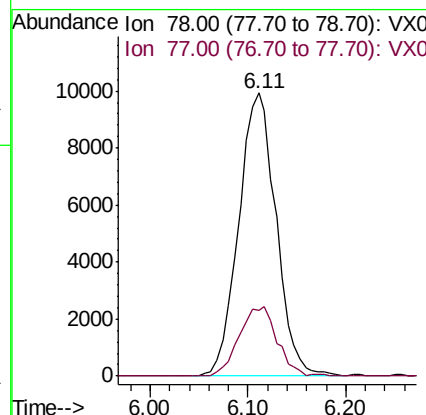
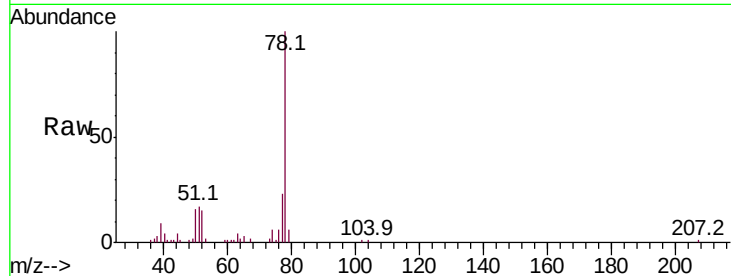




#40
Benzene
Concen: 1.817 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019659.D
Acq: 25 Nov 2020 16:18

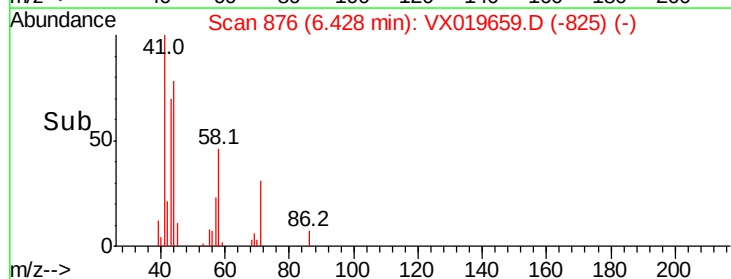
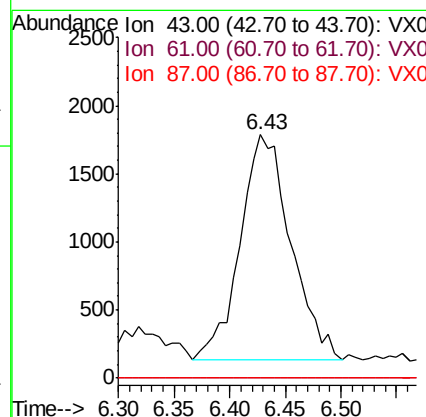
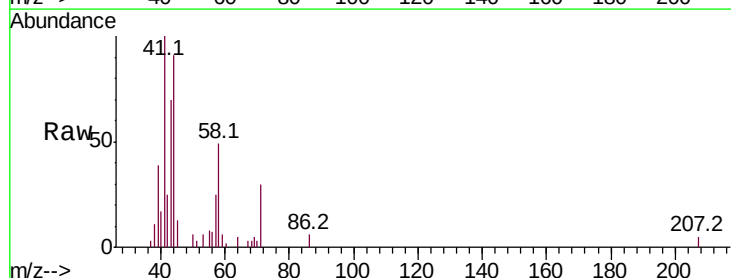
Instrument :
MSVOA_X
ClientSampled :
16855

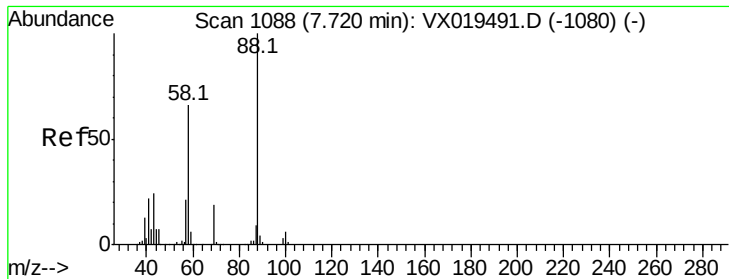
Tot Ion: 78 Resp: 26387
Ion Ratio Lower Upper
78 100
77 23.0 18.9 28.3



#43
Isopropyl Acetate
Concen: 0.707 ug/l
RT: 6.43 min Scan# 876
Delta R.T. 0.01 min
Lab File: VX019659.D
Acq: 25 Nov 2020 16:18

Tgt Ion: 43 Resp: 5270
Ion Ratio Lower Upper
43 100
61 0.0 18.2 27.2#
87 0.0 12.6 18.8#





#49

1,4-Dioxane

Concen: 0.895 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX019659.D

Acq: 25 Nov 2020 16:18

Instrument :

MSVOA_X

ClientSampled :

16855

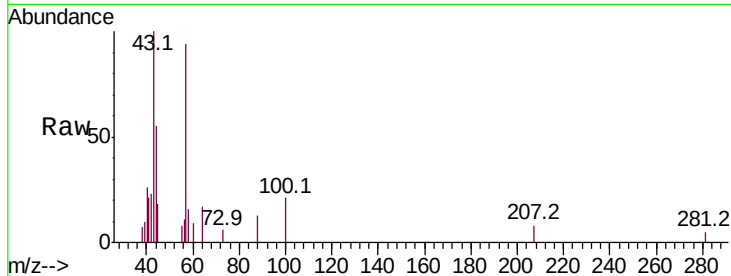
Tot Ion: 88 Resp: 71

Ion Ratio Lower Upper

88 100

43 2819.7 23.8 35.6#

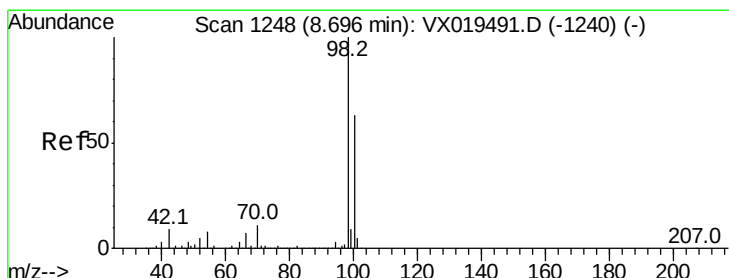
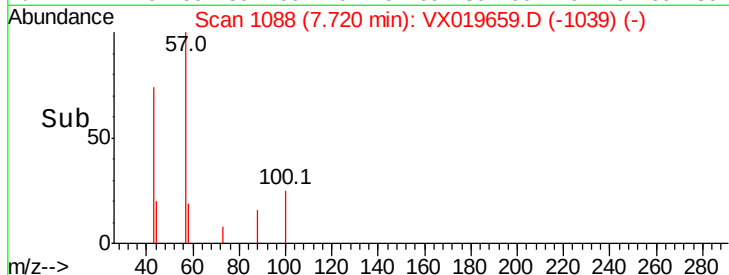
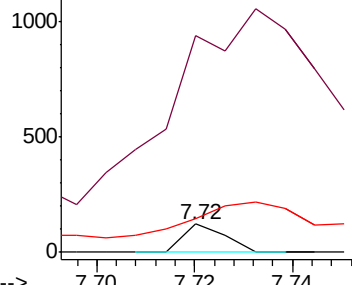
58 569.0 54.2 81.2#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.779 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019659.D

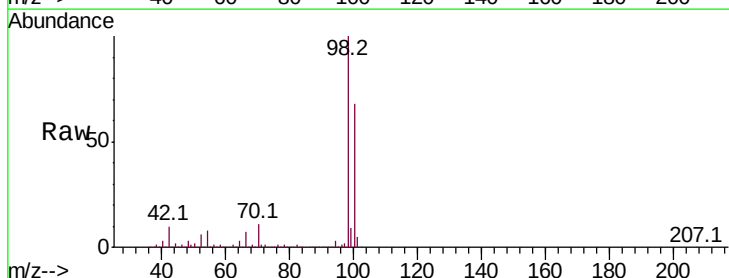
Acq: 25 Nov 2020 16:18

Tgt Ion: 98 Resp: 599757

Ion Ratio Lower Upper

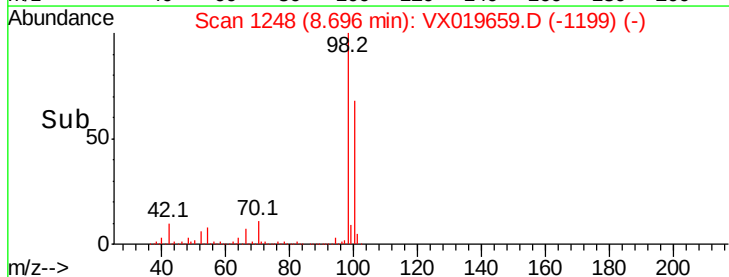
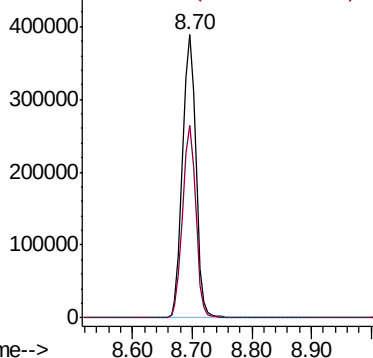
98 100

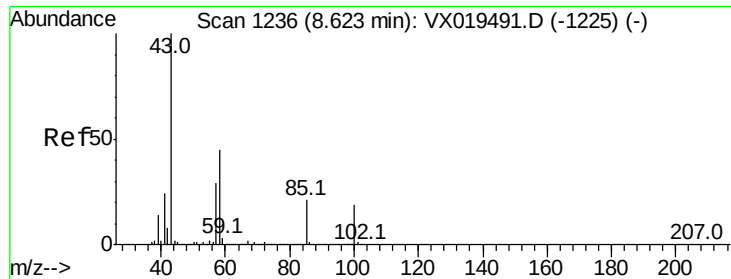
100 66.9 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

