

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090820\
 Data File : VX018297.D
 Acq On : 09 Sep 2020 00:45
 Operator : JC/SP
 Sample : L3877-03DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1

Quant Time: Sep 09 02:48:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	459040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	760533	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	730472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	409969	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	335218	52.60	ug/l	0.00
Spiked Amount			Recovery	=	105.20%	
35) Dibromofluoromethane	5.46	113	256436	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
50) Toluene-d8	8.70	98	930409	48.23	ug/l	0.00
Spiked Amount			Recovery	=	96.46%	
62) 4-Bromofluorobenzene	11.12	95	373078	49.15	ug/l	0.00
Spiked Amount			Recovery	=	98.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	716	0.253	ug/l #	16
6) Chloroethane	1.72	64	788	0.250	ug/l #	41
10) Methyl Iodide	2.51	142	969	5.474	ug/l #	90
11) Tert butyl alcohol	3.00	59	2641	2.131	ug/l #	89
13) Acrolein	2.27	56	480	0.934	ug/l	98
16) Acetone	2.42	43	9351	3.766	ug/l #	82
17) Carbon Disulfide	2.55	76	4179	0.308	ug/l	96
18) Methyl Acetate	2.76	43	1952	0.326	ug/l #	89
20) Methylene Chloride	2.84	84	4658	Below Cal	#	80
25) 2-Butanone	4.64	43	1371	0.336	ug/l #	89
27) cis-1,2-Dichloroethene	4.57	96	9916	1.732	ug/l	85
36) 1,1-Dichloropropene	5.63	75	38586	5.501	ug/l #	51
38) Carbon Tetrachloride	5.64	117	49284	6.234	ug/l #	15
39) Methylcyclohexane	7.44	83	1907	0.249	ug/l #	71
40) Benzene	6.12	78	5146689	249.693	ug/l	99
42) 1,2-Dichloroethane	6.12	62	49591	6.280	ug/l #	75
43) Isopropyl Acetate	6.42	43	12769	0.970	ug/l #	87
44) Trichloroethene	7.19	130	1490	0.256	ug/l	100
48) Methyl methacrylate	7.85	41	17596	2.686	ug/l #	47
49) 1,4-Dioxane	7.69	88	99	0.834	ug/l #	1
51) 4-Methyl-2-Pentanone	8.60	43	10228	1.258	ug/l #	48
52) Toluene	8.76	92	24553	1.879	ug/l	98
59) 2-Hexanone	9.52	43	8763	1.418	ug/l	66
67) Ethyl Benzene	10.24	91	2041813	82.297	ug/l	98
68) m/p-Xylenes	10.34	106	585058	63.179	ug/l	98
69) o-Xylene	10.68	106	156825	17.470	ug/l	98
70) Styrene	10.68	104	11399	0.746	ug/l #	1
73) Isopropylbenzene	11.00	105	63622	2.353	ug/l	99
76) 1,2,3-Trichloropropane	11.12	75	188514	20.671	ug/l #	36
78) n-propylbenzene	11.34	91	95068	3.096	ug/l	98
79) 2-Chlorotoluene	11.42	91	49930	2.632	ug/l #	44
80) 1,3,5-Trimethylbenzene	11.49	105	259906	11.696	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.12	75	188514	55.828	ug/l #	12
82) 4-Chlorotoluene	11.49	91	30565	1.355	ug/l #	48

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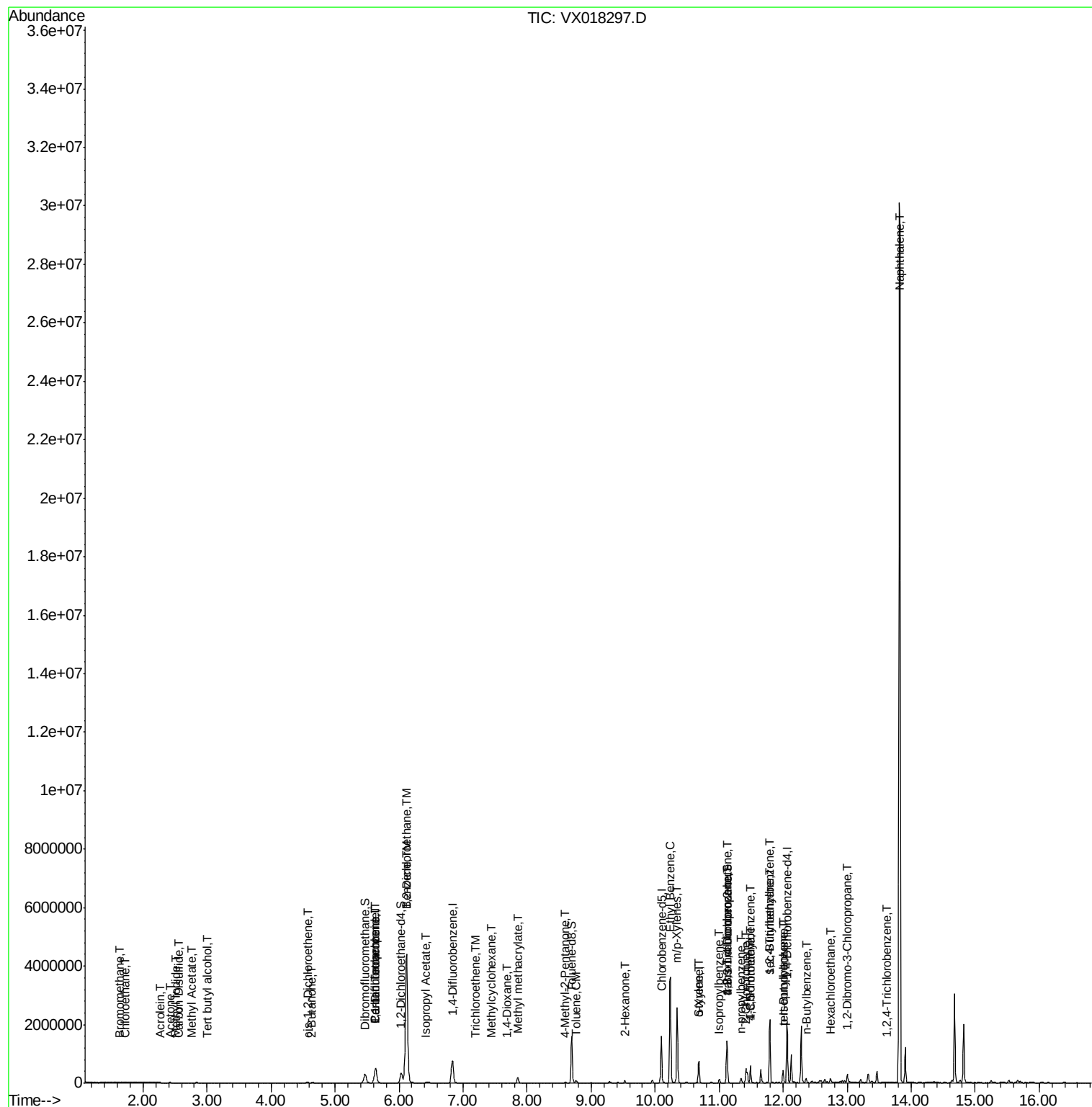
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	12.00	119	30900	1.409	ug/l	71
84) 1,2,4-Trimethylbenzene	11.79	105	915235	40.284	ug/l	100
85) sec-Butylbenzene	11.79	105	915235	36.699	ug/l #	56
86) p-Isopropyltoluene	12.00	119	30900	1.349	ug/l	86
89) n-Butylbenzene	12.36	91	18677	0.893	ug/l #	22
90) Hexachloroethane	12.74	117	53113	11.785	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	13.00	75	3379	1.417	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.63	180	1808	0.219	ug/l #	57
95) Naphthalene	13.82	128	14564867	537.228	ug/l #	87

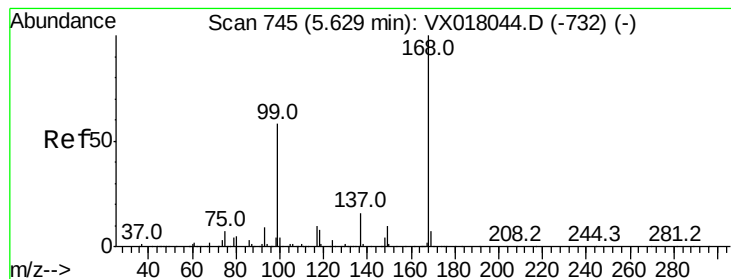
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX018297.D

Acq: 09 Sep 2020 00:45

Instrument :

MSVOA_X

ClientSampleId :

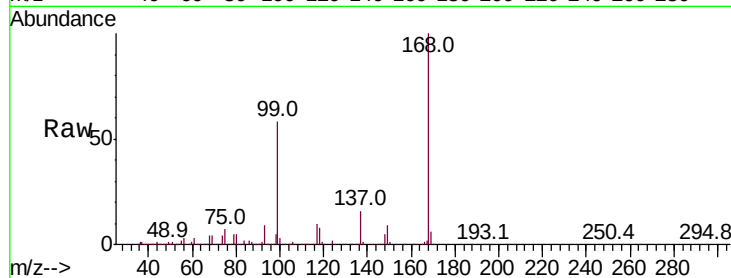
TP-1

Tot Ion:168 Resp: 459040

Ion Ratio Lower Upper

168 100

99 57.8 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

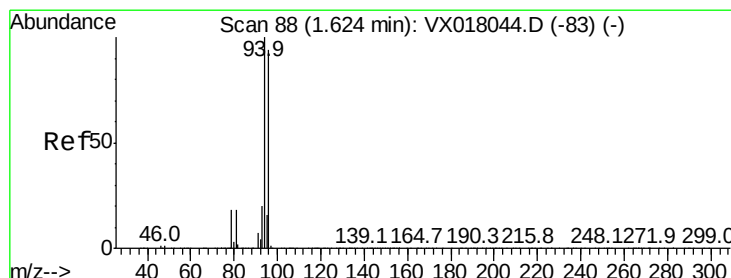
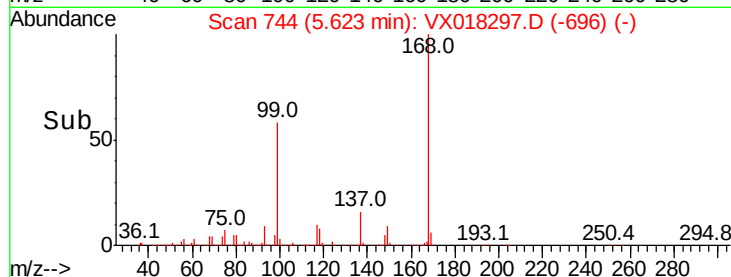
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.253 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX018297.D

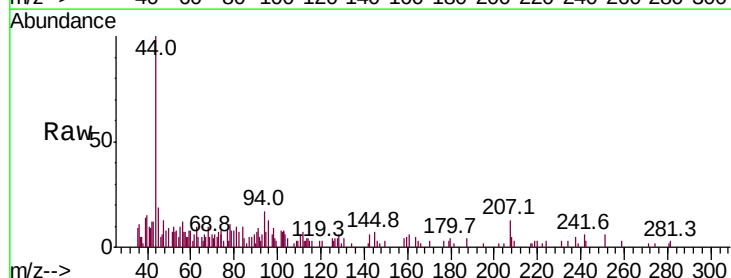
Acq: 09 Sep 2020 00:45

Tgt Ion: 94 Resp: 716

Ion Ratio Lower Upper

94 100

96 12.9 74.8 112.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

600

500

400

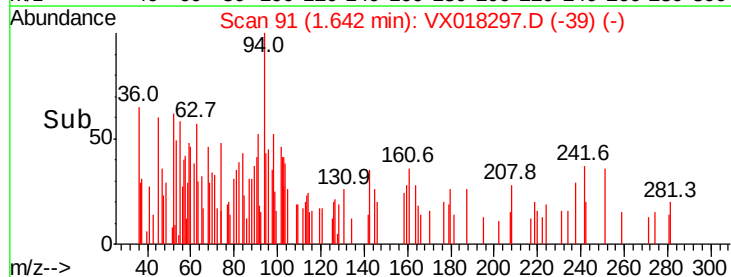
300

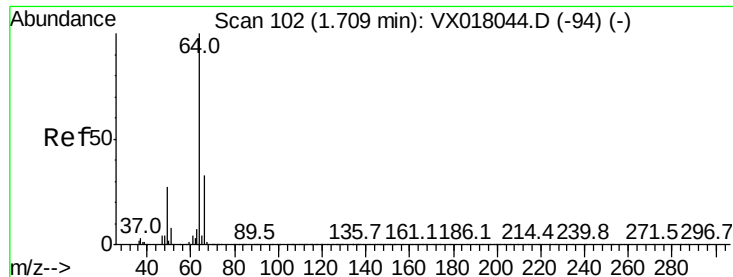
200

100

0

Time-->





#6

Chloroethane

Concen: 0.250 ug/l

RT: 1.72 min Scan# 104

Delta R.T. 0.01 min

Lab File: VX018297.D

Acq: 09 Sep 2020 00:45

Instrument :

MSVOA_X

ClientSampled :

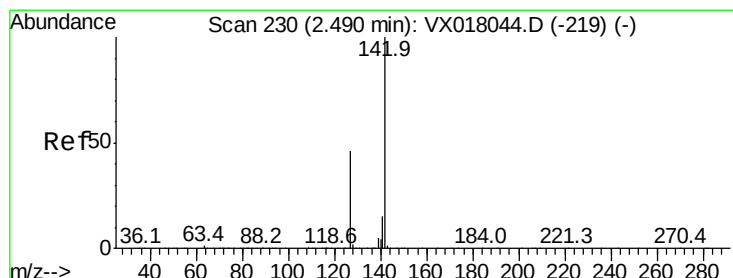
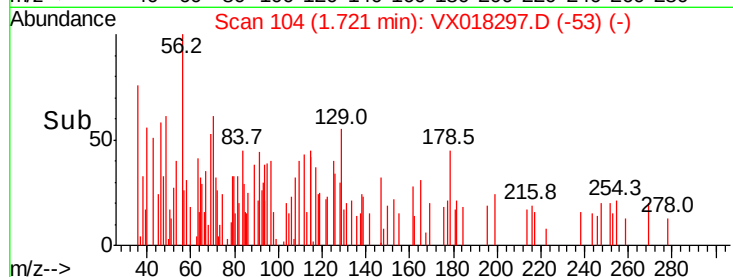
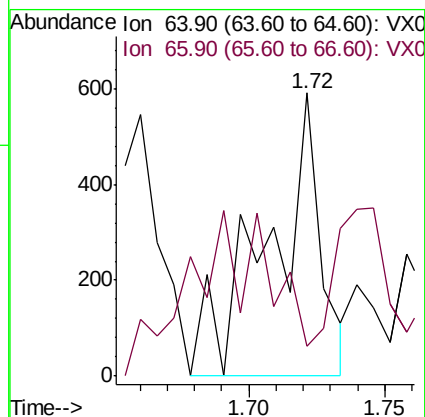
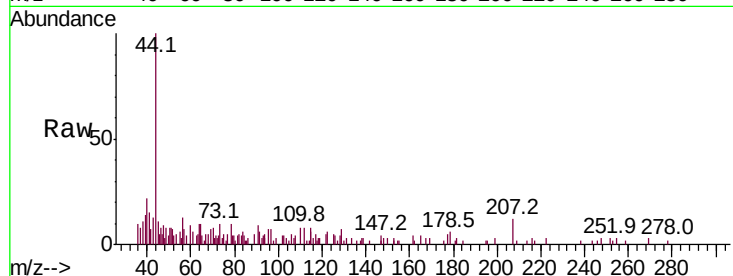
TP-1