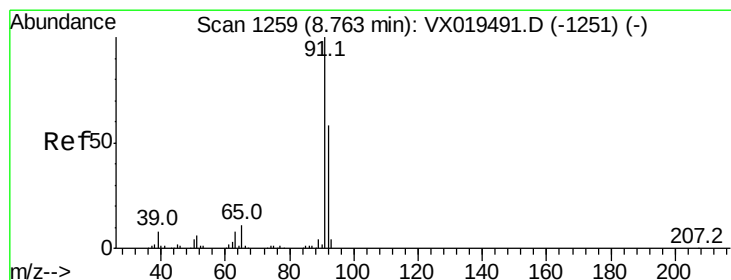
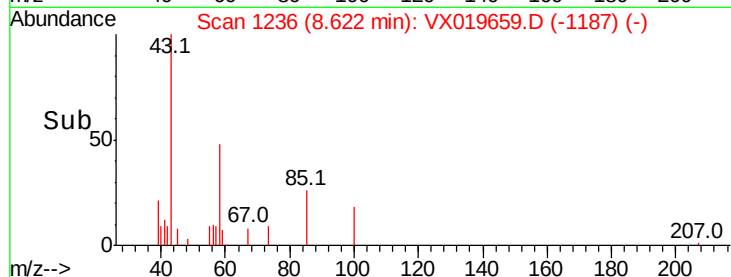
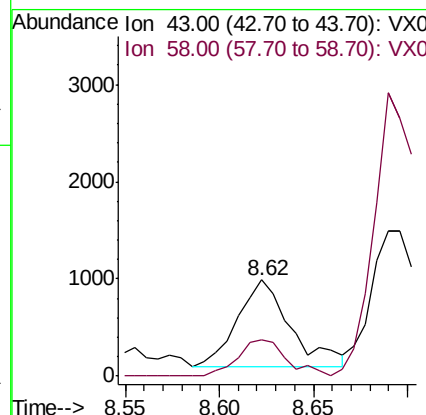
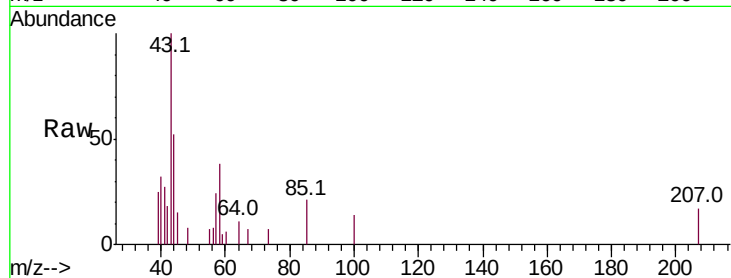




#51
4-Methyl-2-Pentanone
Concen: 0.405 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX019659.D
Acq: 25 Nov 2020 16:18

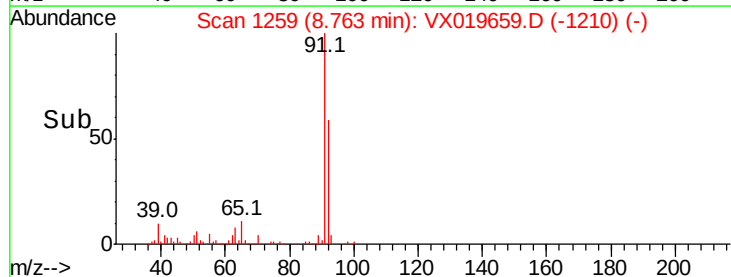
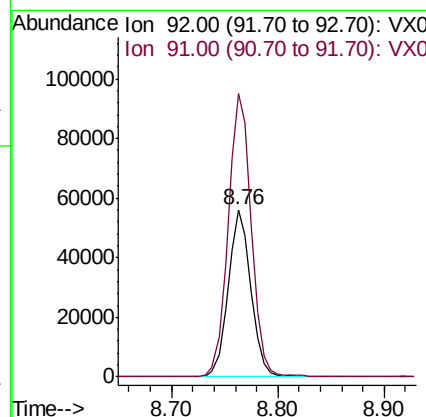
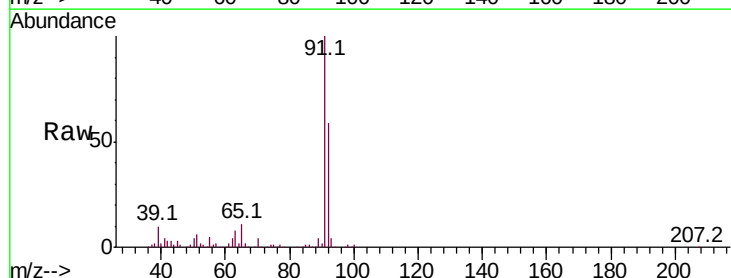
Instrument :
MSVOA_X
ClientSampleId :
16855

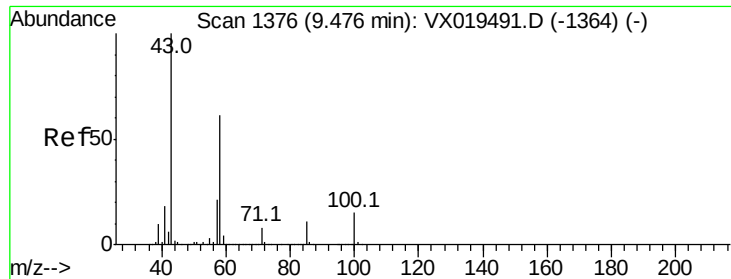
Tot Ion: 43 Resp: 1760
Ion Ratio Lower Upper
43 100
58 38.5 35.1 52.7



#52
Toluene
Concen: 9.391 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019659.D
Acq: 25 Nov 2020 16:18

Tgt Ion: 92 Resp: 83420
Ion Ratio Lower Upper
92 100
91 173.2 138.1 207.1

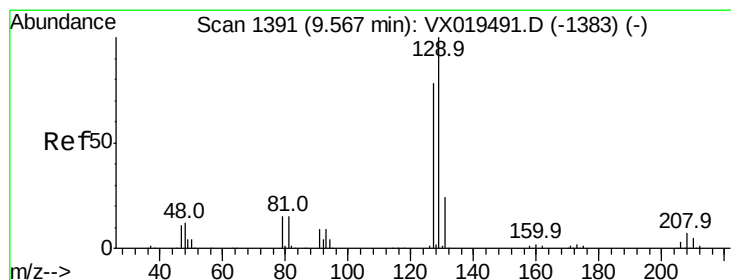
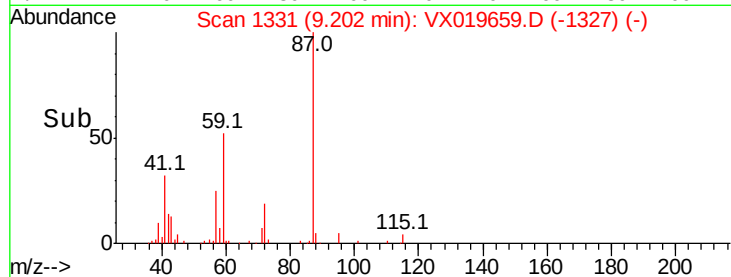
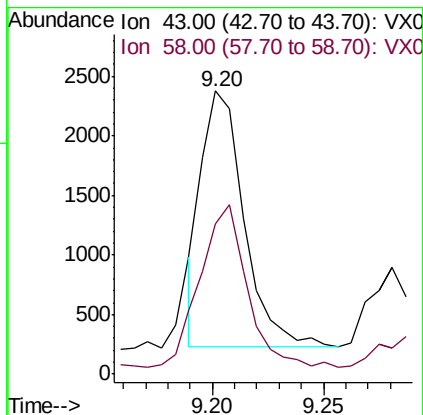
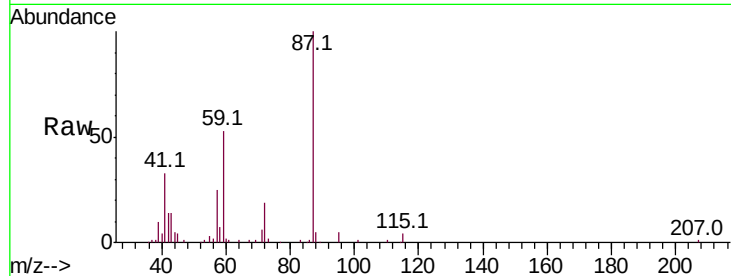




#59
2-Hexanone
Concen: 0.871 ug/l
RT: 9.20 min Scan# 1331
Delta R.T. -0.27 min
Lab File: VX019659.D
Acq: 25 Nov 2020 16:18

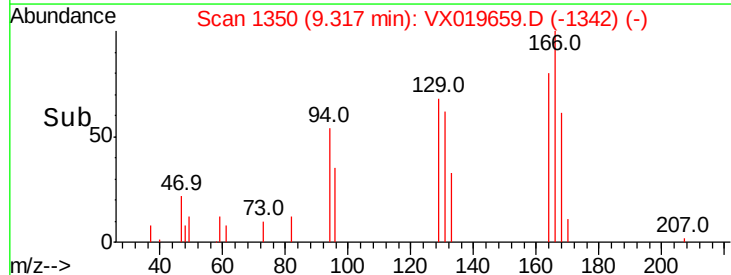
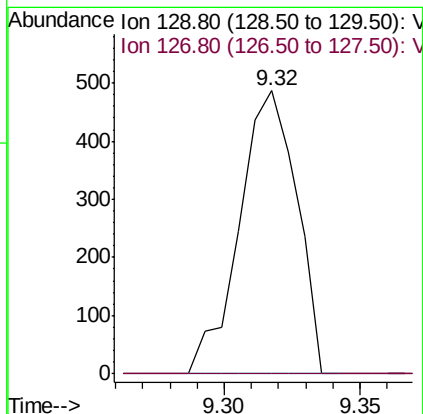
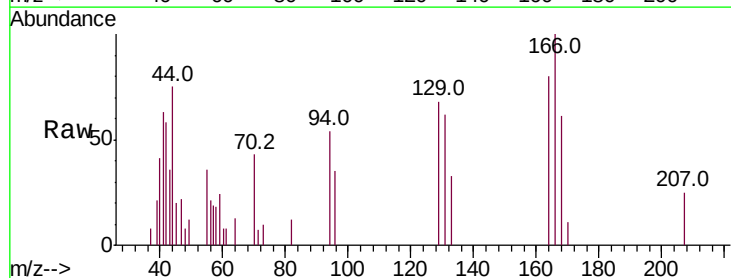
Instrument :
MSVOA_X
ClientSampled :
16855

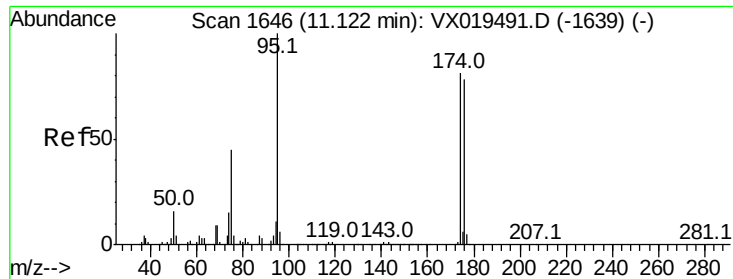
Tot Ion: 43 Resp: 2872
Ion Ratio Lower Upper
43 100
58 61.4 30.6 91.6



#60
Dibromochloromethane
Concen: 0.200 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.25 min
Lab File: VX019659.D
Acq: 25 Nov 2020 16:18

Tgt Ion: 129 Resp: 709
Ion Ratio Lower Upper
129 100
127 0.0 39.0 116.9#





#62

4-Bromofluorobenzene

Concen: 48.617 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019659.D

Acq: 25 Nov 2020 16:18

Instrument :

MSVOA_X

ClientSampleId :

16855

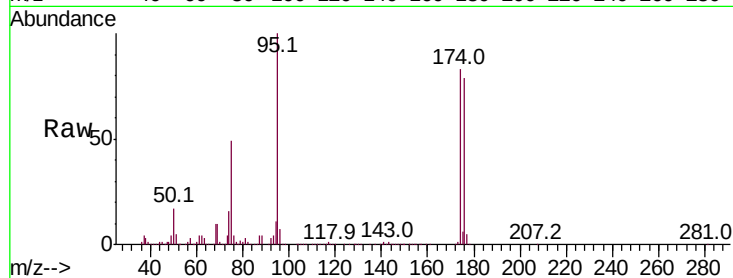
Tot Ion: 95 Resp: 215068

Ion Ratio Lower Upper

95 100

174 76.4 0.0 156.2

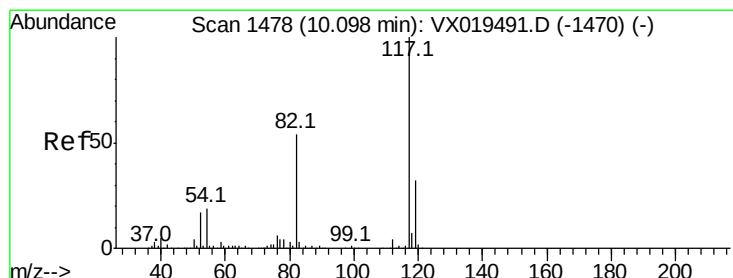
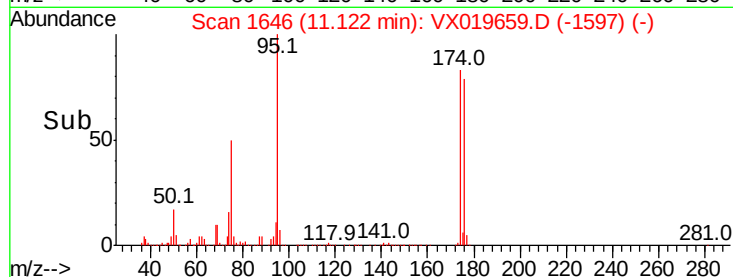
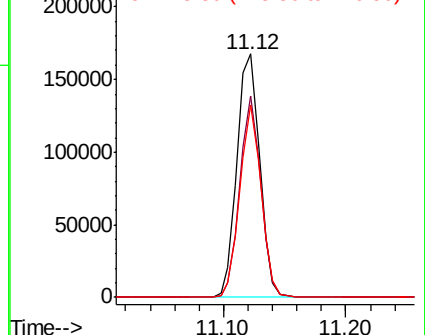
176 73.8 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX019659.D

Acq: 25 Nov 2020 16:18

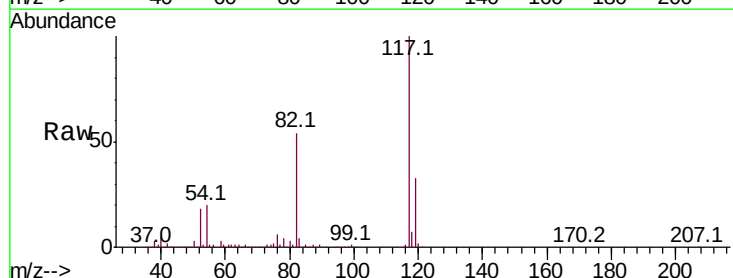
Tgt Ion: 117 Resp: 448283

Ion Ratio Lower Upper

117 100

82 54.4 43.0 64.4

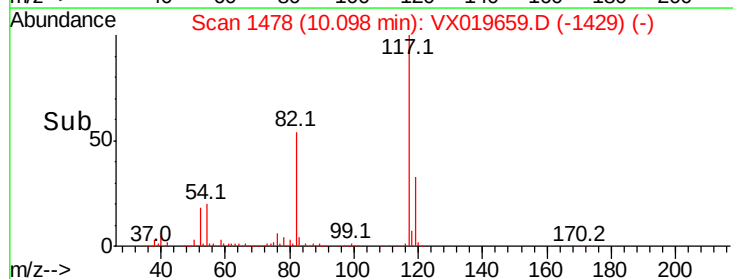
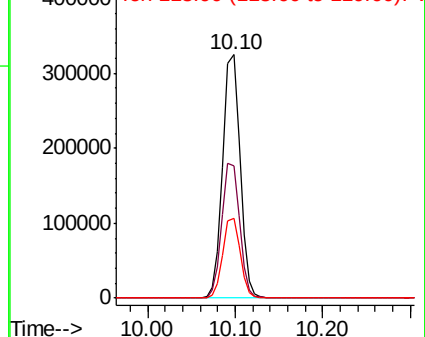
119 32.5 25.6 38.4

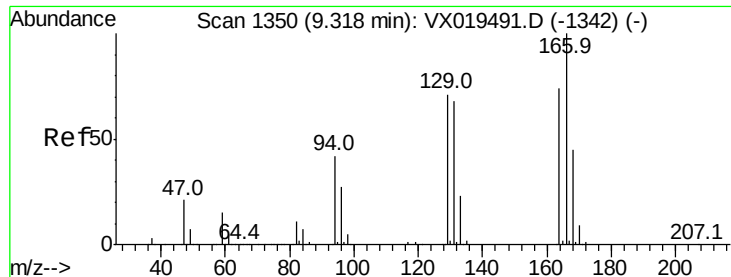


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0





#64

Tetrachloroethene

Concen: 0.206 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX019659.D

Acq: 25 Nov 2020 16:18

Instrument :

MSVOA_X

ClientSampled :

16855

Tot Ion:164 Resp: 726

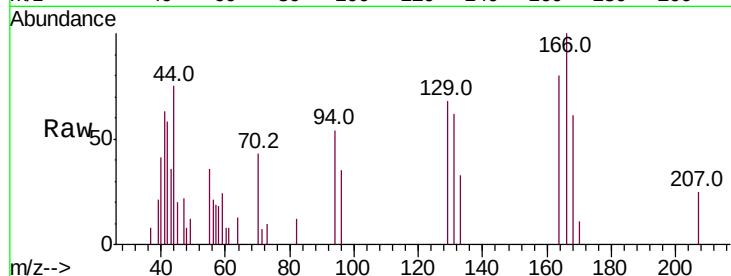
Ion Ratio Lower Upper

164 100

166 124.5 107.4 161.0

129 84.1 76.6 114.8

131 77.5 72.6 108.8

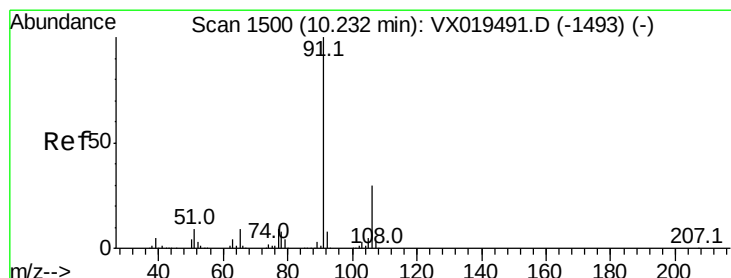
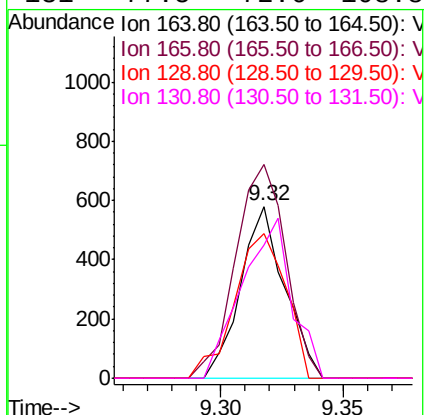
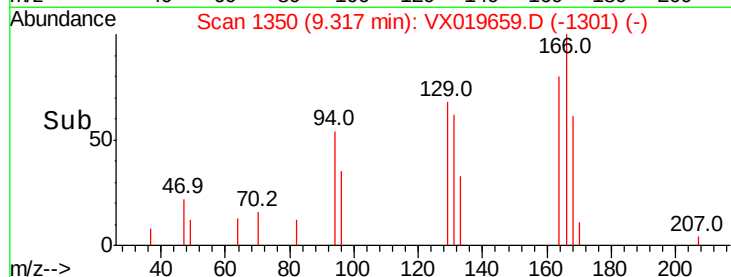


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 1.534 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019659.D

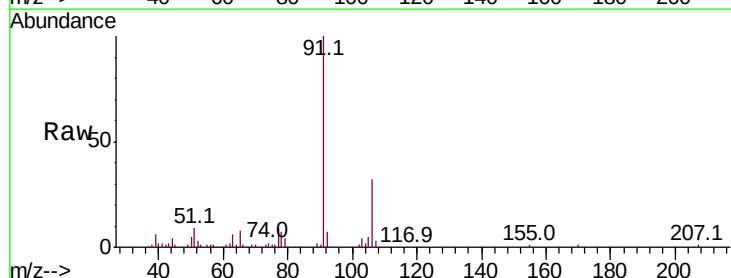
Acq: 25 Nov 2020 16:18

Tgt Ion: 91 Resp: 24766

Ion Ratio Lower Upper

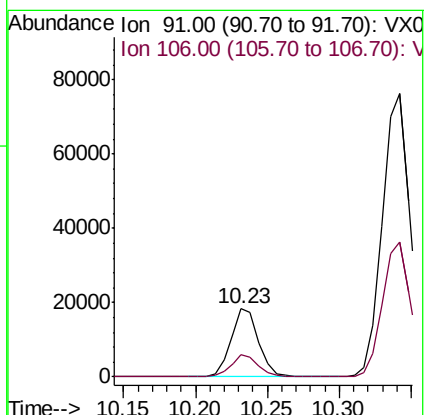
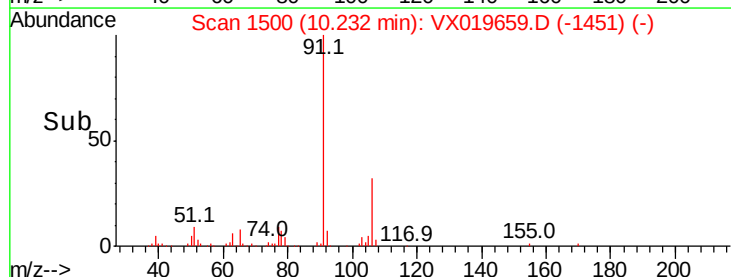
91 100