Tot Ion: 64 Resp: 788

Ion Ratio Lower Upper

64 100

66 0.0 26.6 39.8#



#10

Methyl Iodide

Concen: 5.474 ug/l

RT: 2.51 min Scan# 233

Delta R.T. 0.02 min

Lab File: VX018297.D

Acq: 09 Sep 2020 00:45

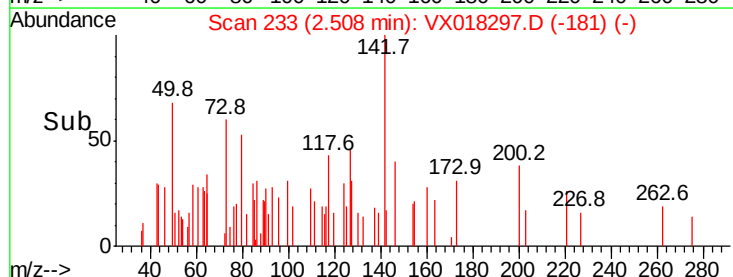
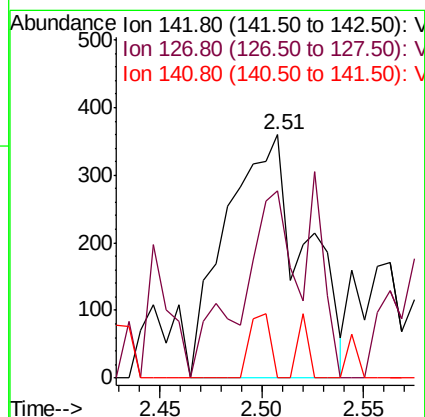
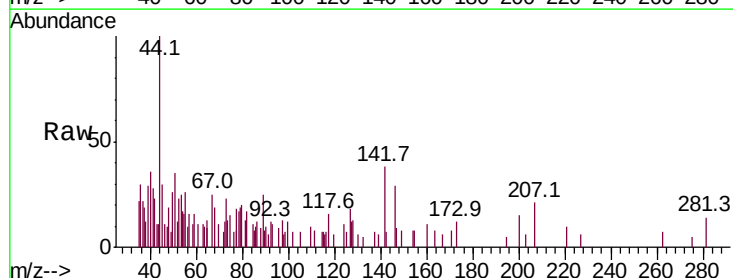
Tgt Ion: 142 Resp: 969

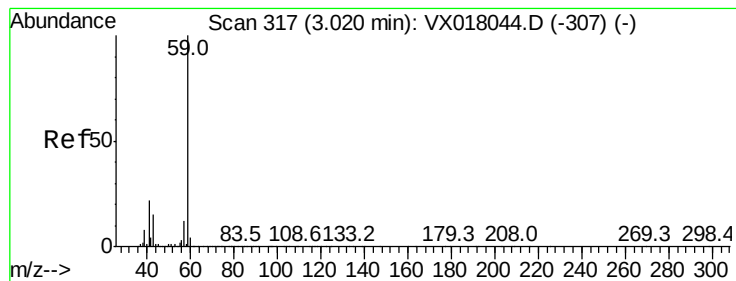
Ion Ratio Lower Upper

142 100

127 50.9 37.0 55.6

141 6.9 11.5 17.3#



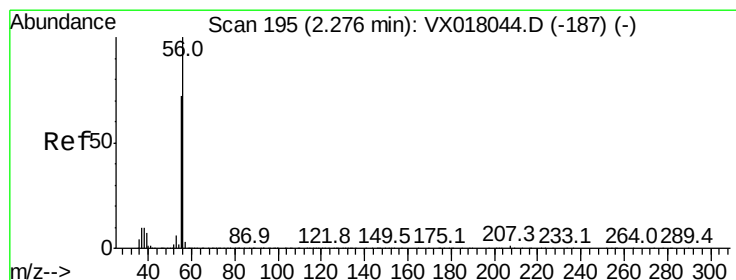
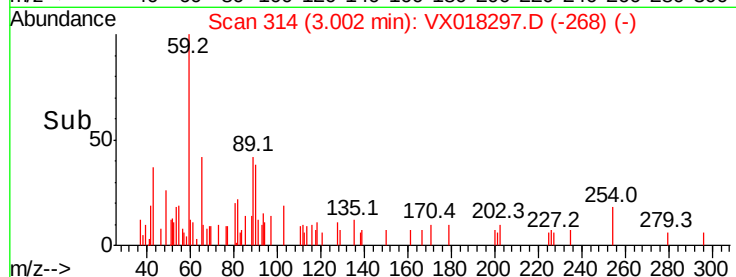
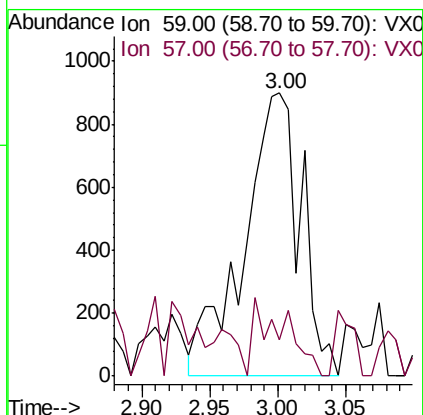
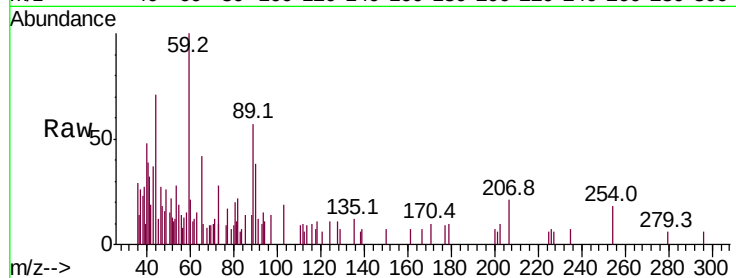


#11

Tert butyl alcohol
 Concen: 2.131 ug/l
 RT: 3.00 min Scan# 314
 Delta R.T. -0.02 min
 Lab File: VX018297.D
 Acq: 09 Sep 2020 00:45

Instrument :
 MSVOA_X
 ClientSampled :
 TP-1

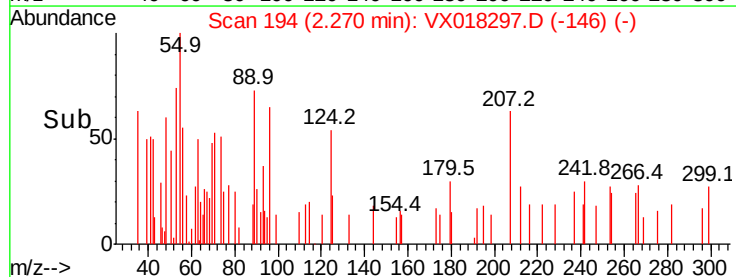
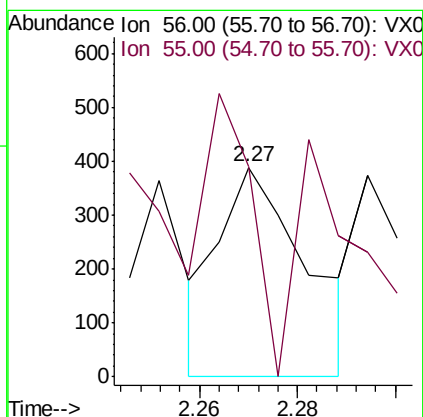
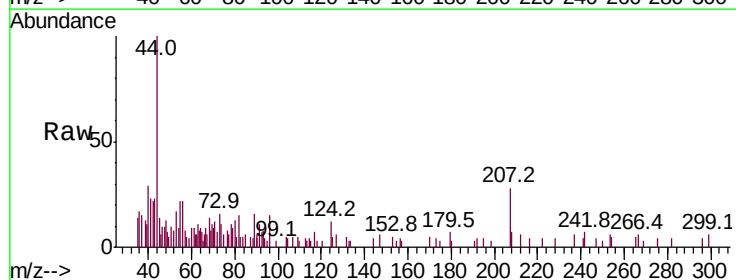
Tot Ion: 59 Resp: 2641
 Ion Ratio Lower Upper
 59 100
 57 15.3 8.9 13.3#

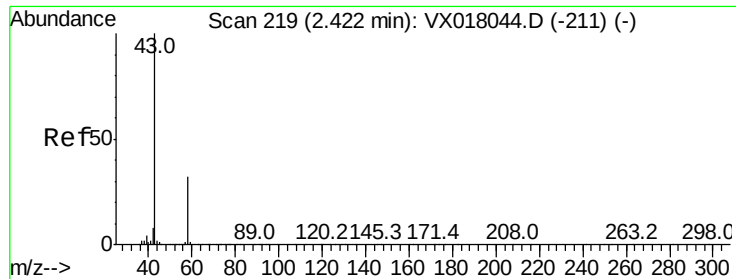


#13

Acrolein
 Concen: 0.934 ug/l
 RT: 2.27 min Scan# 194
 Delta R.T. -0.01 min
 Lab File: VX018297.D
 Acq: 09 Sep 2020 00:45

Tgt Ion: 56 Resp: 480
 Ion Ratio Lower Upper
 56 100
 55 69.8 57.0 85.6





#16

Acetone

Concen: 3.766 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018297.D

Acq: 09 Sep 2020 00:45

Instrument :

MSVOA_X

ClientSampled :

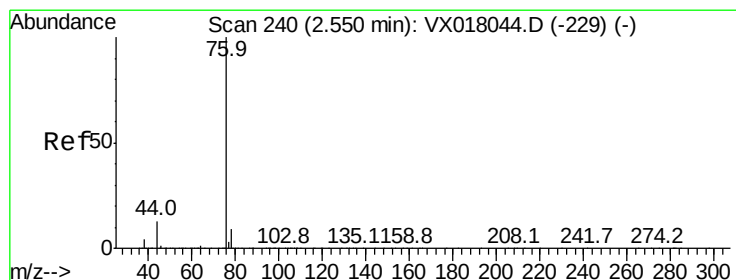
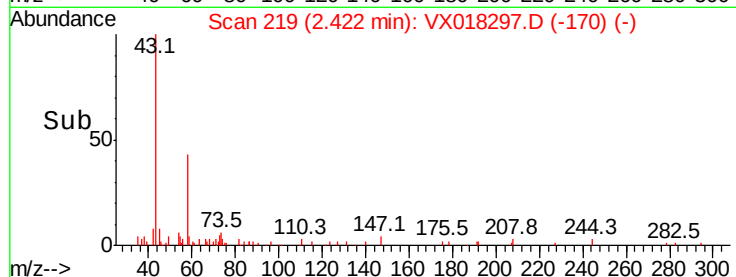
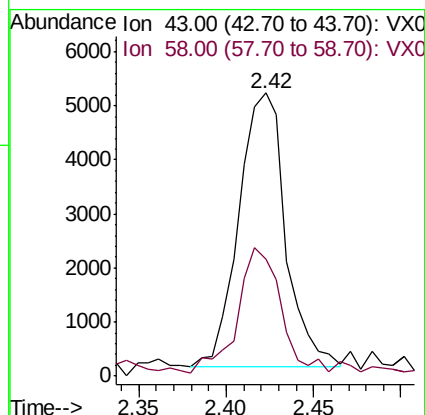
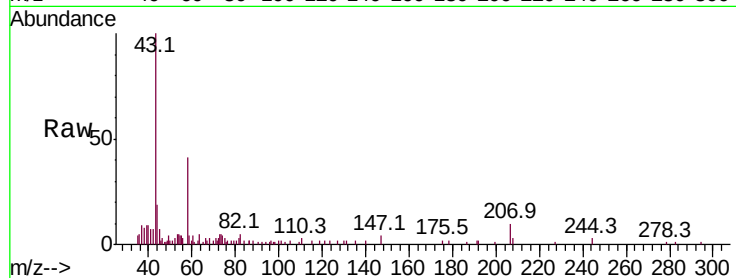
TP-1

Tot Ion: 43 Resp: 9351

Ion Ratio Lower Upper

43 100

58 41.7 25.5 38.3#



#17

Carbon Disulfide

Concen: 0.308 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018297.D

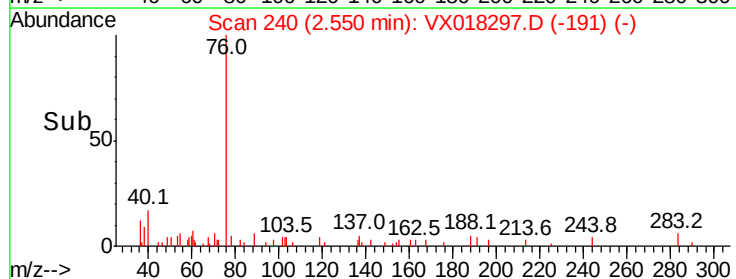
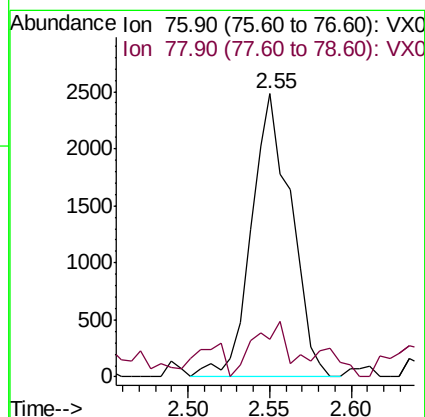
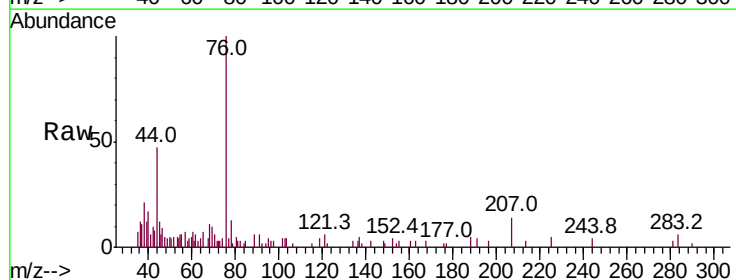
Acq: 09 Sep 2020 00:45

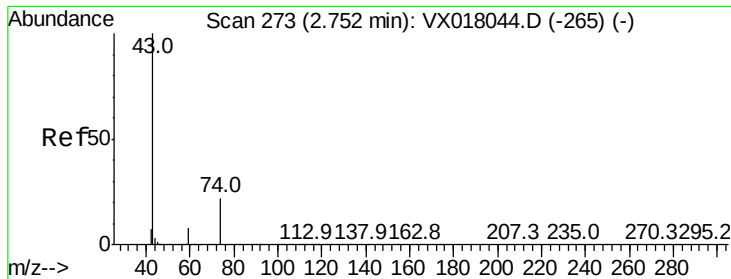
Tgt Ion: 76 Resp: 4179

Ion Ratio Lower Upper

76 100

78 7.8 7.4 11.0

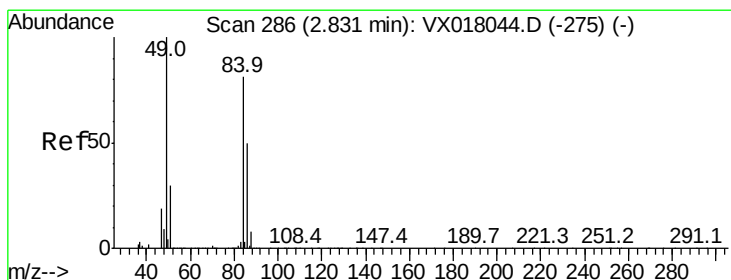
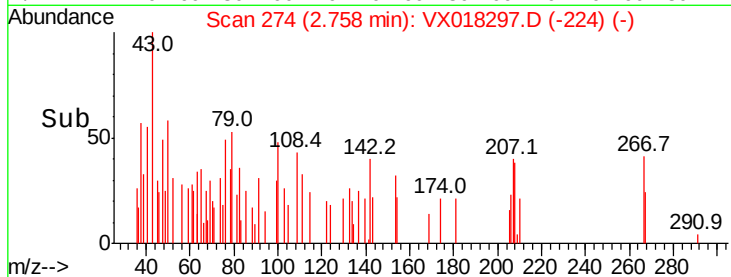
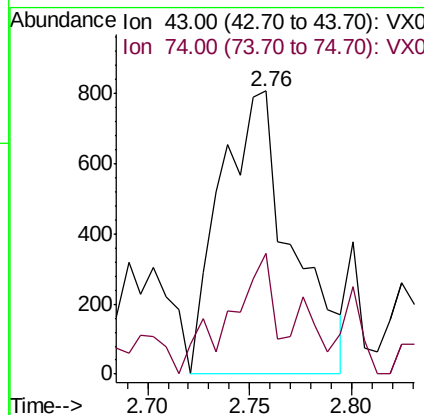
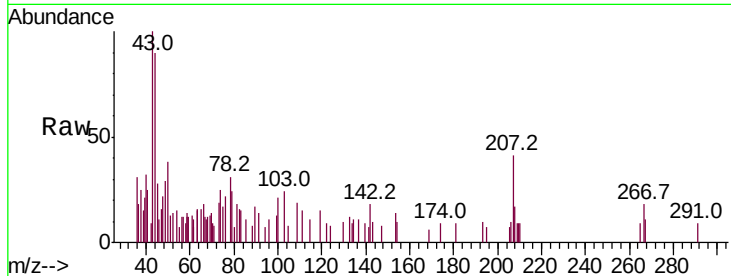




#18
Methyl Acetate
Concen: 0.326 ug/l
RT: 2.76 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX018297.D
Acq: 09 Sep 2020 00:45