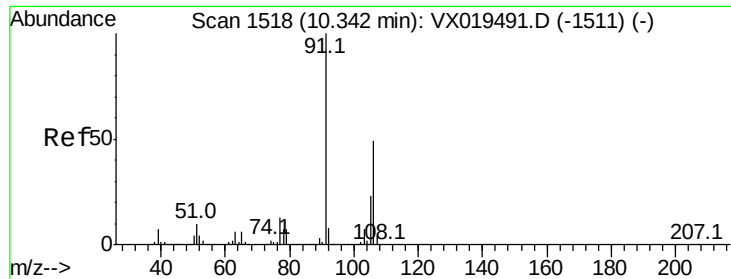
106 31.8 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

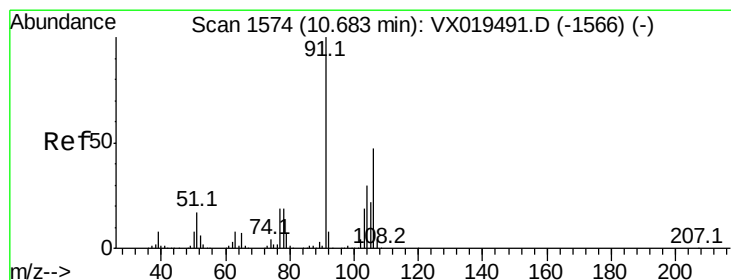
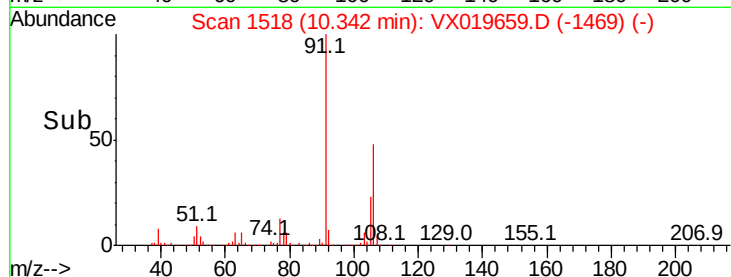
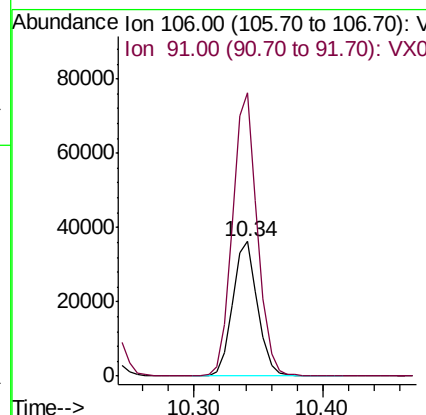
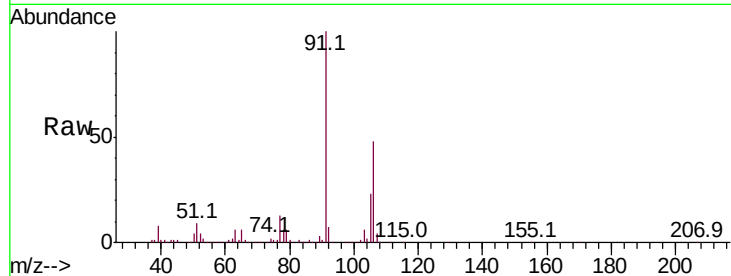




#68
m/p-Xylenes
Concen: 8.166 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019659.D
Acq: 25 Nov 2020 16:18

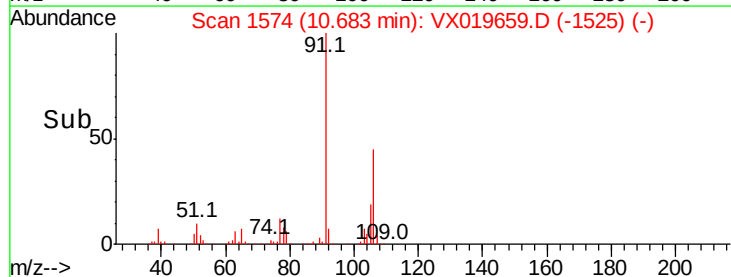
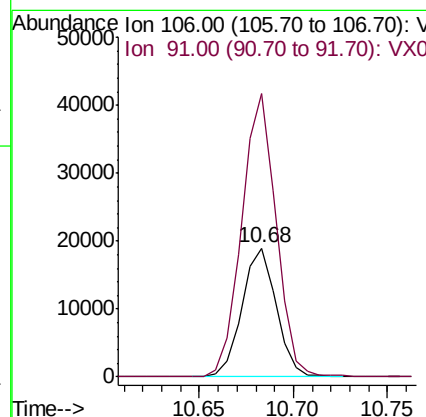
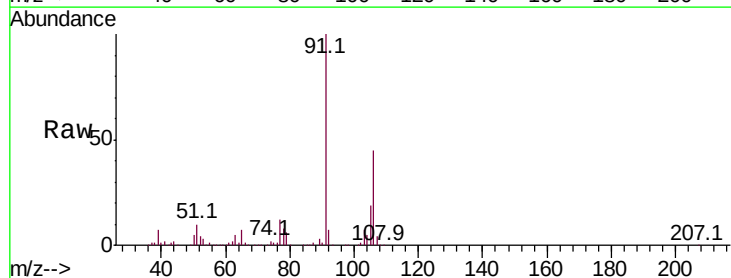
Instrument :
MSVOA_X
ClientSampleId :
16855

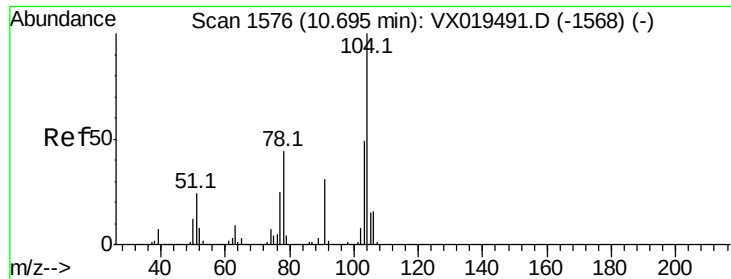
Tot Ion:106 Resp: 49123
Ion Ratio Lower Upper
106 100
91 210.0 163.3 244.9



#69
o-Xylene
Concen: 4.166 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019659.D
Acq: 25 Nov 2020 16:18

Tgt Ion:106 Resp: 23954
Ion Ratio Lower Upper
106 100
91 220.3 108.0 324.0

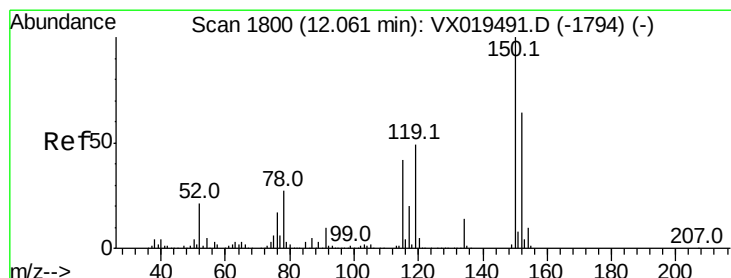
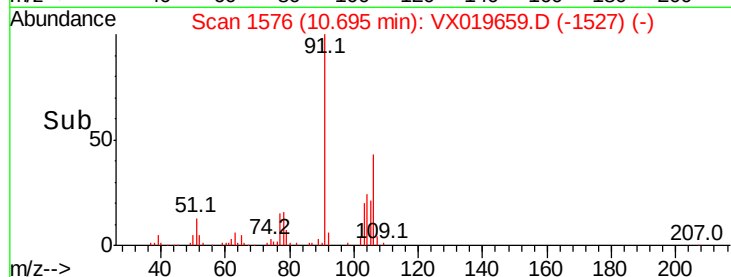
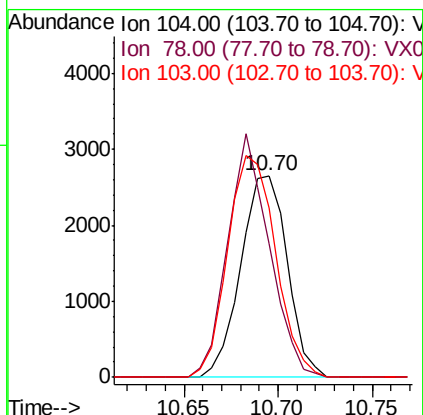
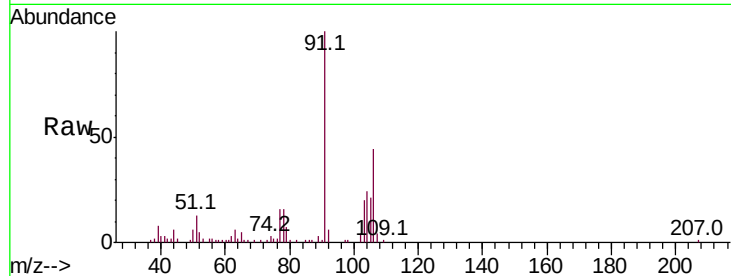




#70
Stvrene
Concen: 2.058 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019659.D
Acq: 25 Nov 2020 16:18