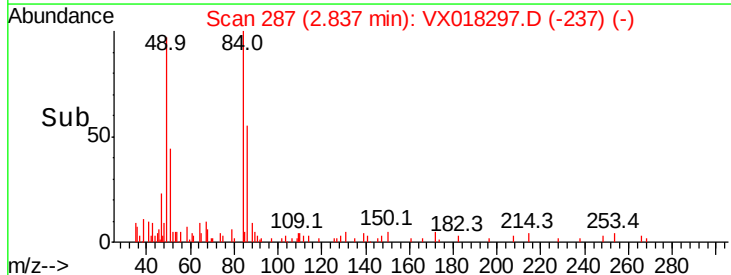
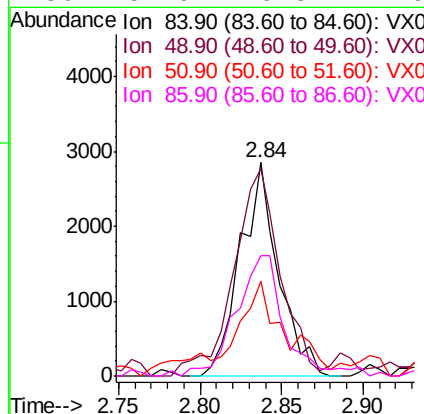
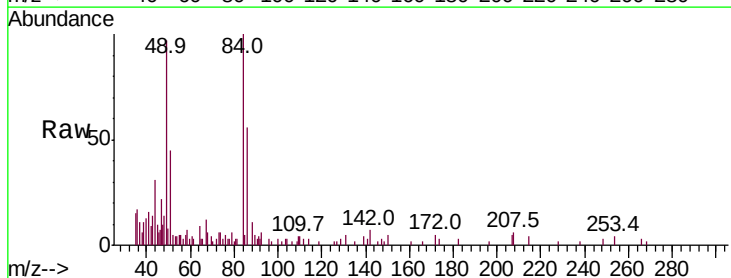
Instrument :
MSVOA_X
ClientSampled :
TP-1

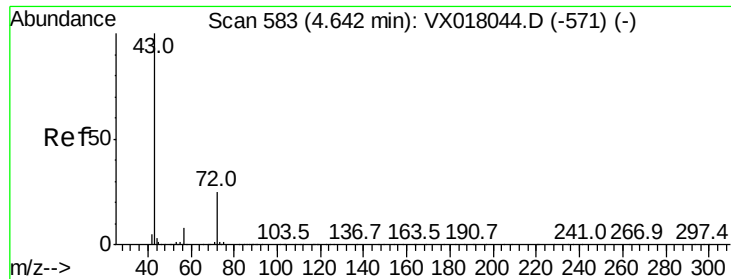
Tot Ion: 43 Resp: 1952
Ion Ratio Lower Upper
43 100
74 27.9 18.2 27.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018297.D
Acq: 09 Sep 2020 00:45

Tgt Ion: 84 Resp: 4658
Ion Ratio Lower Upper
84 100
49 90.0 98.6 148.0#
51 38.7 29.6 44.4
86 52.9 49.8 74.6





#25

2-Butanone

Concen: 0.336 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018297.D

Acq: 09 Sep 2020 00:45

Instrument :

MSVOA_X

ClientSampleId :

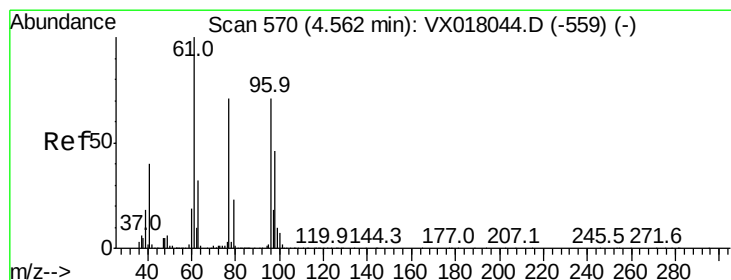
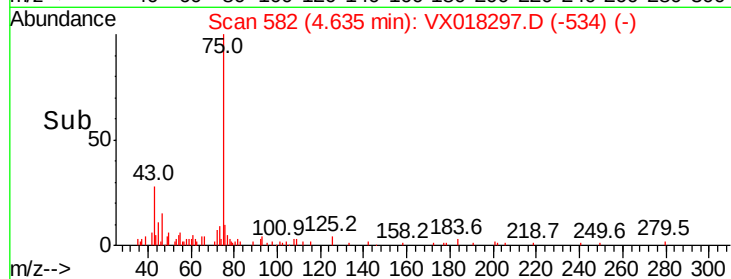
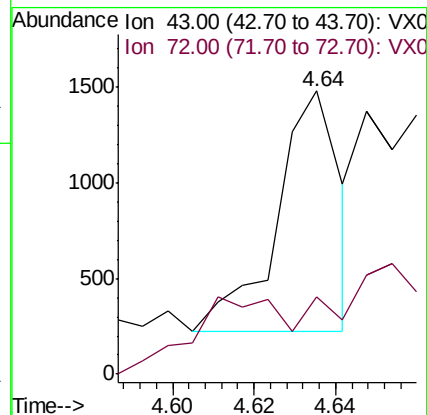
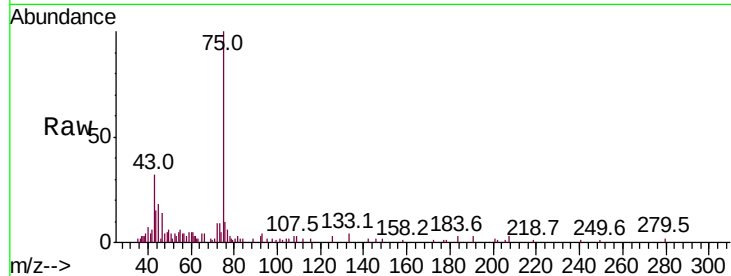
TP-1

Tot Ion: 43 Resp: 1371

Ion Ratio Lower Upper

43 100

72 19.0 19.8 29.6#



#27

cis-1,2-Dichloroethene

Concen: 1.732 ug/l

RT: 4.57 min Scan# 572

Delta R.T. 0.01 min

Lab File: VX018297.D

Acq: 09 Sep 2020 00:45

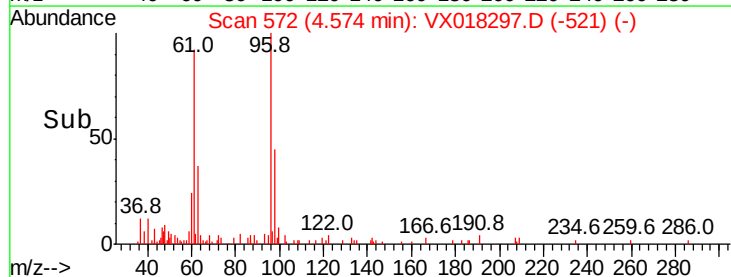
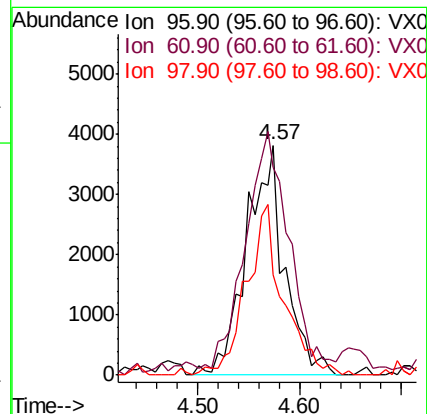
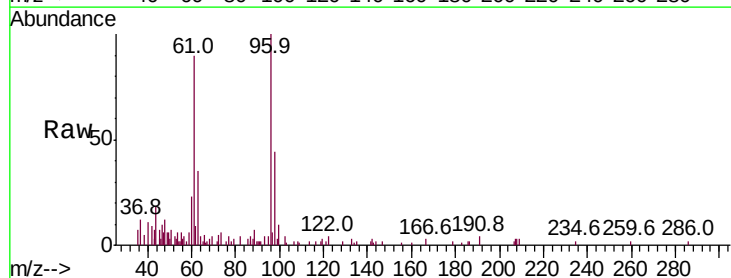
Tgt Ion: 96 Resp: 9916

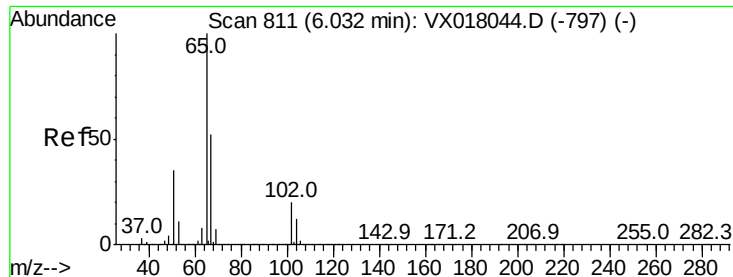
Ion Ratio Lower Upper

96 100

61 124.9 0.0 296.6

98 71.7 0.0 130.2





#33

1,2-Dichloroethane-d4

Concen: 52.603 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

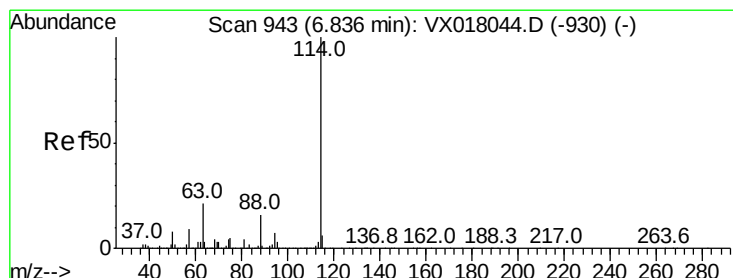
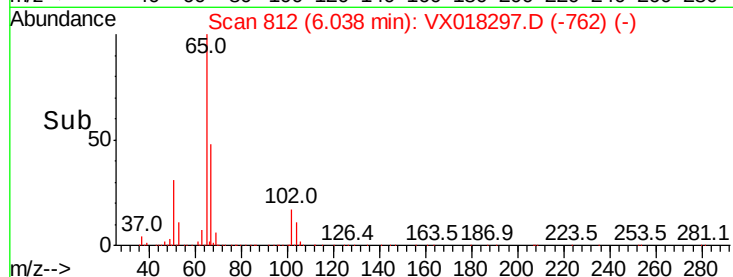
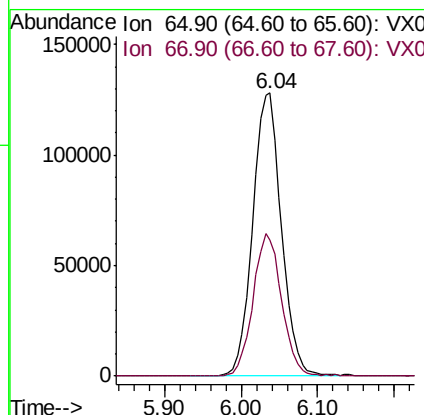
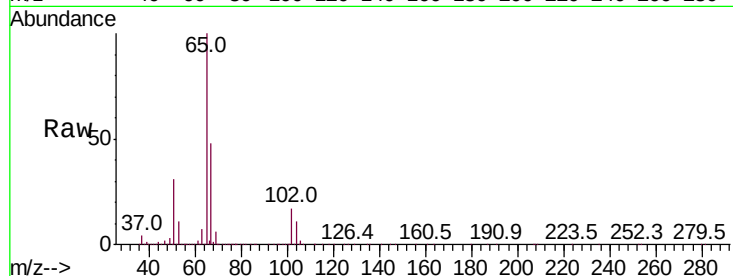
Lab File: VX018297.D

Acq: 09 Sep 2020 00:45

Instrument :
MSVOA_X
ClientSampled :
TP-1

Tot Ion: 65 Resp: 335218

Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

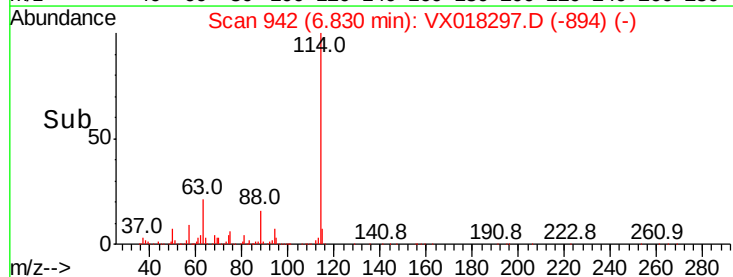
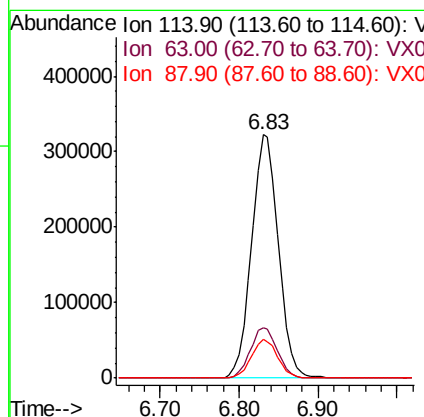
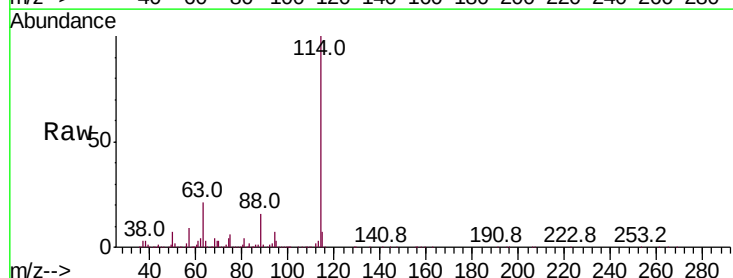
Delta R.T. -0.01 min

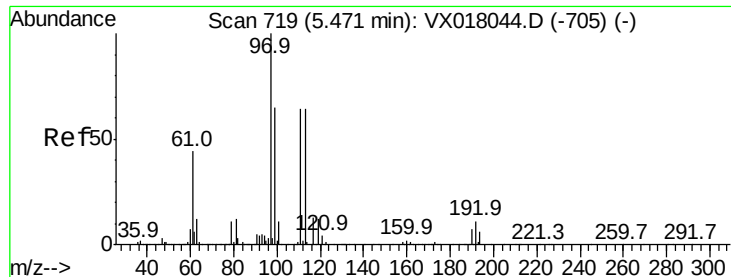
Lab File: VX018297.D

Acq: 09 Sep 2020 00:45

Tgt Ion: 114 Resp: 760533

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	42.6
88	15.9	0.0	31.8





#35

Dibromofluoromethane

Concen: 49.509 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018297.D

Acq: 09 Sep 2020 00:45

Instrument :

MSVOA_X

ClientSampleId :

TP-1

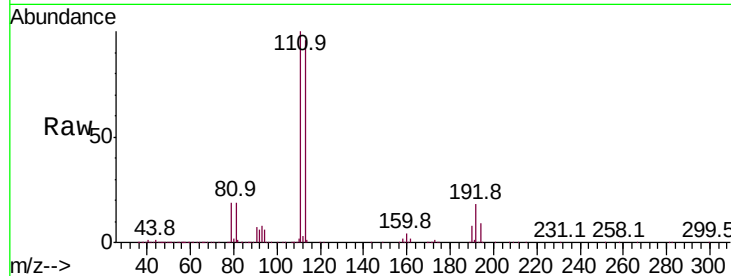
Tot Ion:113 Resp: 256436

Ion Ratio Lower Upper

113 100

111 103.7 81.6 122.4

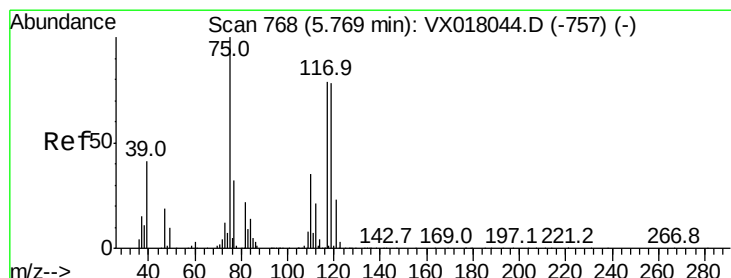
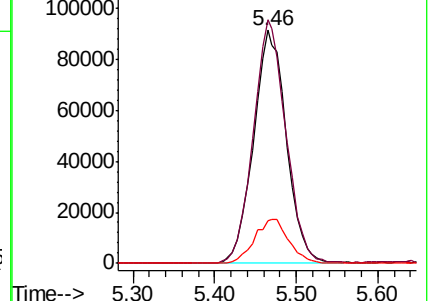
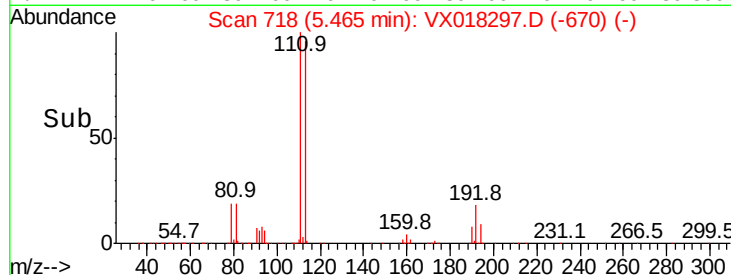
192 19.9 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.501 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX018297.D

Acq: 09 Sep 2020 00:45

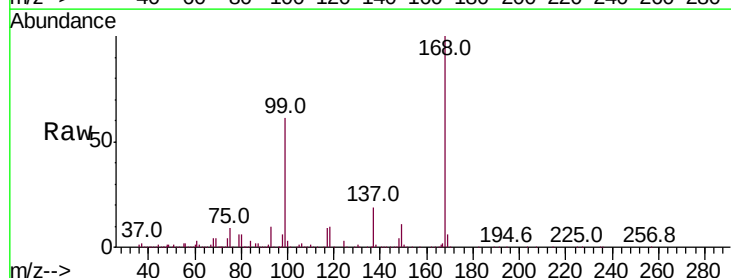
Tgt Ion: 75 Resp: 38586

Ion Ratio Lower Upper

75 100

110 10.1 18.0 54.0#

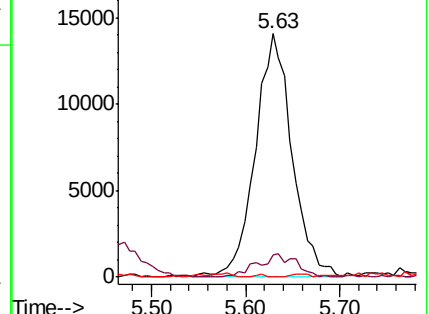
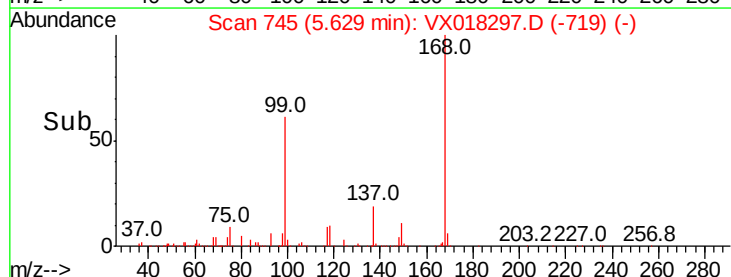
77 0.2 24.4 36.6#

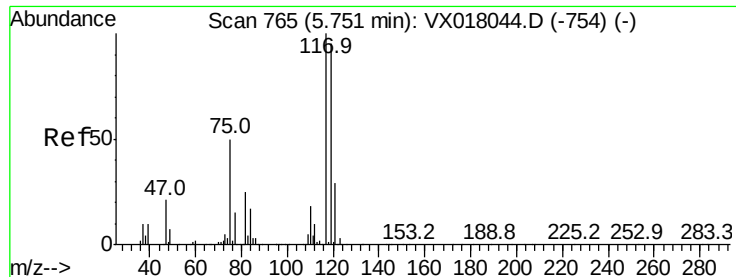


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.234 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.12 min

Lab File: VX018297.D

Acq: 09 Sep 2020 00:45

Instrument :

MSVOA_X

ClientSampled :

TP-1

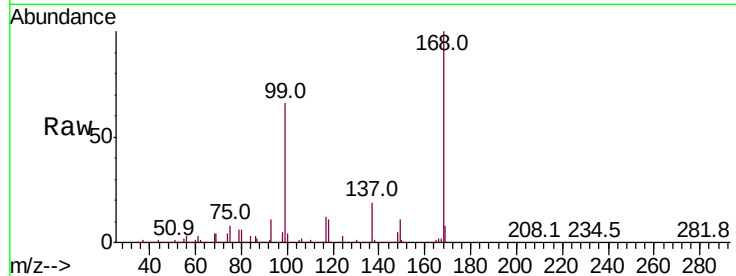
Tot Ion:117 Resp: 49284

Ion Ratio Lower Upper

117 100

119 3.1 75.8 113.6#

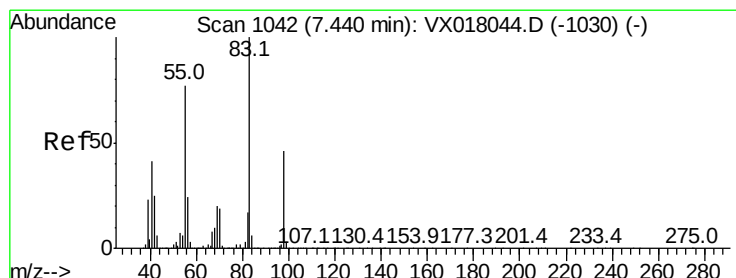
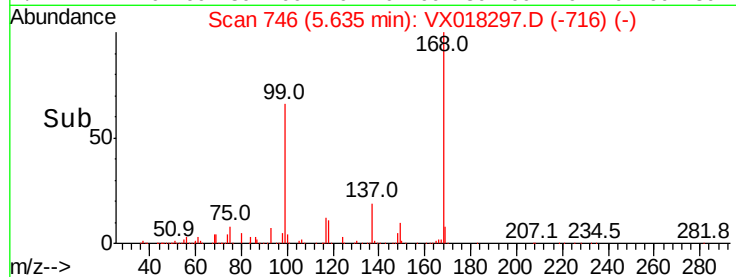
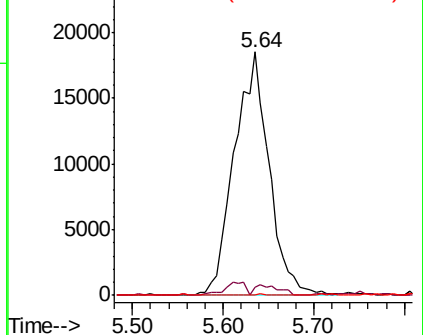
121 0.0 23.4 35.0#



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: 0.249 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX018297.D

Acq: 09 Sep 2020 00:45

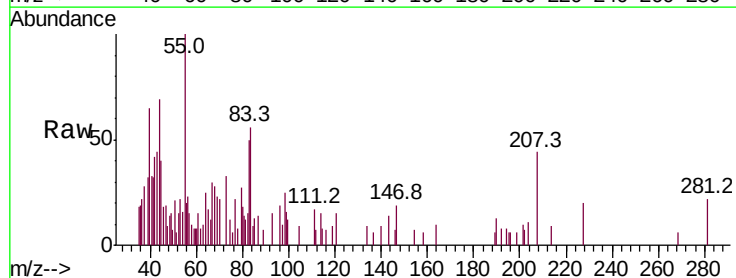
Tgt Ion: 83 Resp: 1907

Ion Ratio Lower Upper

83 100

55 100.5 61.8 92.6#

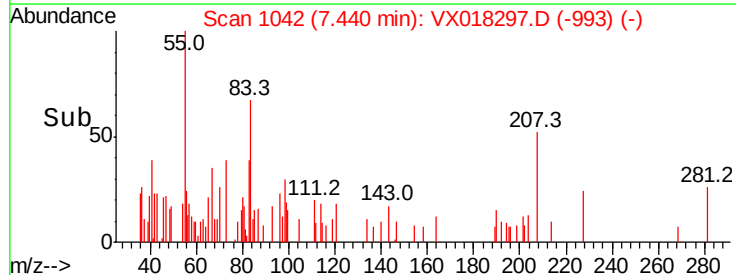
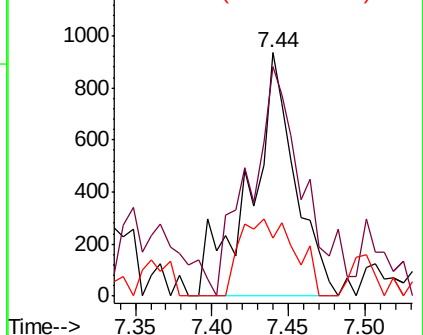
98 23.9 36.6 55.0#

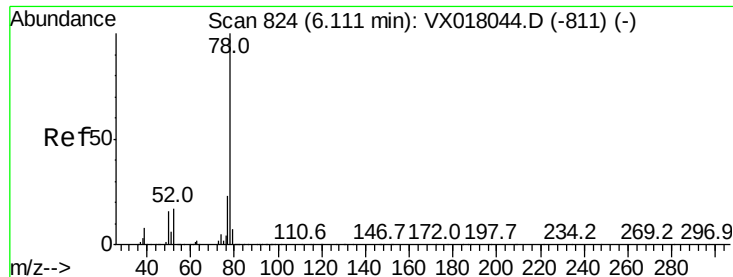


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 249.693 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX018297.D

Acq: 09 Sep 2020 00:45

Instrument :

MSVOA_X

ClientSampleId :

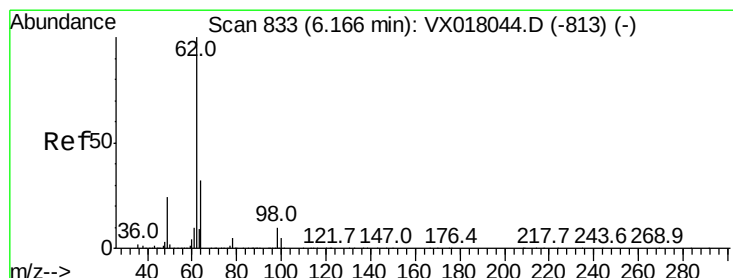
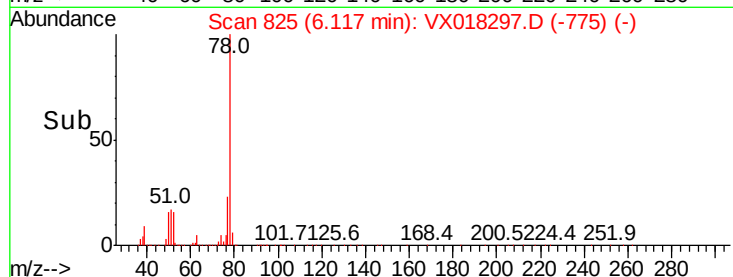
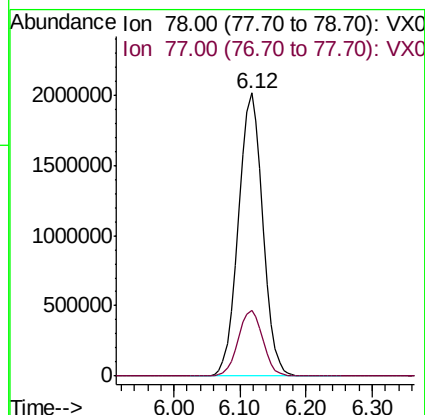
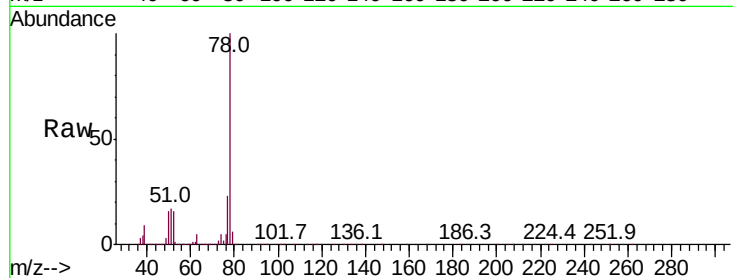
TP-1

Tot Ion: 78 Resp: 5146689

Ion Ratio Lower Upper

78 100

77 23.4 18.2 27.2



#42

1,2-Dichloroethane

Concen: 6.280 ug/l

RT: 6.12 min Scan# 825

Delta R.T. -0.05 min

Lab File: VX018297.D

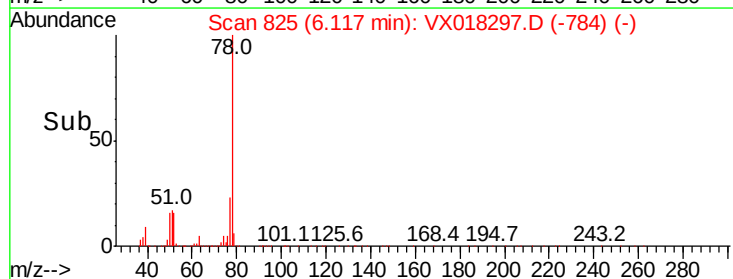
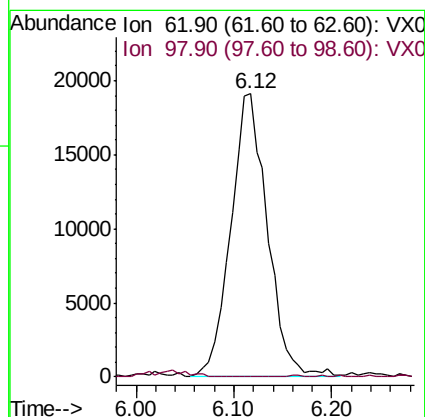
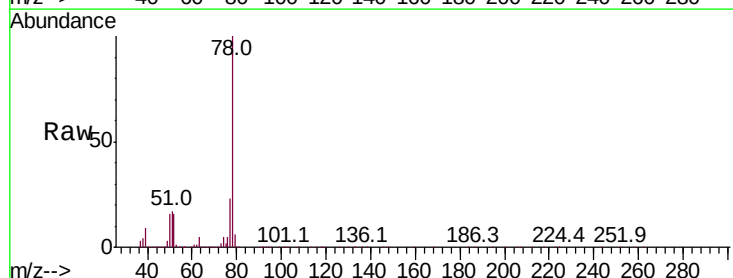
Acq: 09 Sep 2020 00:45

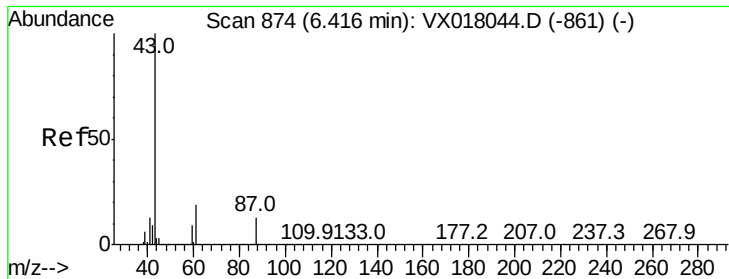
Tgt Ion: 62 Resp: 49591

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.2





#43

Isopropyl Acetate

Concen: 0.970 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018297.D

Acq: 09 Sep 2020 00:45

Instrument :

MSVOA_X

ClientSampleId :

TP-1

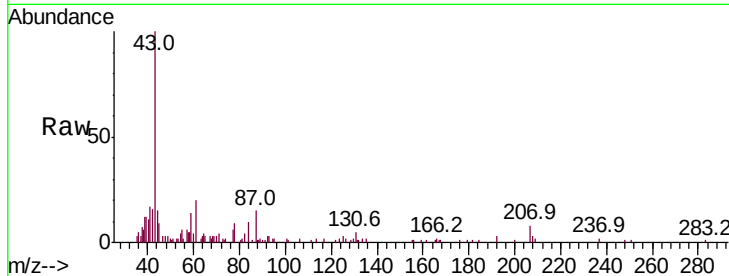
Tot Ion: 43 Resp: 12769

Ion Ratio Lower Upper

43 100

61 25.1 15.7 23.5#

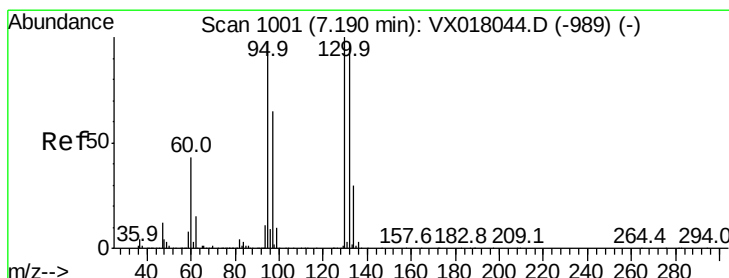
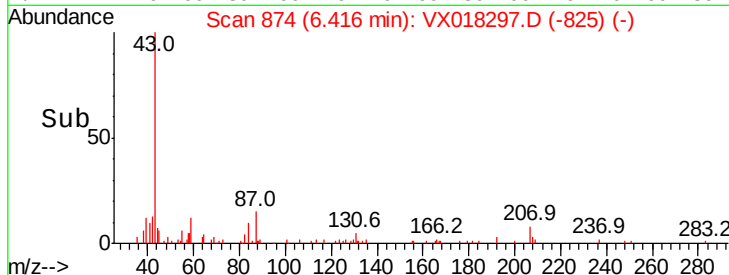
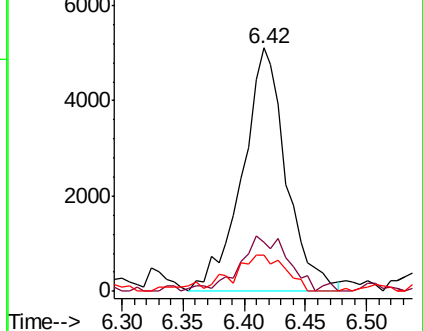
87 19.0 10.3 15.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 0.256 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018297.D