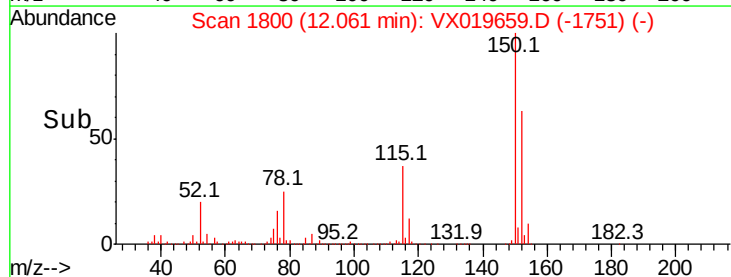
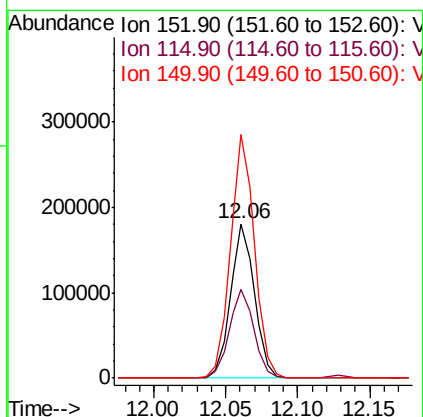
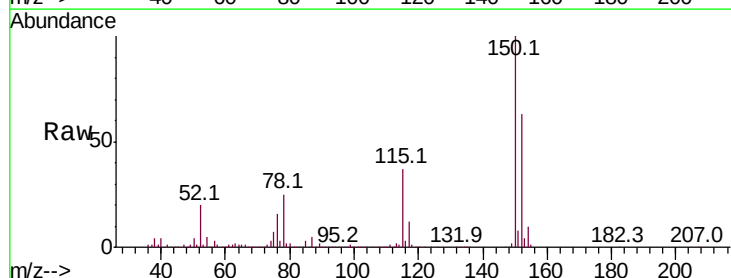
Instrument :
MSVOA_X
ClientSampleId :
16855

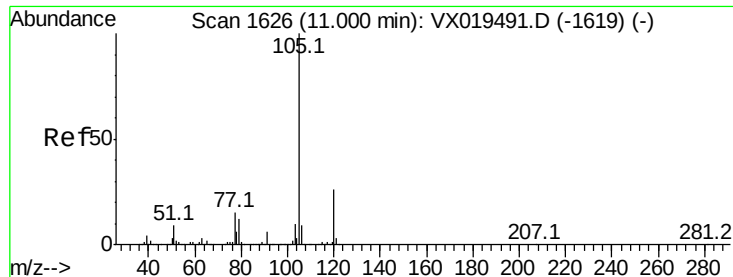
Tot Ion:104 Resp: 4534
Ion Ratio Lower Upper
104 100
78 107.7 39.5 59.3#
103 113.5 43.6 65.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019659.D
Acq: 25 Nov 2020 16:18

Tgt Ion:152 Resp: 211466
Ion Ratio Lower Upper
152 100
115 58.5 41.8 125.4
150 157.8 0.0 348.2





#73

Isopropylbenzene

Concen: 0.449 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019659.D

Acq: 25 Nov 2020 16:18

Instrument :

MSVOA_X

ClientSampleId :

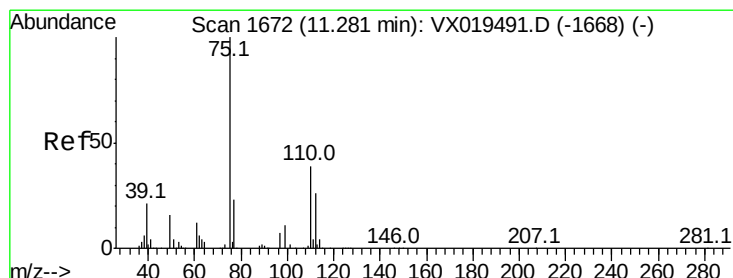
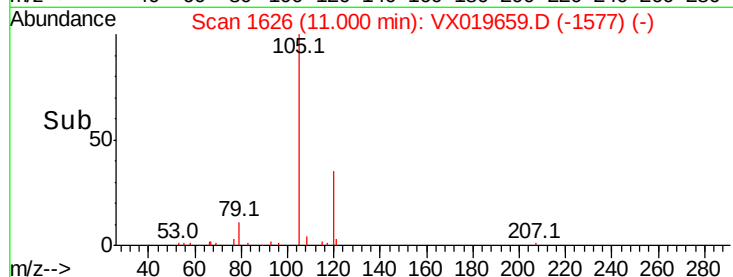
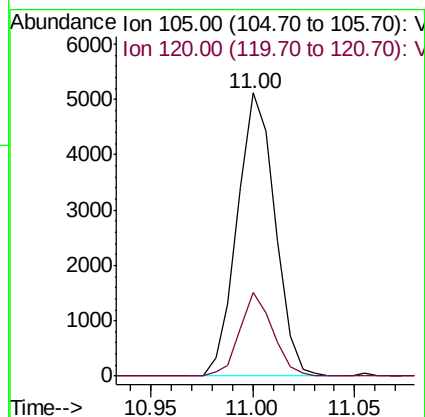
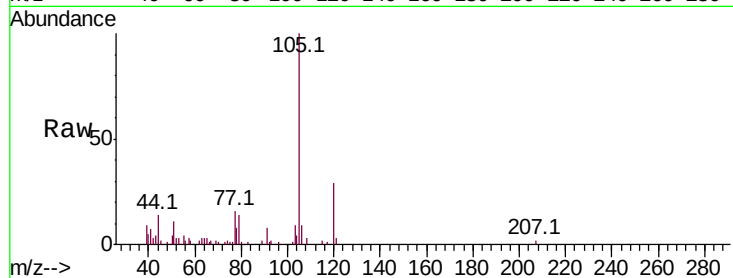
16855

Tot Ion:105 Resp: 6564

Ion Ratio Lower Upper

105 100

120 25.7 13.0 39.0



#76

1,2,3-Trichloropropane

Concen: 22.714 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019659.D

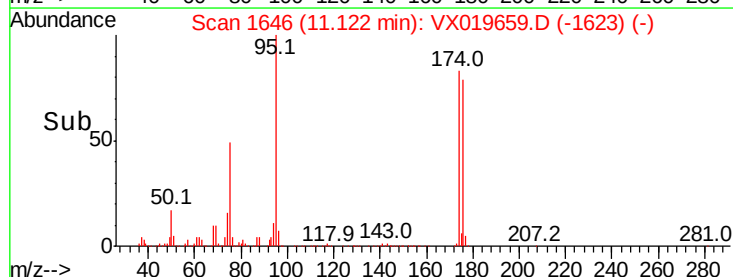
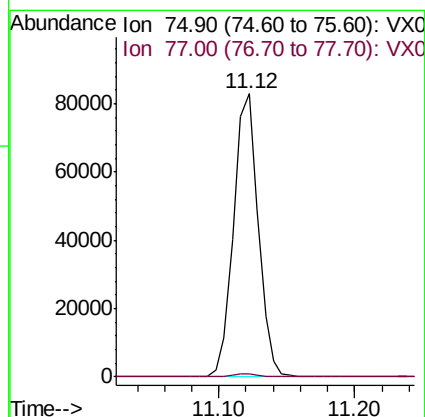
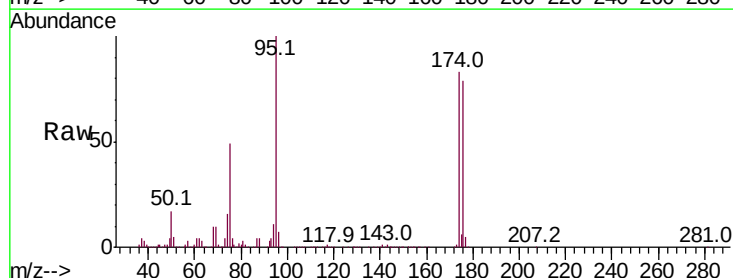
Acq: 25 Nov 2020 16:18

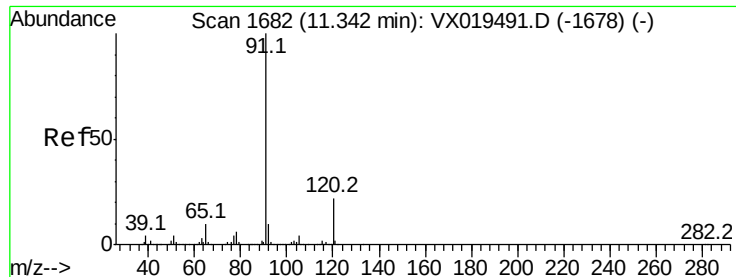
Tgt Ion: 75 Resp: 104823

Ion Ratio Lower Upper

75 100

77 1.5 20.0 60.0#





#78

n-propylbenzene

Concen: 1.355 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019659.D

Acq: 25 Nov 2020 16:18

Instrument :

MSVOA_X

ClientSampleId :

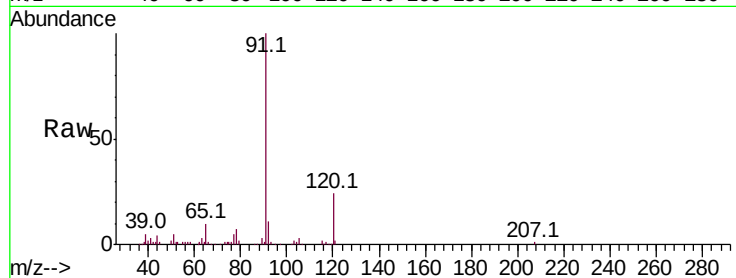
16855

Tot Ion: 91 Resp: 22747

Ion Ratio Lower Upper

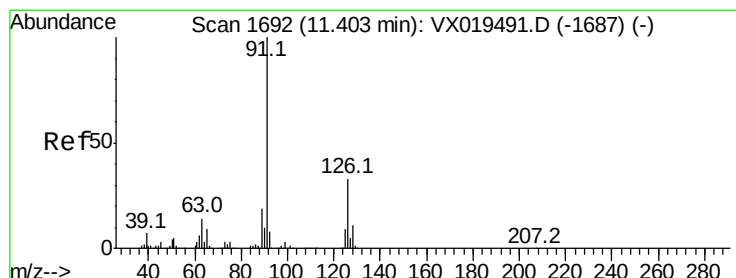
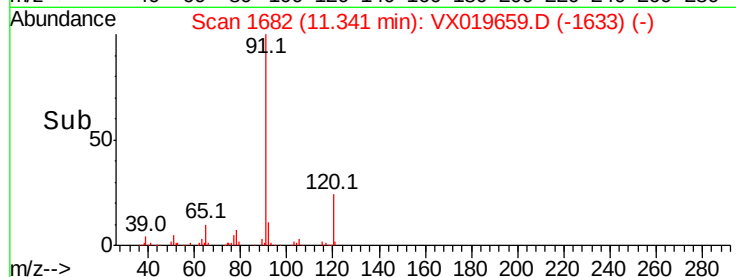
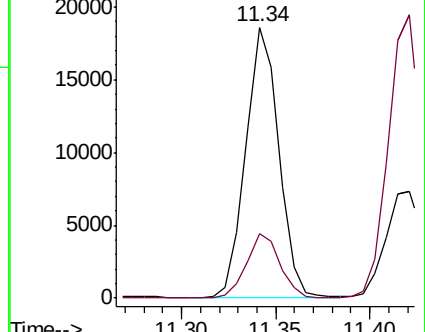
91 100