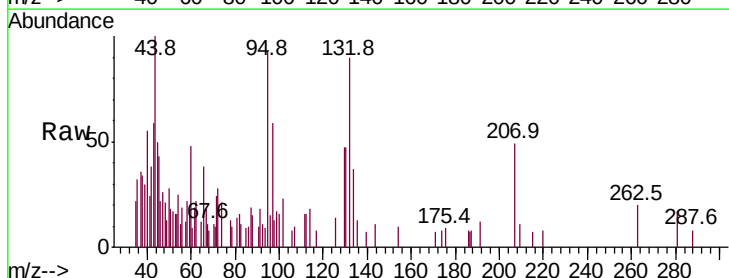
Acq: 09 Sep 2020 00:45

Tgt Ion:130 Resp: 1490

Ion Ratio Lower Upper

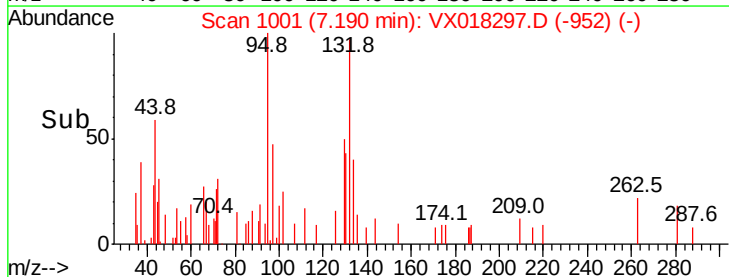
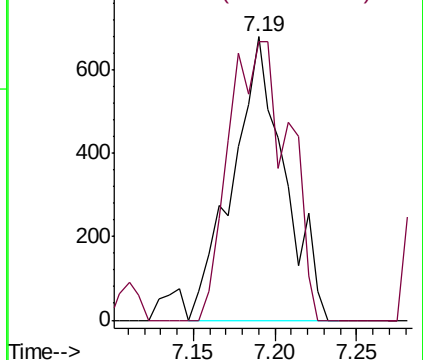
130 100

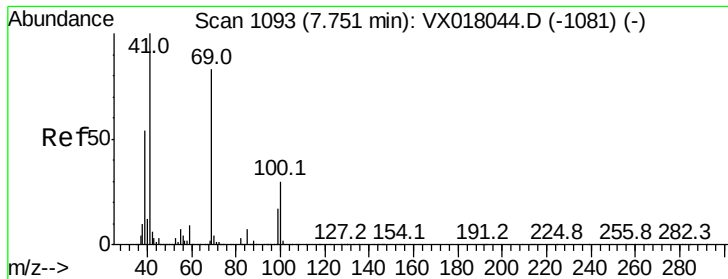
95 98.5 0.0 196.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

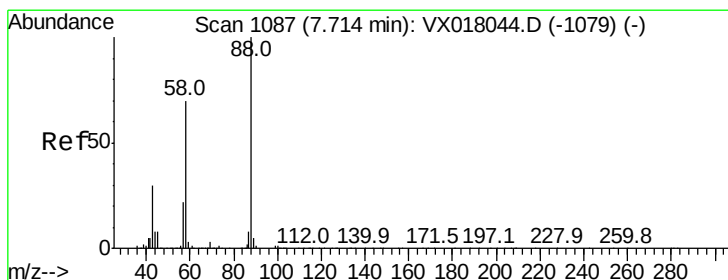
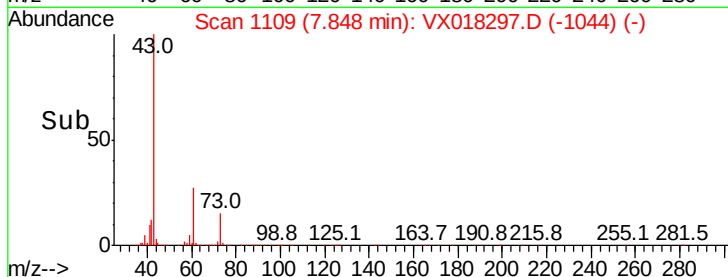
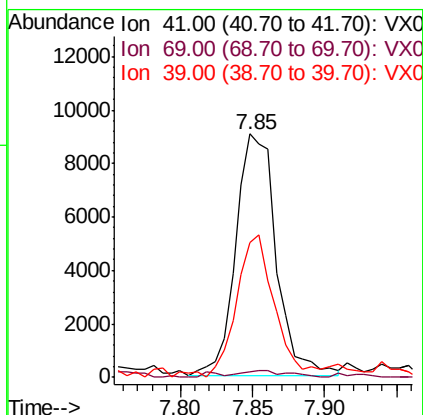
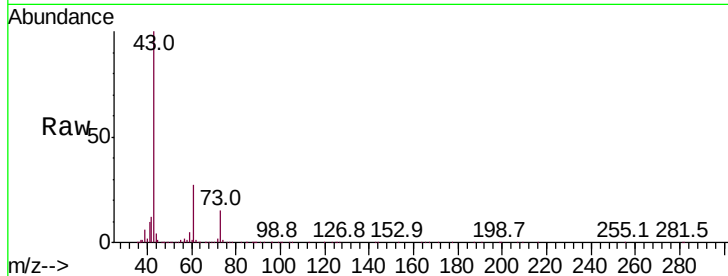




#48
Methvl methacrylate
Concen: 2.686 ug/l
RT: 7.85 min Scan# 1109
Delta R.T. 0.10 min
Lab File: VX018297.D
Acq: 09 Sep 2020 00:45

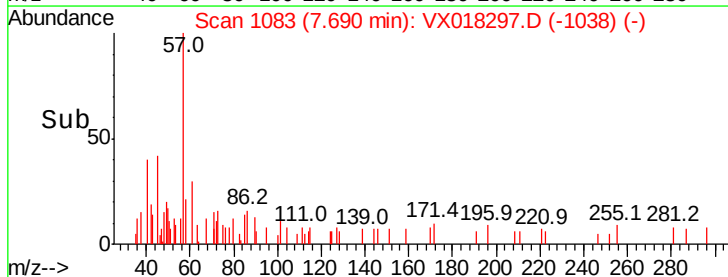
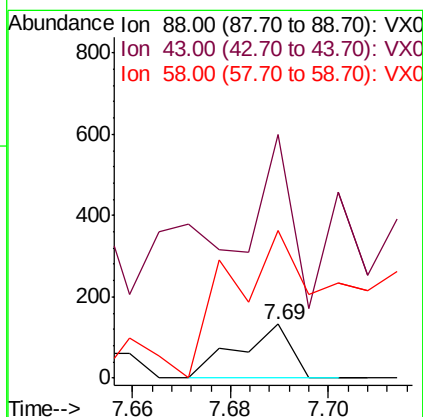
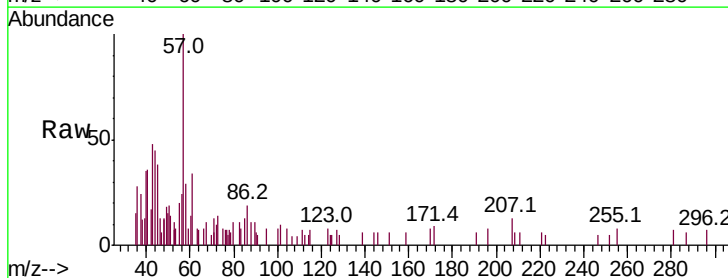
Instrument :
MSVOA_X
ClientSampleId :
TP-1

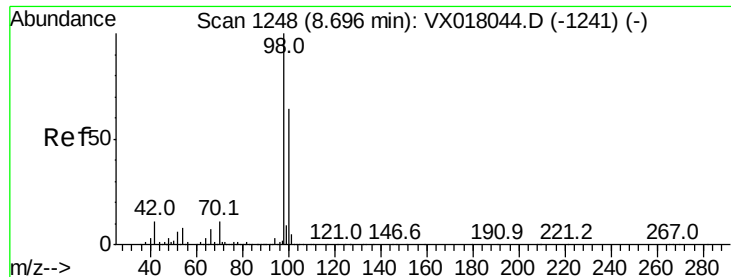
Tot Ion: 41 Resp: 17596
Ion Ratio Lower Upper
41 100
69 3.1 65.5 98.3#
39 55.5 44.5 66.7



#49
1,4-Dioxane
Concen: 0.834 ug/l
RT: 7.69 min Scan# 1083
Delta R.T. -0.02 min
Lab File: VX018297.D
Acq: 09 Sep 2020 00:45

Tgt Ion: 88 Resp: 99
Ion Ratio Lower Upper
88 100
43 0.0 27.4 41.0#
58 575.8 56.4 84.6#

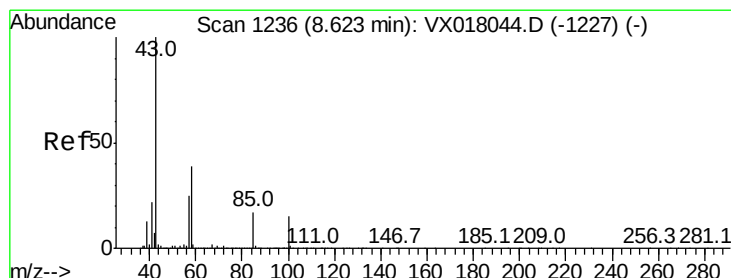
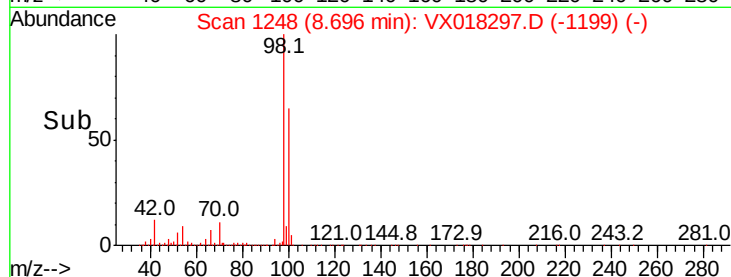
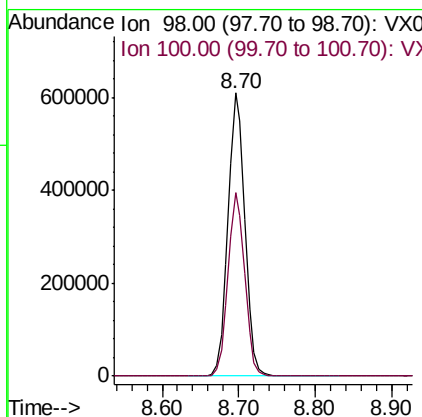
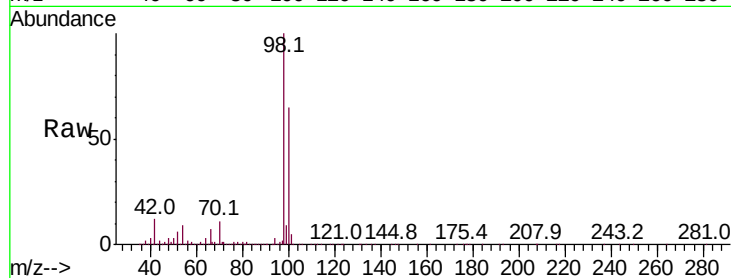




#50
Toluene-d8
Concen: 48.228 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018297.D
Acq: 09 Sep 2020 00:45

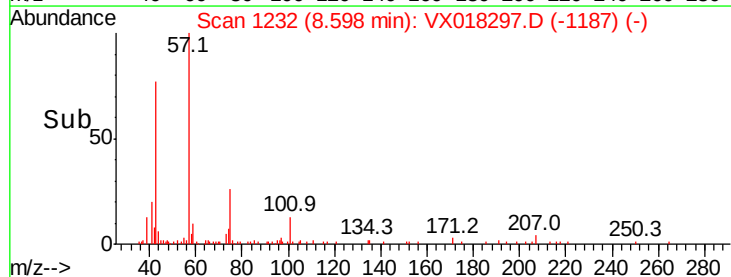
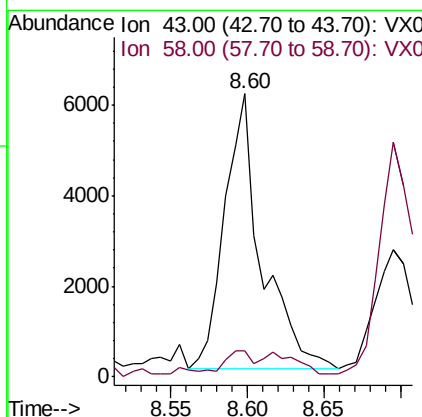
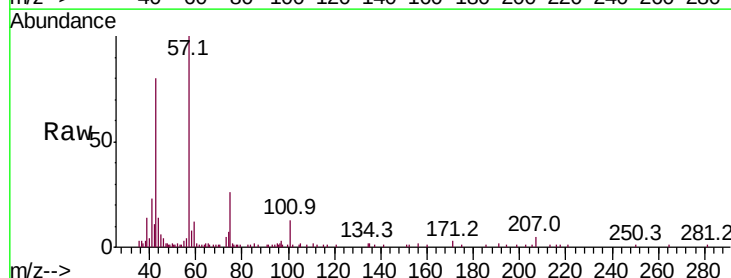
Instrument :
MSVOA_X
ClientSampleId :
TP-1

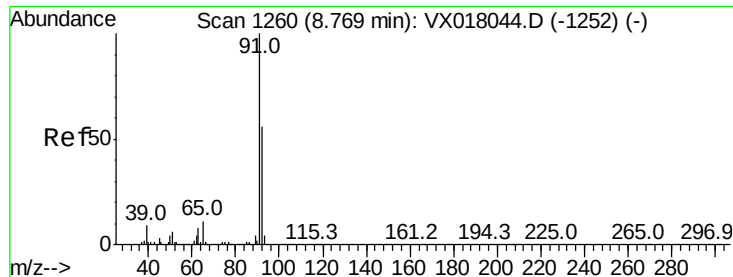
Tot Ion: 98 Resp: 930409
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 1.258 ug/l
RT: 8.60 min Scan# 1232
Delta R.T. -0.02 min
Lab File: VX018297.D
Acq: 09 Sep 2020 00:45

Tgt Ion: 43 Resp: 10228
Ion Ratio Lower Upper
43 100
58 6.8 30.7 46.1#





#52

Toluene

Concen: 1.879 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018297.D

Acq: 09 Sep 2020 00:45

Instrument :

MSVOA_X

ClientSampled :

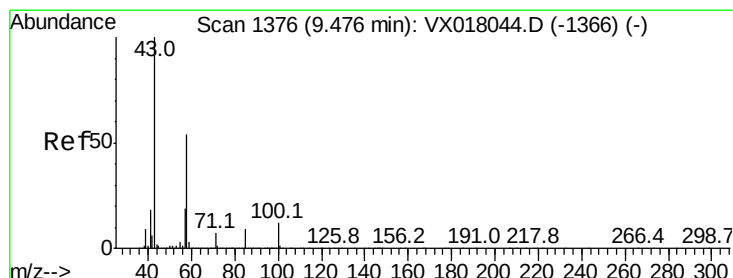
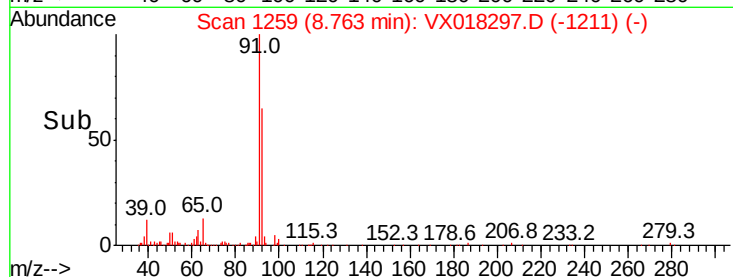
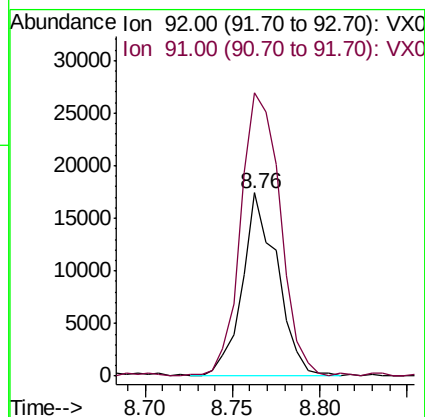
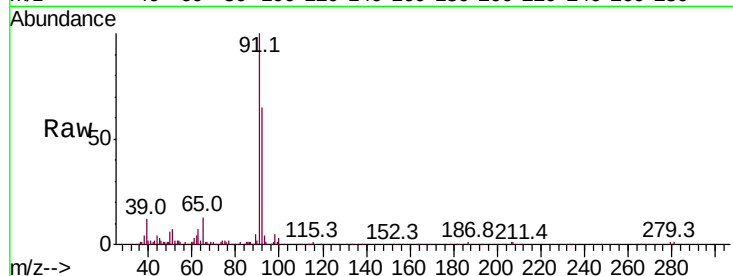
TP-1

Tot Ion: 92 Resp: 24553

Ion Ratio Lower Upper

92 100

91 172.3 140.3 210.5



#59

2-Hexanone

Concen: 1.418 ug/l

RT: 9.52 min Scan# 1384

Delta R.T. 0.05 min

Lab File: VX018297.D

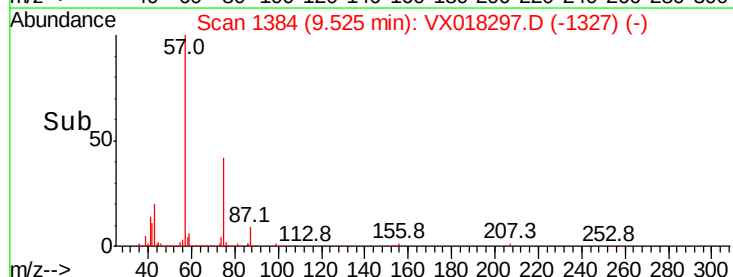
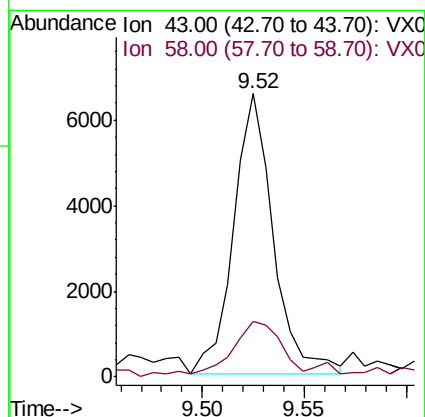
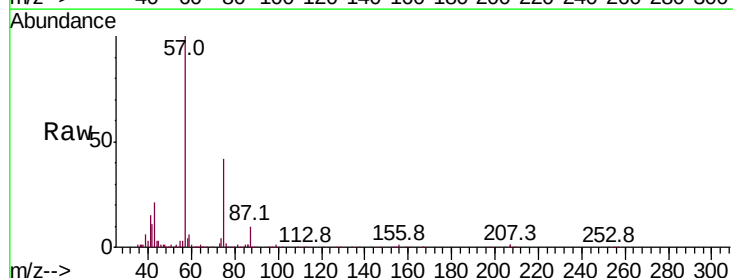
Acq: 09 Sep 2020 00:45

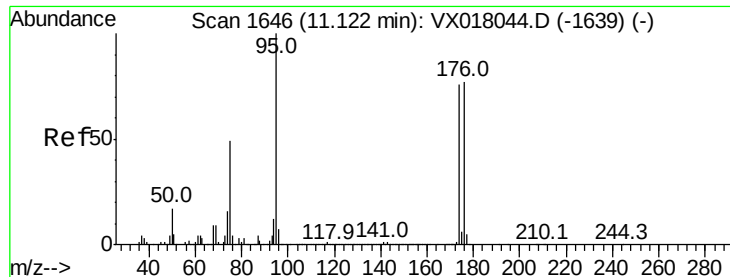
Tgt Ion: 43 Resp: 8763

Ion Ratio Lower Upper

43 100

58 29.3 26.6 79.7





#62

4-Bromofluorobenzene

Concen: 49.153 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018297.D

Acq: 09 Sep 2020 00:45

Instrument :

MSVOA_X

ClientSampleId :

TP-1

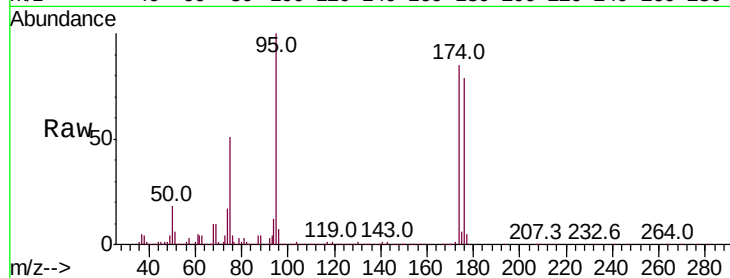
Tot Ion: 95 Resp: 373078

Ion Ratio Lower Upper

95 100

174 80.1 0.0 160.2

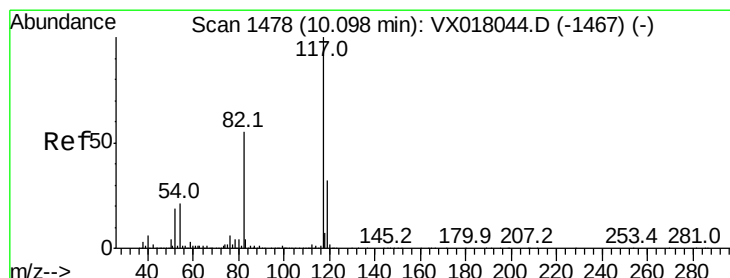
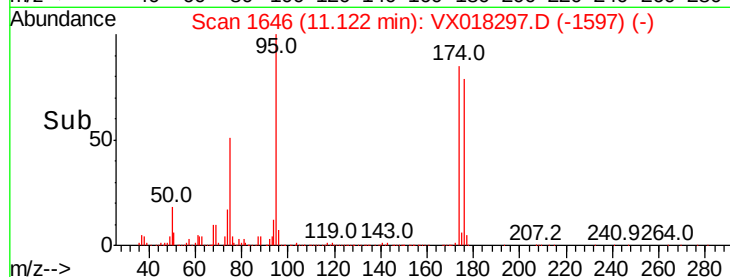
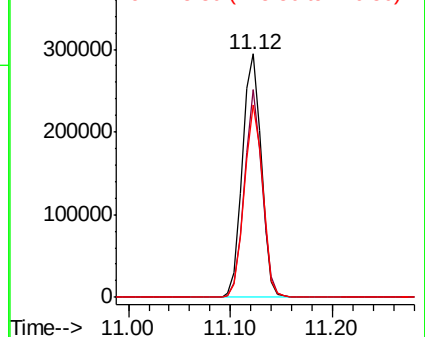
176 77.6 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX018044.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX018044.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX018044.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018297.D

Acq: 09 Sep 2020 00:45

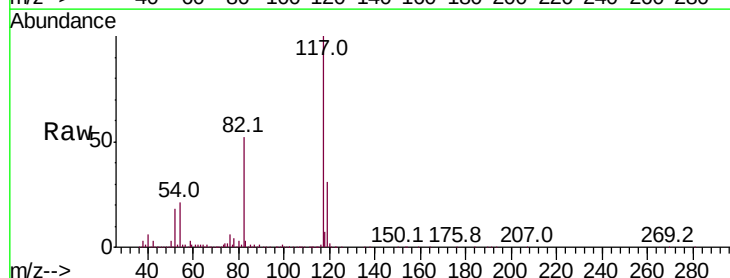
Tgt Ion: 117 Resp: 730472

Ion Ratio Lower Upper

117 100

82 51.9 44.2 66.2

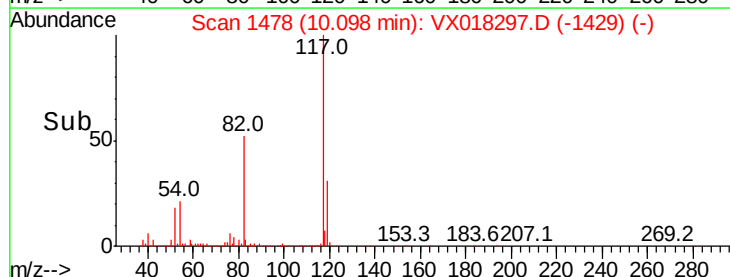
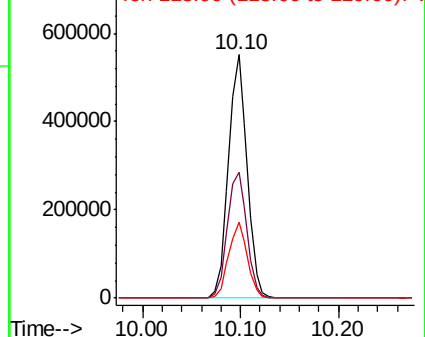
119 31.2 25.7 38.5

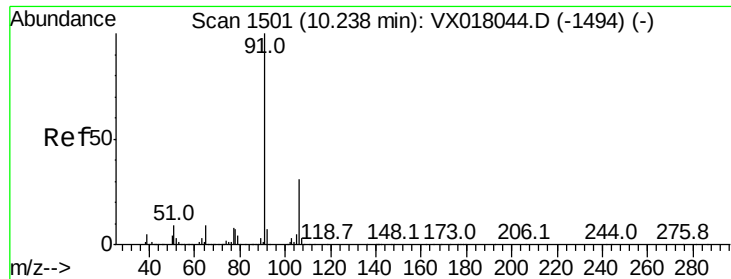


Abundance Ion 116.90 (116.60 to 117.60): VX018044.D (-1467) (-)

Ion 82.00 (81.70 to 82.70): VX018044.D (-1467) (-)

Ion 118.90 (118.60 to 119.60): VX018044.D (-1467) (-)

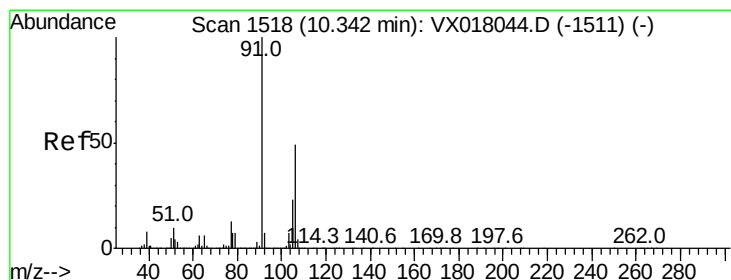
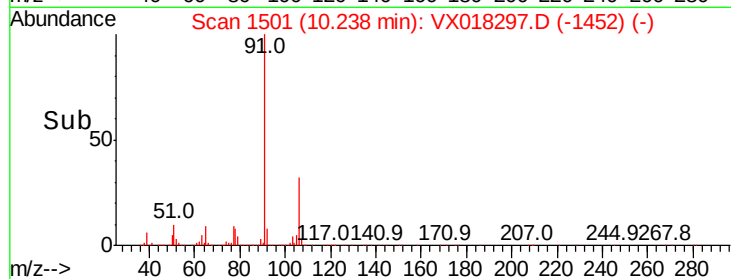
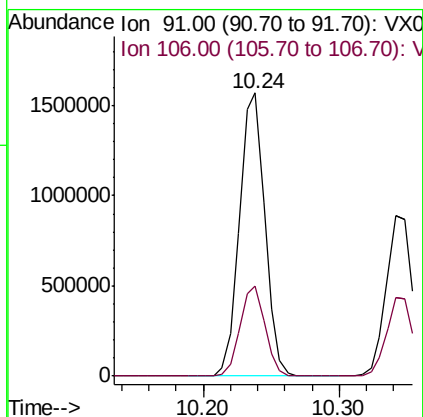
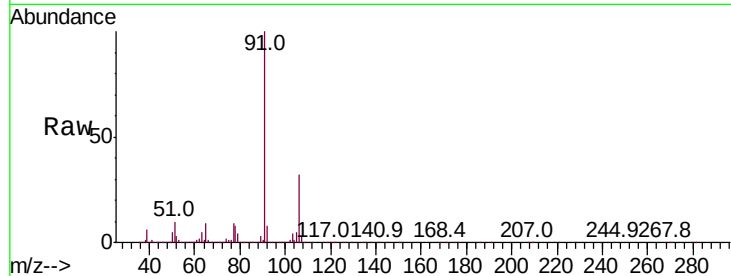




#67
Ethyl Benzene
Concen: 82.297 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018297.D
Acq: 09 Sep 2020 00:45

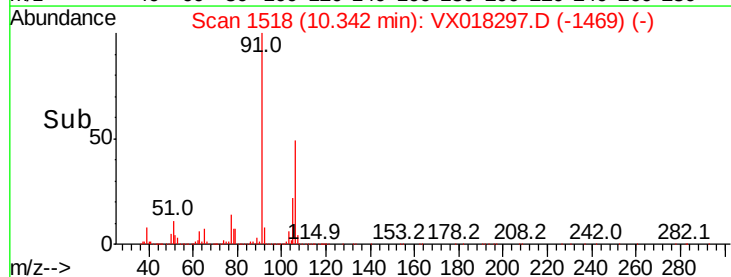
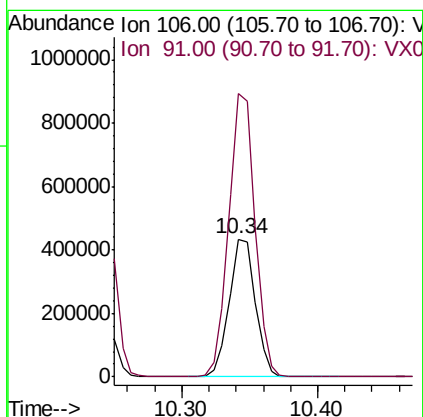
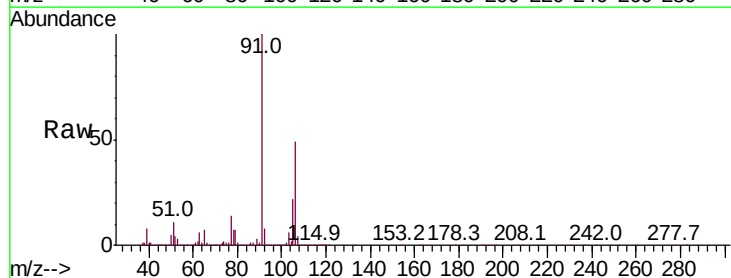
Instrument :
MSVOA_X
ClientSampled :
TP-1

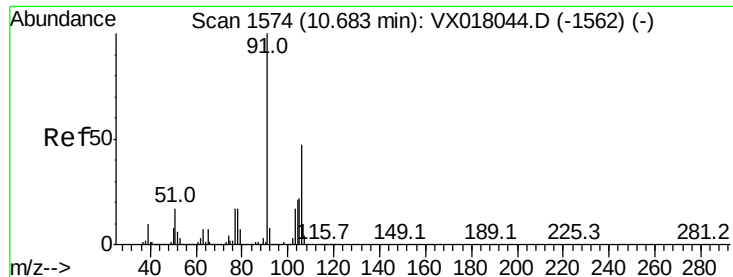
Tot Ion: 91 Resp: 2041813
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3



#68
m/p-Xylenes
Concen: 63.179 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018297.D
Acq: 09 Sep 2020 00:45

Tgt Ion: 106 Resp: 585058
Ion Ratio Lower Upper
106 100
91 205.0 162.2 243.2





#69

o-Xylene

Concen: 17.470 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX018297.D

Acq: 09 Sep 2020 00:45

Instrument :

MSVOA_X

ClientSampleId :

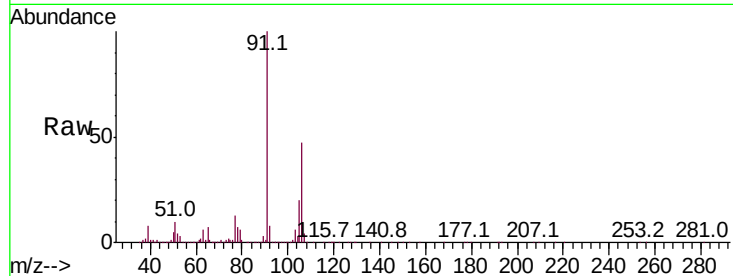
TP-1

Tot Ion:106 Resp: 156825

Ion Ratio Lower Upper

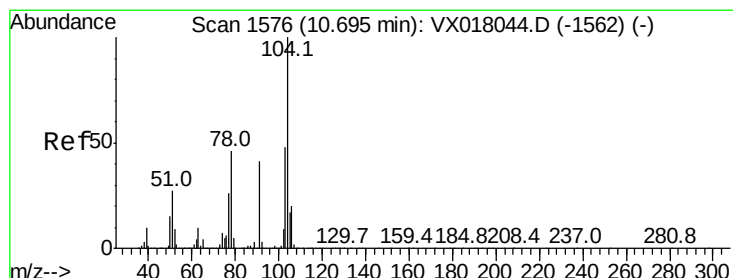
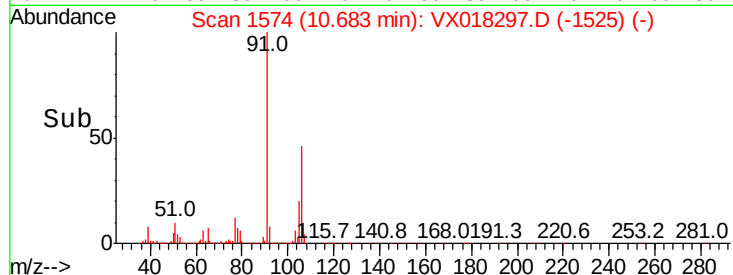
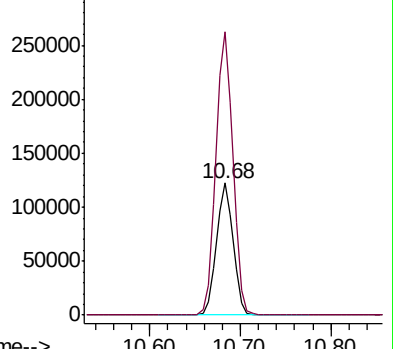
106 100