120 24.0 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 1.274 ug/l

RT: 11.42 min Scan# 1695

Delta R.T. 0.02 min

Lab File: VX019659.D

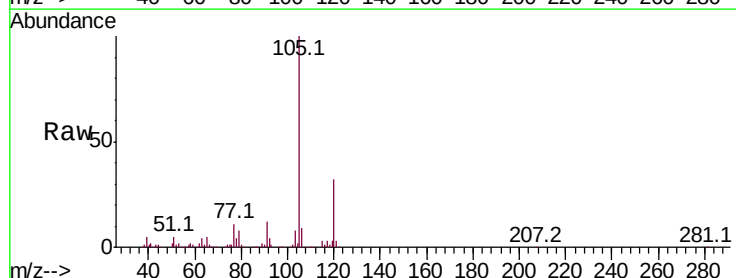
Acq: 25 Nov 2020 16:18

Tgt Ion: 91 Resp: 12970

Ion Ratio Lower Upper

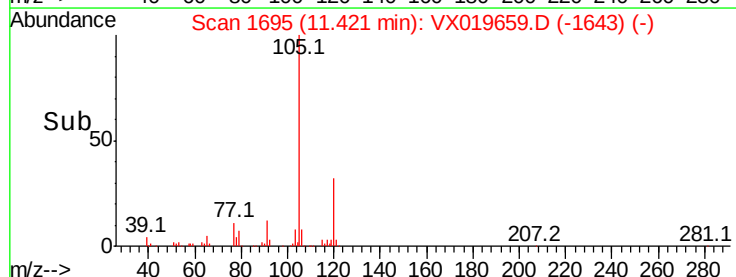
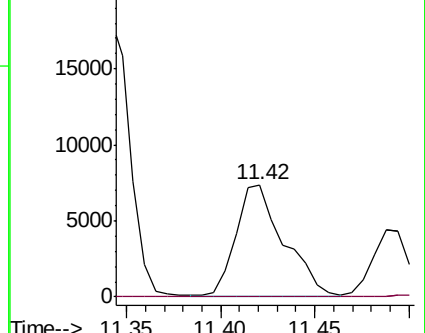
91 100

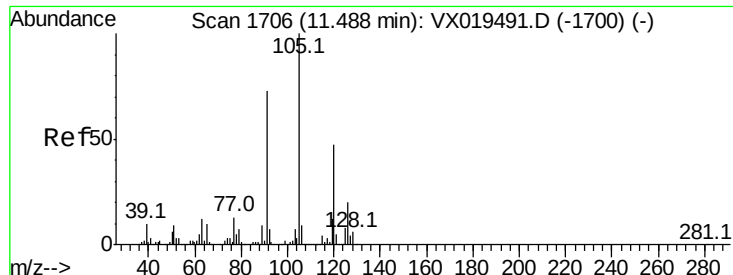
126 0.0 16.7 50.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 4.162 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019659.D

Acq: 25 Nov 2020 16:18

Instrument :

MSVOA_X

ClientSampleId :

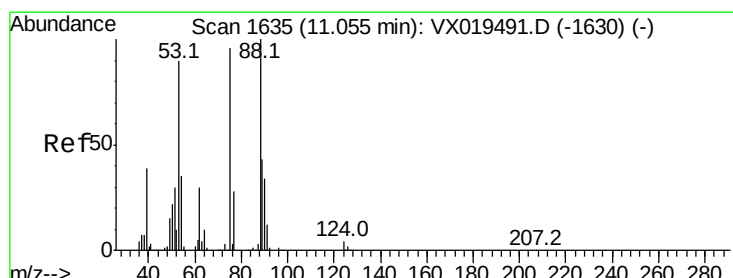
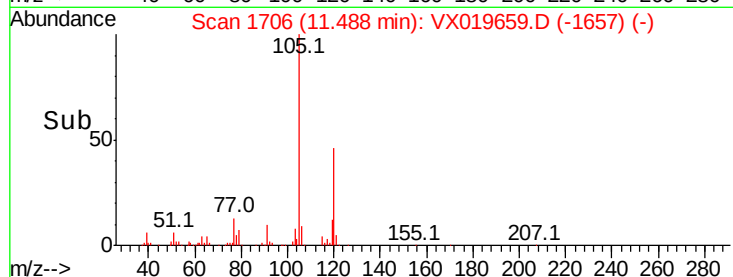
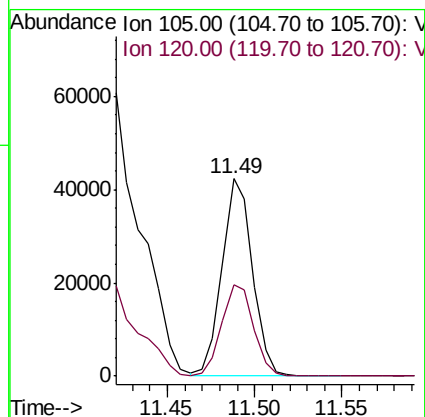
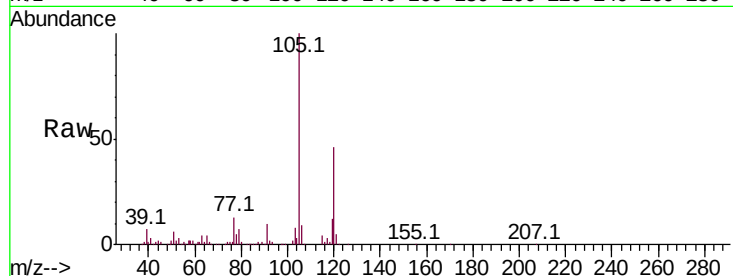
16855

Tot Ion:105 Resp: 51079

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 60.388 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX019659.D

Acq: 25 Nov 2020 16:18

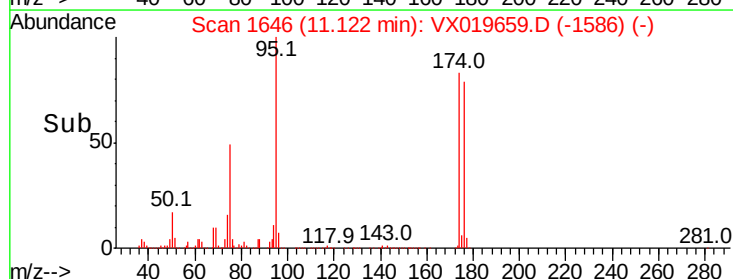
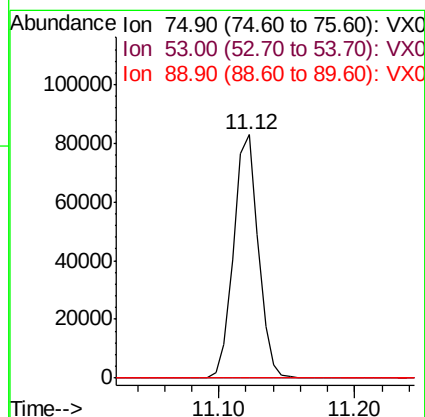
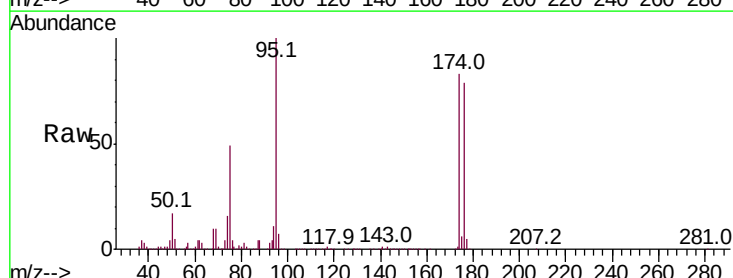
Tgt Ion: 75 Resp: 104823

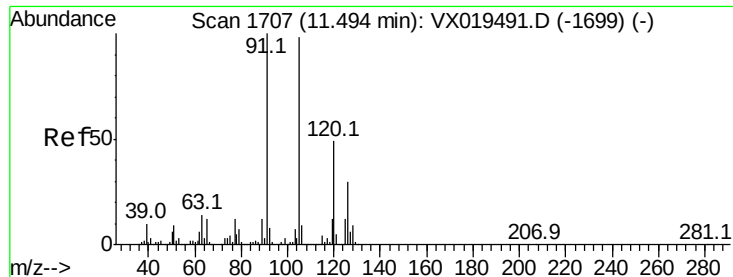
Ion Ratio Lower Upper

75 100

53 0.2 73.9 110.9#

89 0.0 37.3 55.9#





#82

4-Chlorotoluene

Concen: 0.479 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX019659.D

Acq: 25 Nov 2020 16:18

Instrument :

MSVOA_X

ClientSampleId :

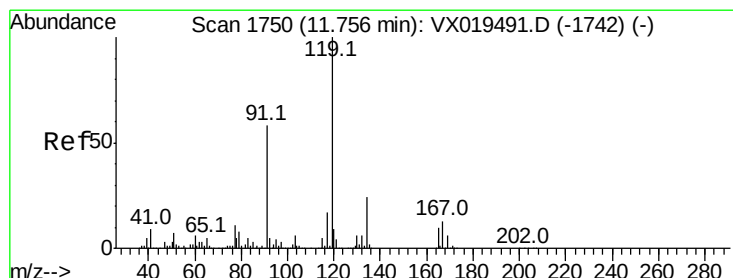
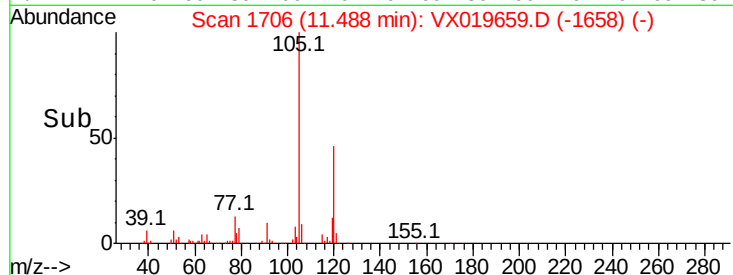
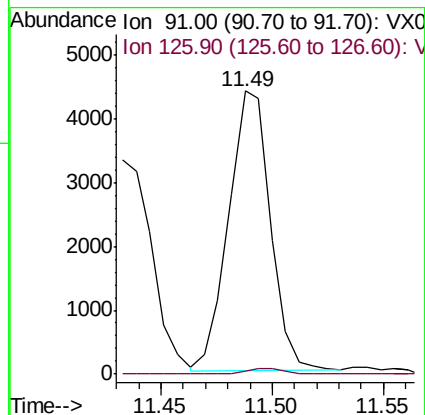
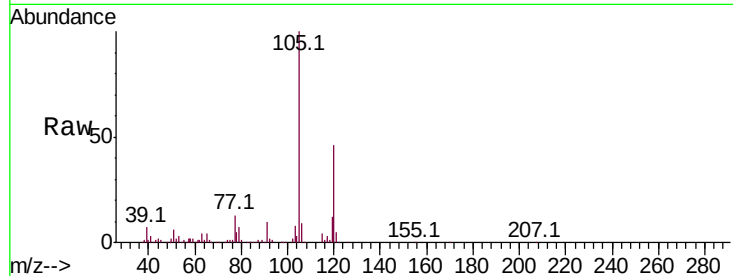
16855