91 217.7 107.1 321.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 0.746 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.01 min

Lab File: VX018297.D

Acq: 09 Sep 2020 00:45

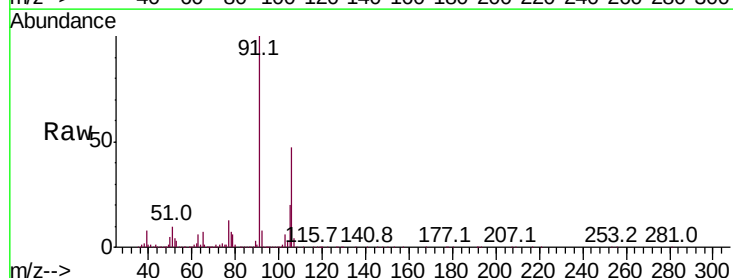
Tgt Ion:104 Resp: 11399

Ion Ratio Lower Upper

104 100

78 247.8 40.9 61.3#

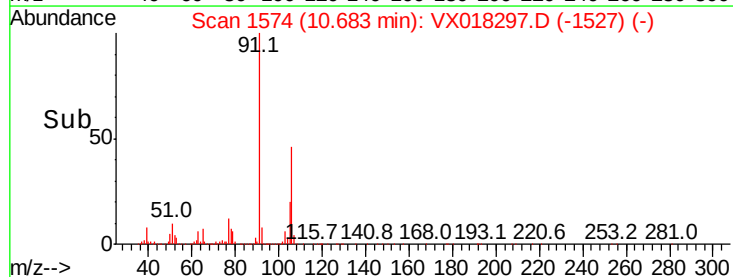
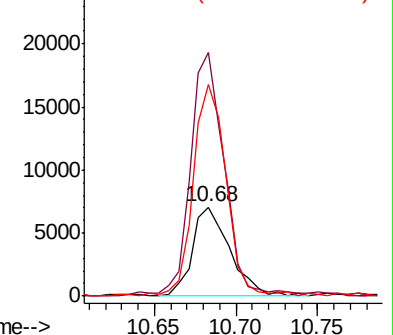
103 208.4 43.6 65.4#

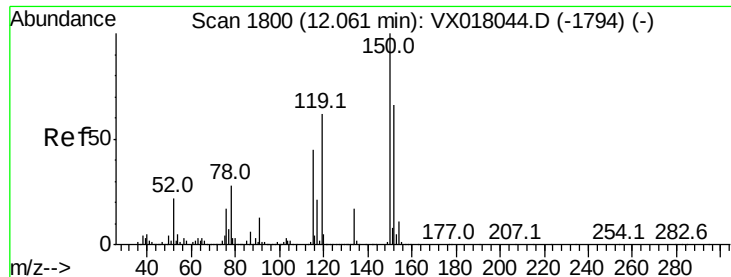


Abundance Ion 104.00 (103.70 to 104.70): V

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: VX018297.D

Acq: 09 Sep 2020 00:45

Instrument :

MSVOA_X

ClientSampleId :

TP-1

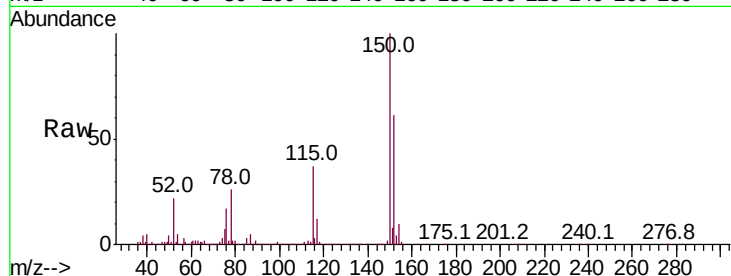
Tot Ion:152 Resp: 409969

Ion Ratio Lower Upper

152 100

115 57.2 41.5 124.5

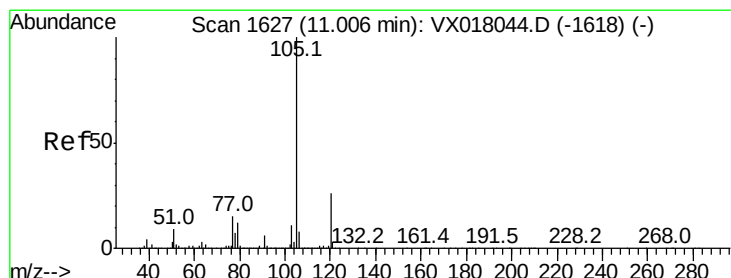
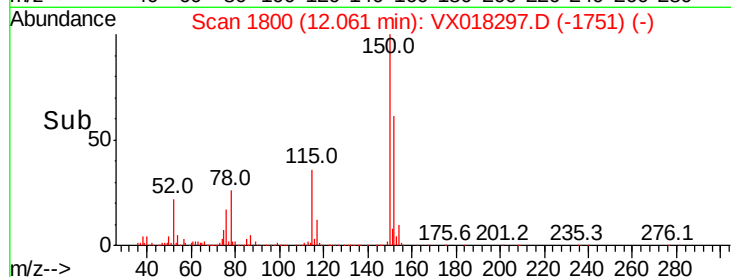
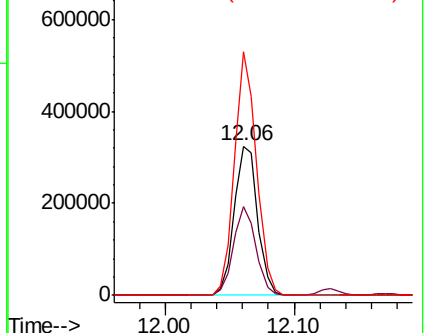
150 154.2 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 2.353 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018297.D

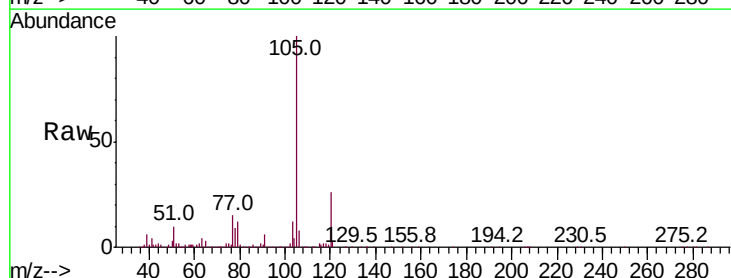
Acq: 09 Sep 2020 00:45

Tgt Ion:105 Resp: 63622

Ion Ratio Lower Upper

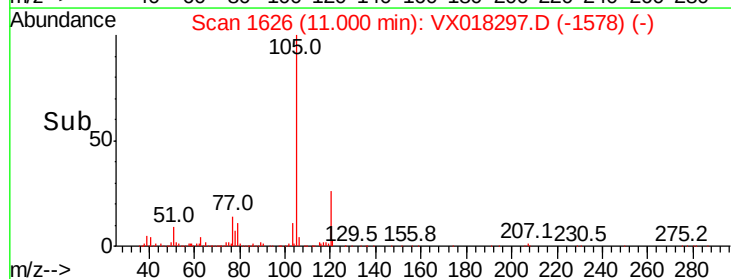
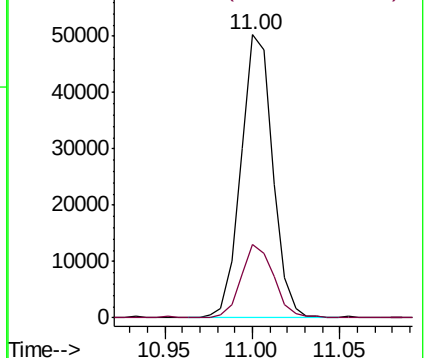
105 100

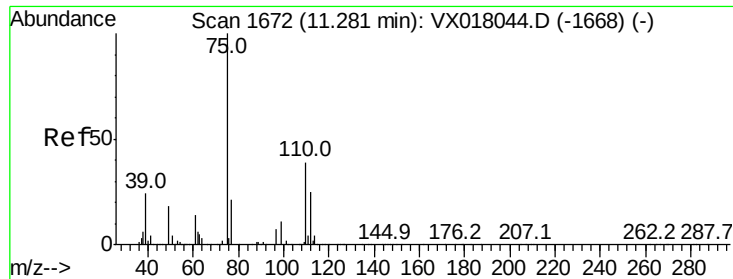
120 26.8 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 20.671 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018297.D

Acq: 09 Sep 2020 00:45

Instrument :

MSVOA_X

ClientSampleId :

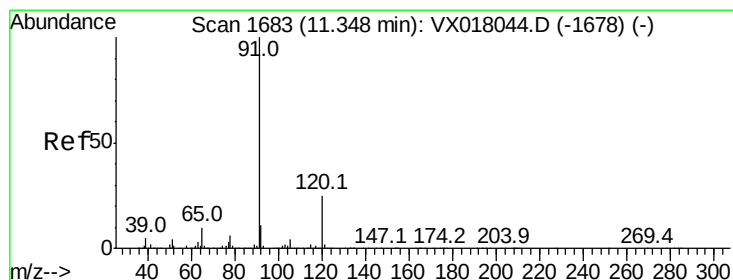
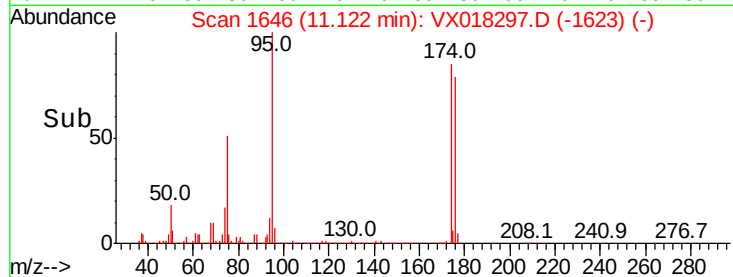
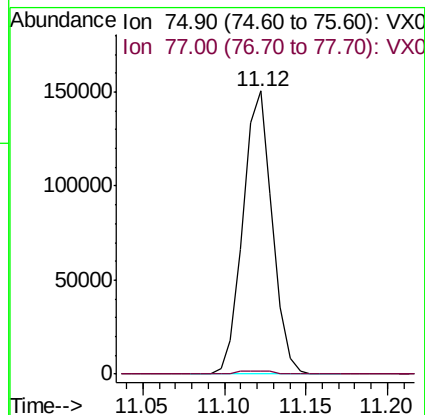
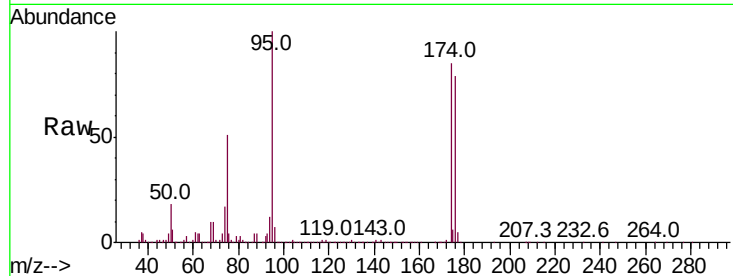
TP-1

Tot Ion: 75 Resp: 188514

Ion Ratio Lower Upper

75 100

77 1.2 20.8 62.2#



#78

n-propylbenzene

Concen: 3.096 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018297.D

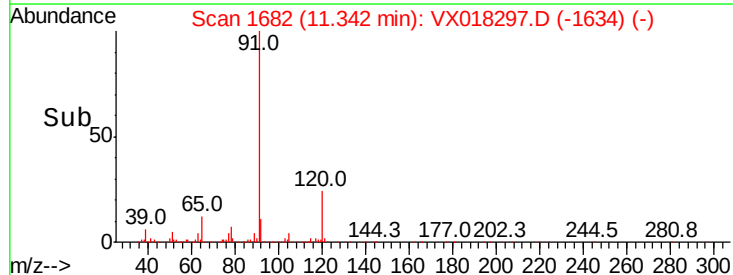
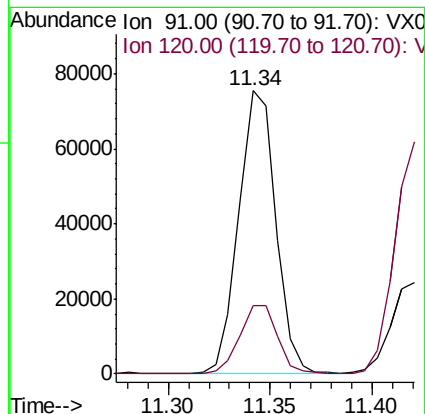
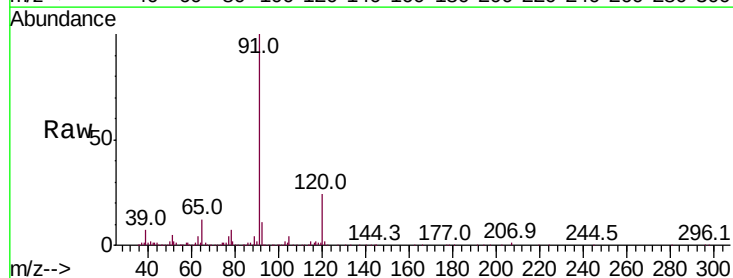
Acq: 09 Sep 2020 00:45

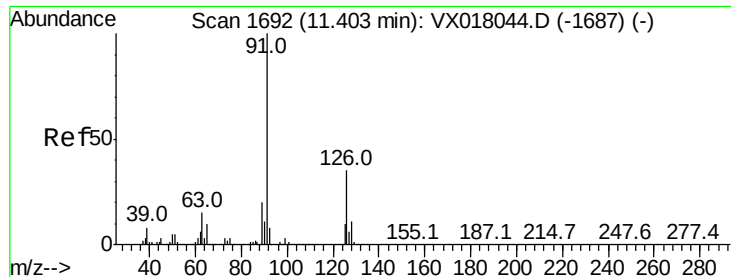
Tgt Ion: 91 Resp: 95068

Ion Ratio Lower Upper

91 100

120 25.0 11.9 35.9





#79

2-Chlorotoluene

Concen: 2.632 ug/l

RT: 11.42 min Scan# 1695

Delta R.T. 0.02 min

Lab File: VX018297.D

Acq: 09 Sep 2020 00:45

Instrument :

MSVOA_X

ClientSampleId :

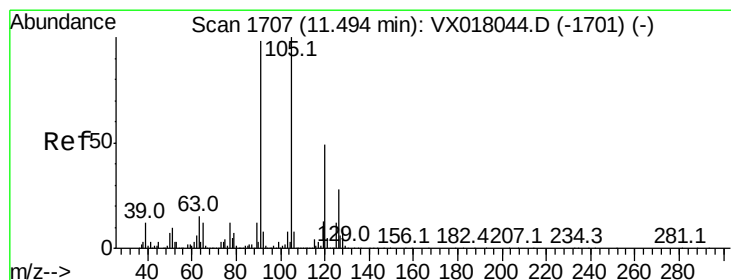
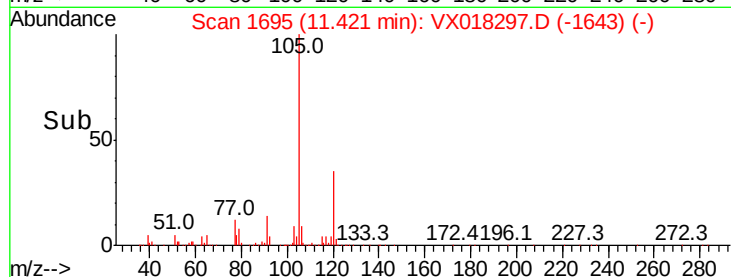
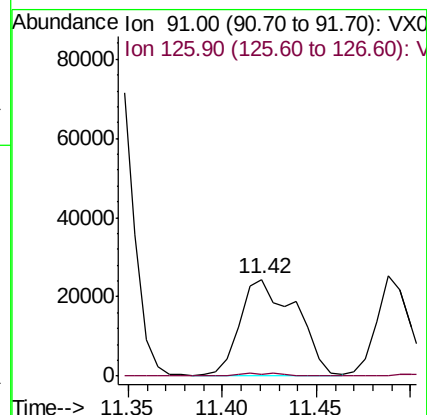
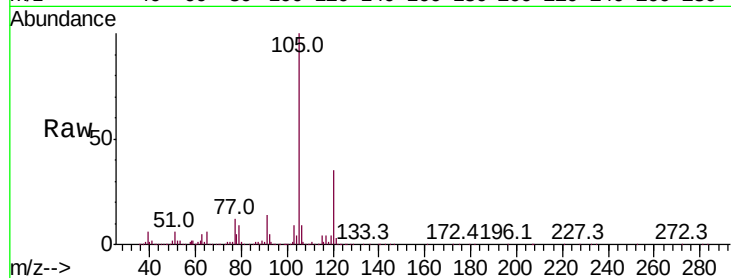
TP-1