Tot Ion: 91 Resp: 5738

Ion Ratio Lower Upper

91 100

126 1.9 14.9 44.7#



#83

tert-Butylbenzene

Concen: 0.874 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. 0.25 min

Lab File: VX019659.D

Acq: 25 Nov 2020 16:18

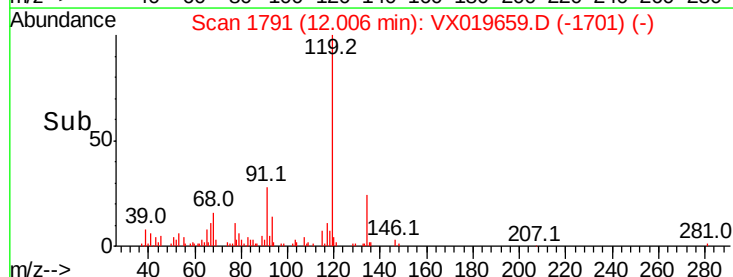
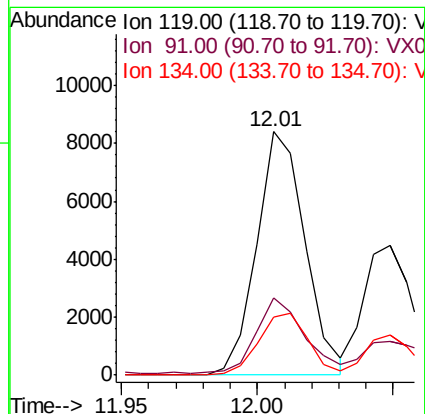
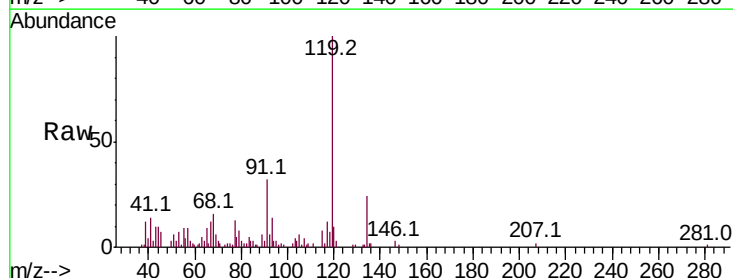
Tgt Ion: 119 Resp: 10372

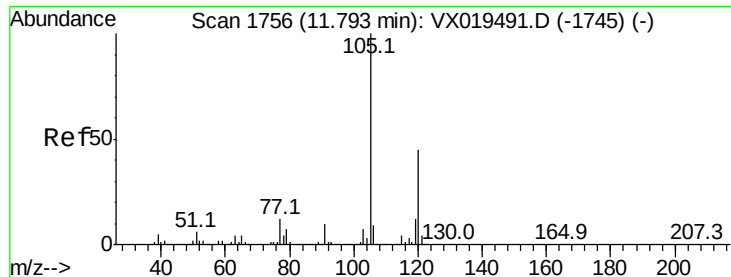
Ion Ratio Lower Upper

119 100

91 30.9 28.9 86.8

134 26.2 11.7 35.0

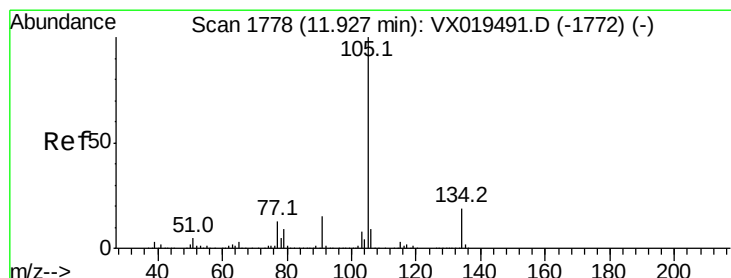
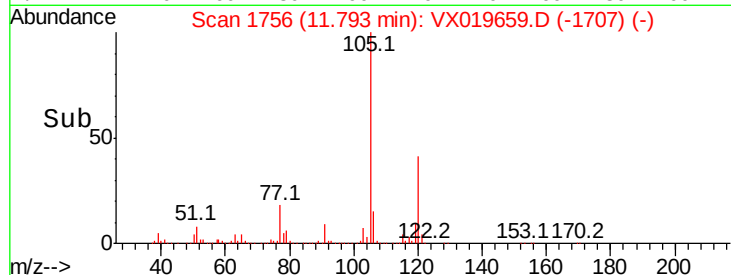
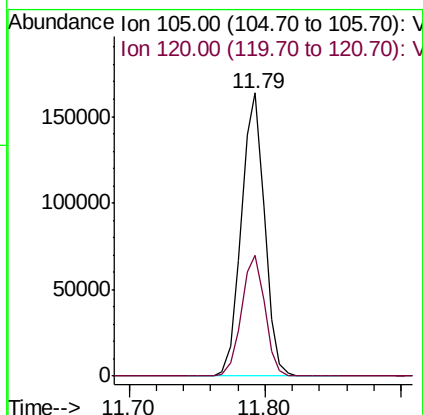
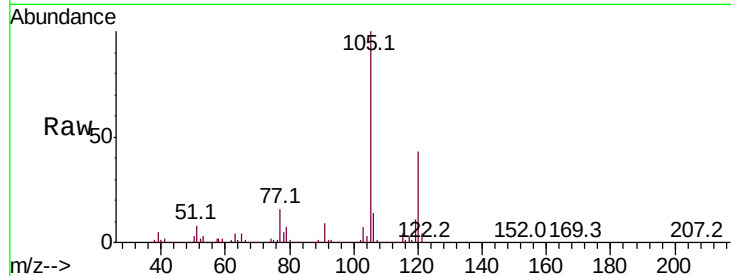




#84
 1,2,4-Trimethylbenzene
 Concen: 15.671 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019659.D
 Acq: 25 Nov 2020 16:18

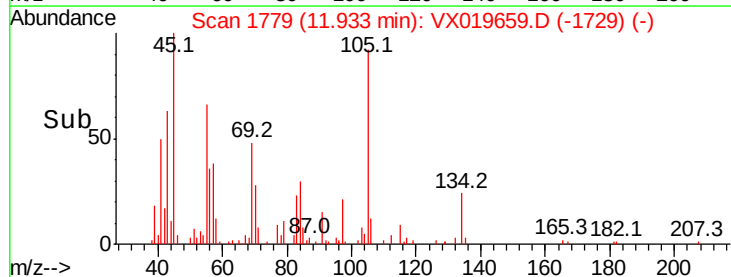
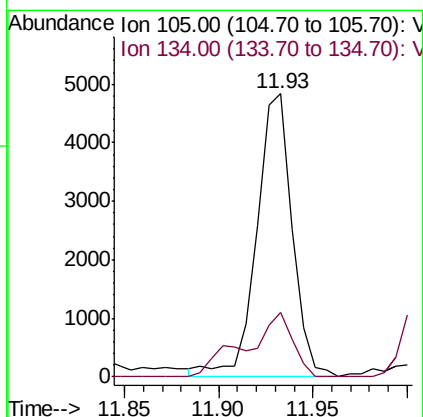
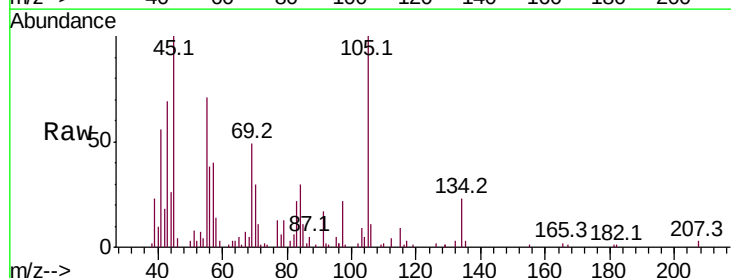
Instrument :
 MSVOA_X
 ClientSampleId :
 16855

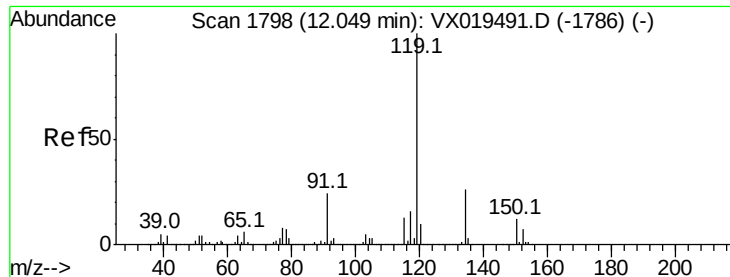
Tot Ion:105 Resp: 194587
 Ion Ratio Lower Upper
 105 100
 120 42.6 22.2 66.6



#85
 sec-Butylbenzene
 Concen: 0.448 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX019659.D
 Acq: 25 Nov 2020 16:18

Tgt Ion:105 Resp: 6327
 Ion Ratio Lower Upper
 105 100
 134 30.1 10.1 30.3

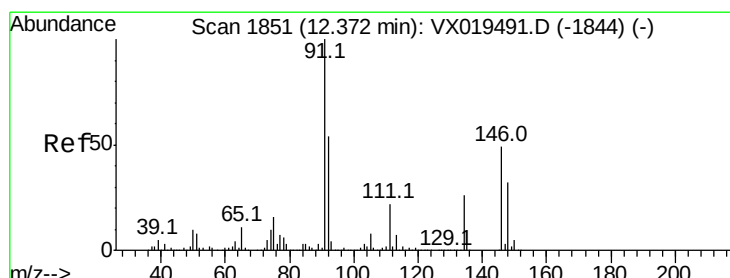
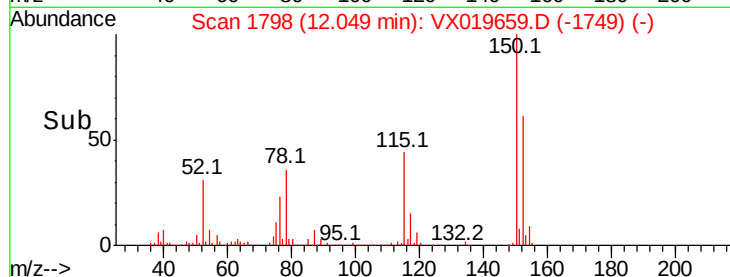
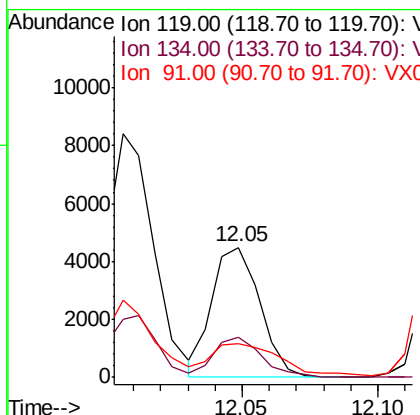
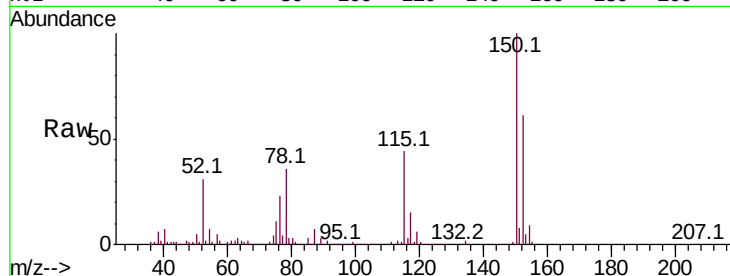




#86
 p-Isopropyltoluene
 Concen: 0.427 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019659.D
 Acq: 25 Nov 2020 16:18

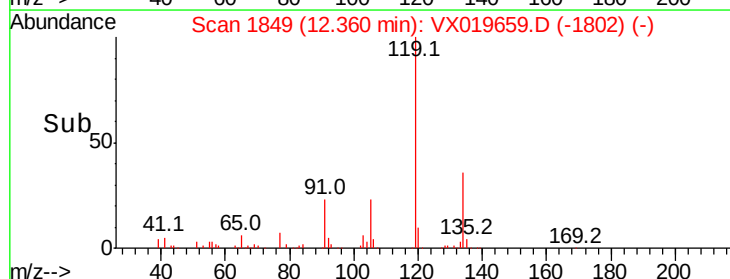
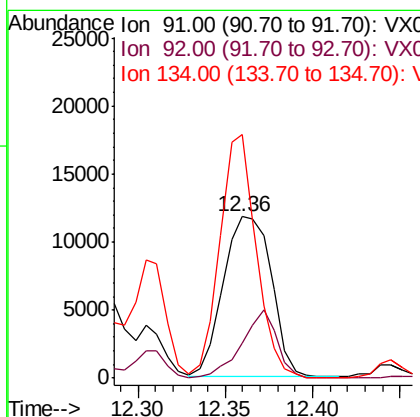
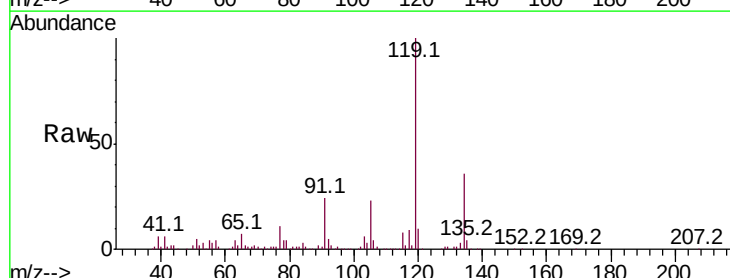
Instrument :
 MSVOA_X
 ClientSampled :
 16855

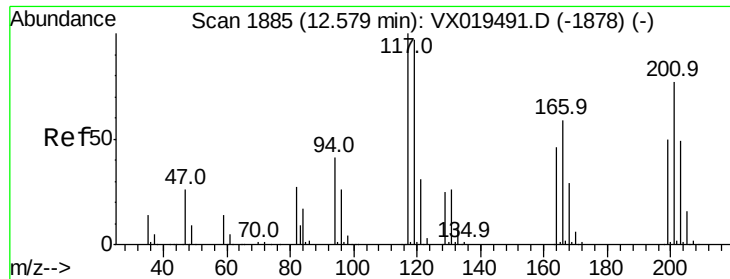
Tot Ion:119 Resp: 5475
 Ion Ratio Lower Upper
 119 100
 134 31.0 13.1 39.3
 91 34.3 11.8 35.4



#89
 n-Butylbenzene
 Concen: 1.933 ug/l
 RT: 12.36 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: VX019659.D
 Acq: 25 Nov 2020 16:18

Tgt Ion: 91 Resp: 22410
 Ion Ratio Lower Upper
 91 100
 92 31.5 26.9 80.6
 134 115.8 12.9 38.6#





#90

Hexachloroethane

Concen: 2.037 ug/l

RT: 12.59 min Scan# 1887

Delta R.T. 0.01 min

Lab File: VX019659.D

Acq: 25 Nov 2020 16:18

Instrument :

MSVOA_X

ClientSampleId :

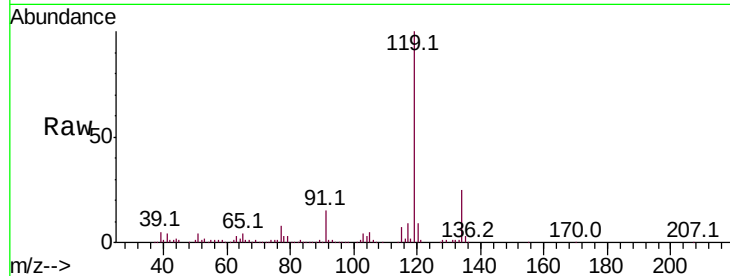
16855

Tot Ion:117 Resp: 4371

Ion Ratio Lower Upper

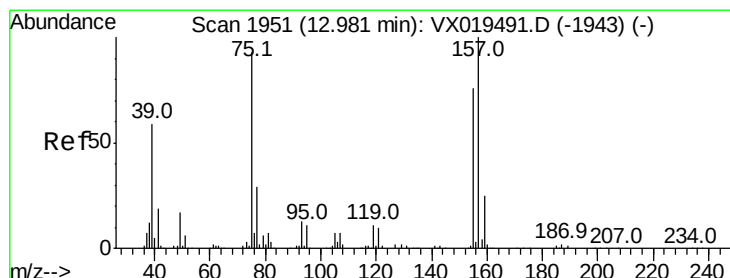
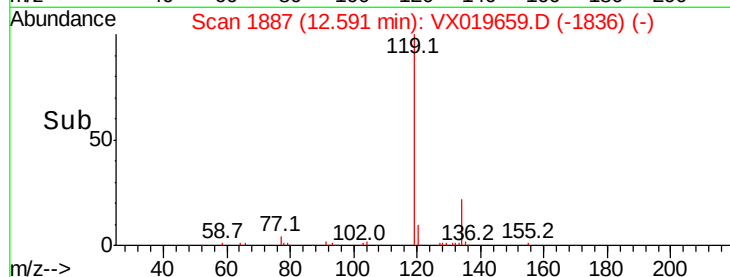
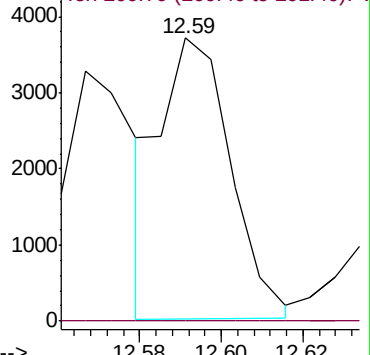
117 100

201 0.0 39.4 118.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.746 ug/l

RT: 13.00 min Scan# 1954

Delta R.T. 0.02 min

Lab File: VX019659.D

Acq: 25 Nov 2020 16:18

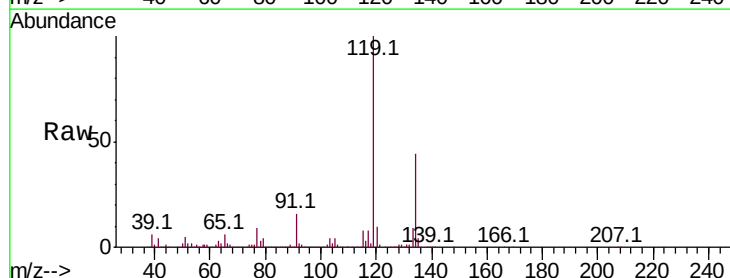
Tgt Ion: 75 Resp: 796

Ion Ratio Lower Upper

75 100

155 0.0 43.6 130.9#

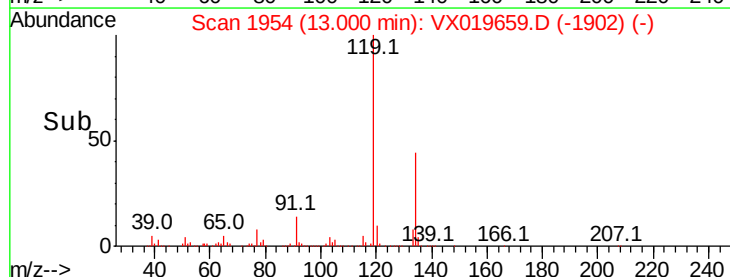
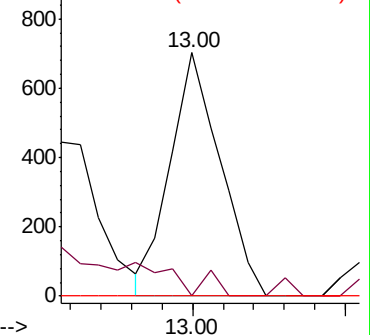
157 0.0 57.0 170.8#

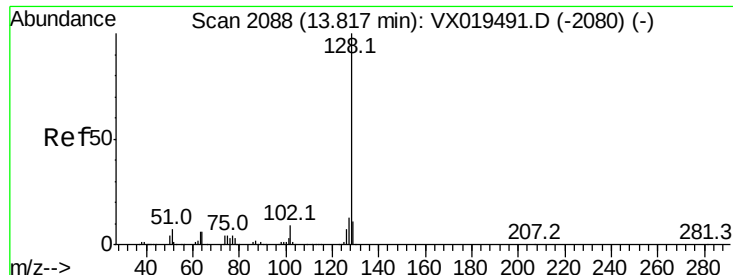


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 21.474 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019659.D

Acq: 25 Nov 2020 16:18

Instrument :

MSVOA_X

ClientSampleId :

16855

Tot Ion:128 Resp: 314690

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.3 8.7 13.1