Tot Ion: 91 Resp: 49930

Ion Ratio Lower Upper

91 100

126 2.7 17.4 52.2#



#80

1,3,5-Trimethylbenzene

Concen: 11.696 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018297.D

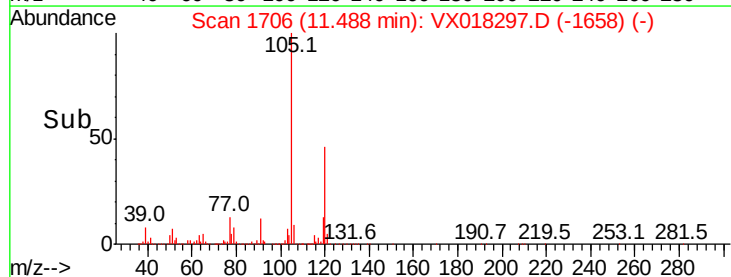
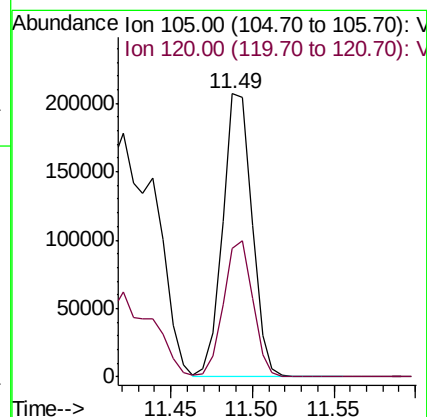
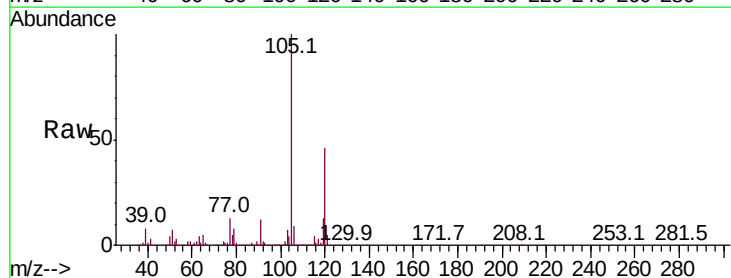
Acq: 09 Sep 2020 00:45

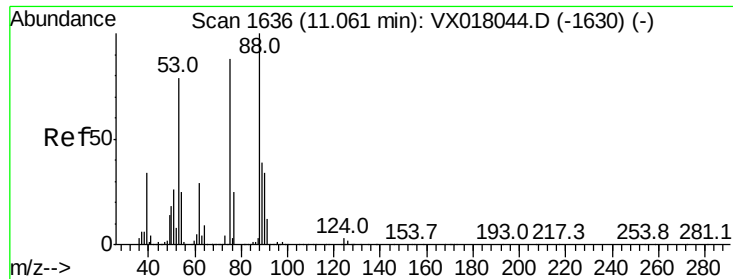
Tgt Ion: 105 Resp: 259906

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 55.828 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX018297.D

Acq: 09 Sep 2020 00:45

Instrument :

MSVOA_X

ClientSampleId :

TP-1

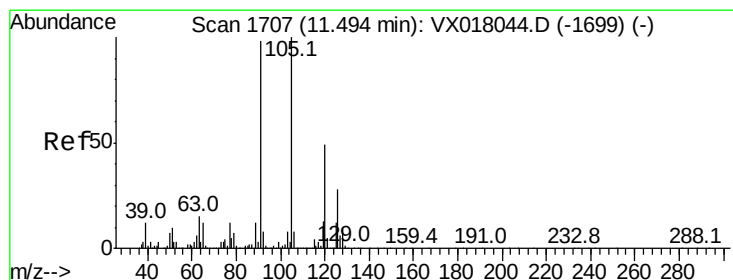
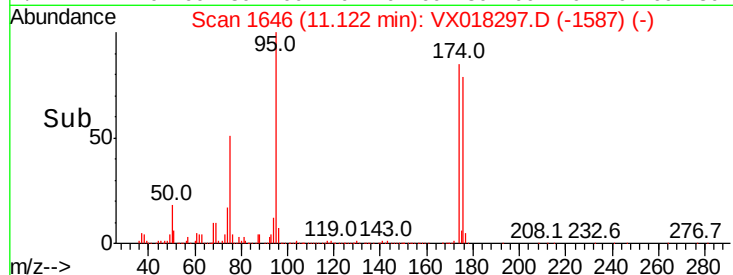
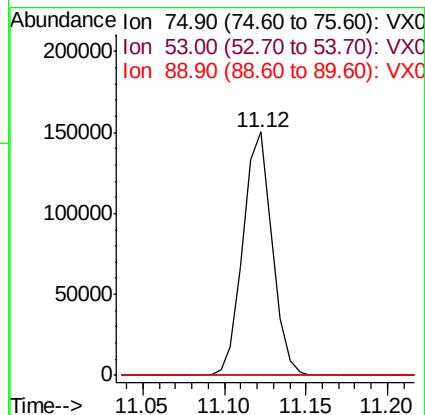
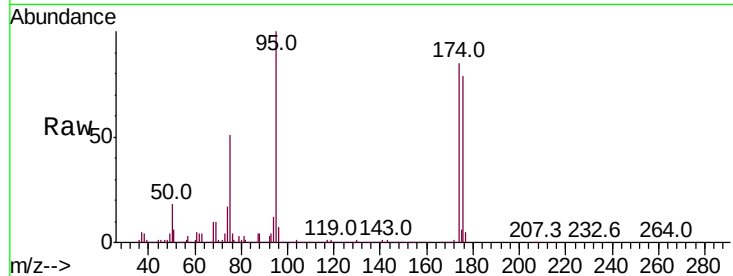
Tot Ion: 75 Resp: 188514

Ion Ratio Lower Upper

75 100

53 0.2 74.7 112.1#

89 0.1 36.6 54.8#



#82

4-Chlorotoluene

Concen: 1.355 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018297.D

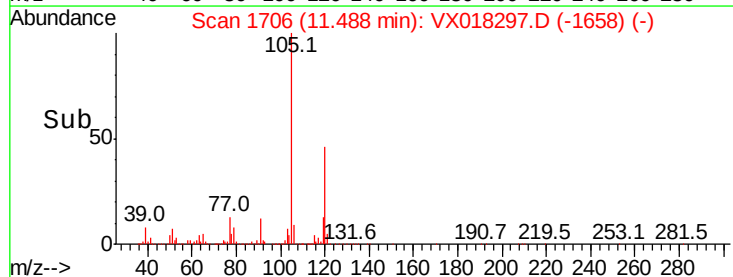
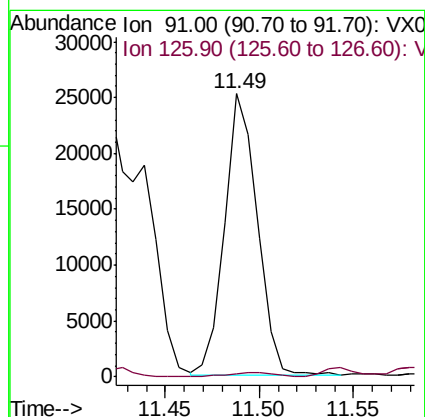
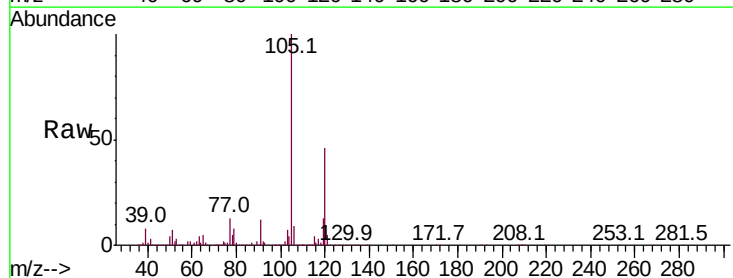
Acq: 09 Sep 2020 00:45

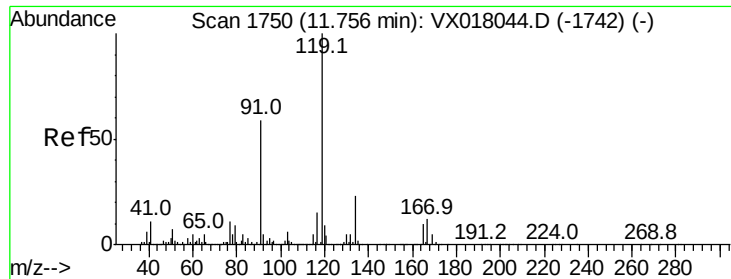
Tgt Ion: 91 Resp: 30565

Ion Ratio Lower Upper

91 100

126 2.1 15.1 45.3#

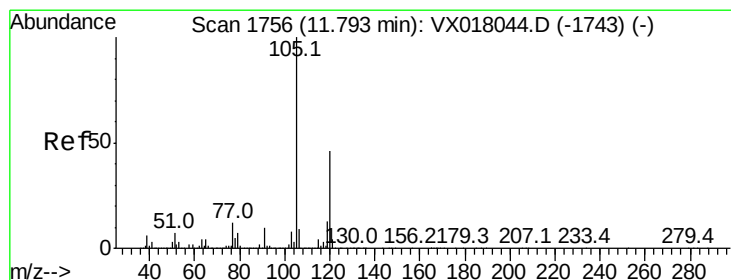
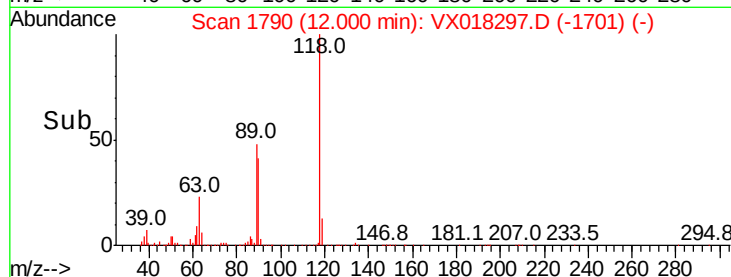
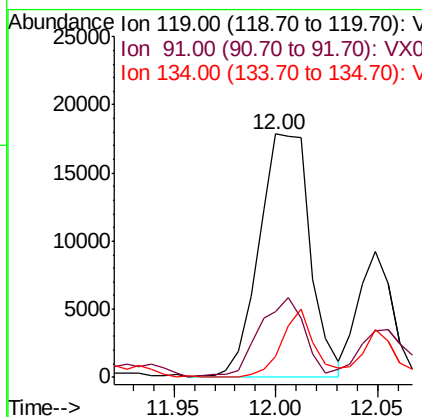
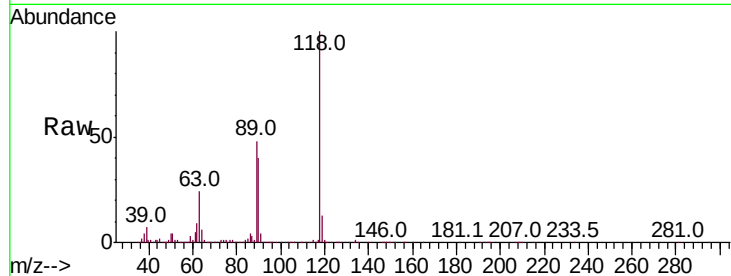




#83
 tert-Butylbenzene
 Concen: 1.409 ug/l
 RT: 12.00 min Scan# 1790
 Delta R.T. 0.24 min
 Lab File: VX018297.D
 Acq: 09 Sep 2020 00:45

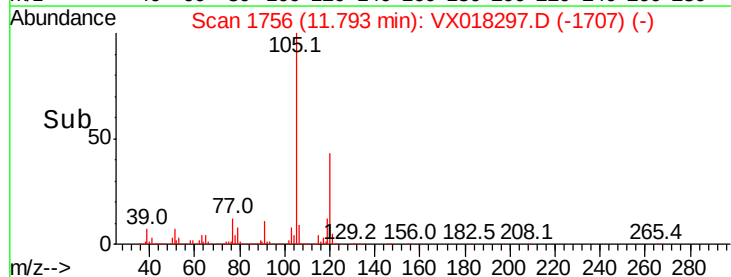
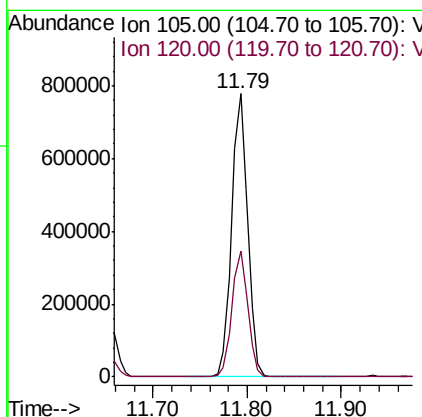
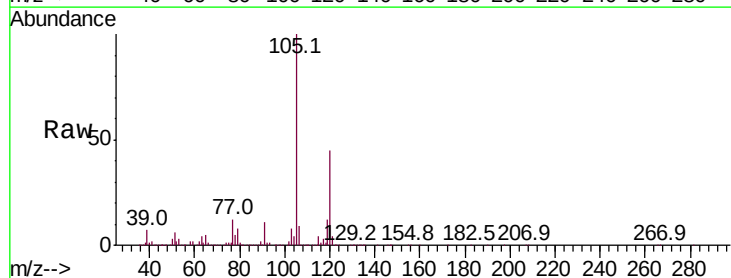
Instrument :
 MSVOA_X
 ClientSampled :
 TP-1

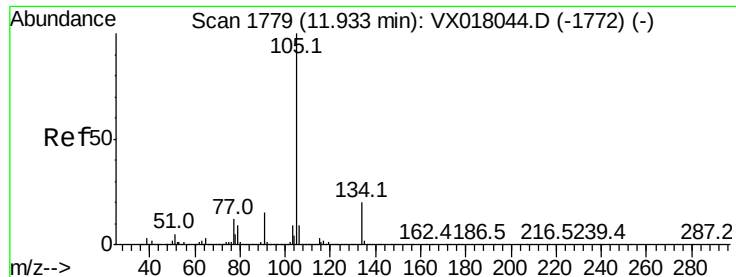
Tot Ion	Ratio	Lower	Upper
119	100		
91	29.5	28.2	84.7
134	18.3	11.3	33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 40.284 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018297.D
 Acq: 09 Sep 2020 00:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.3	66.9

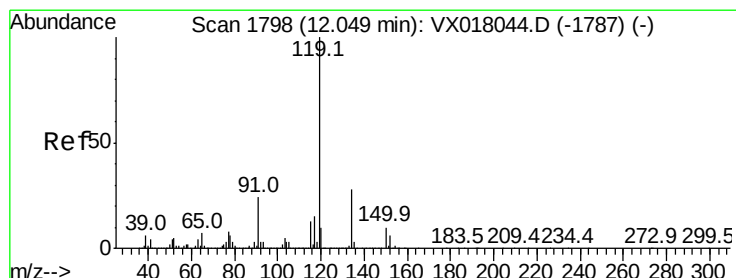
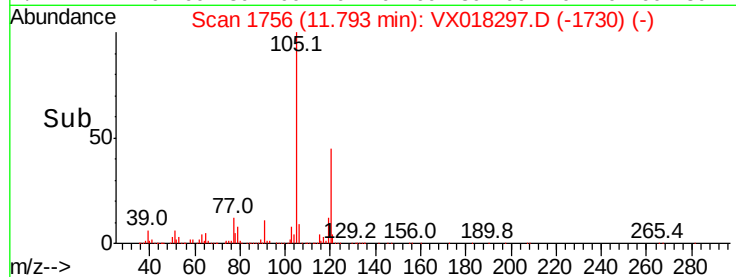
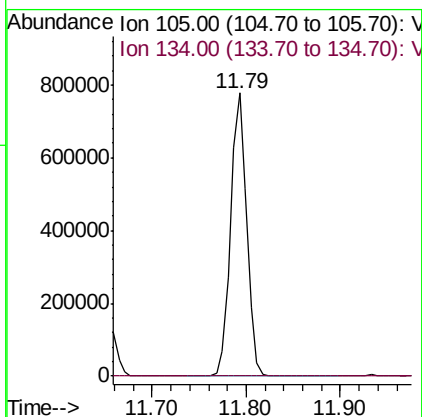
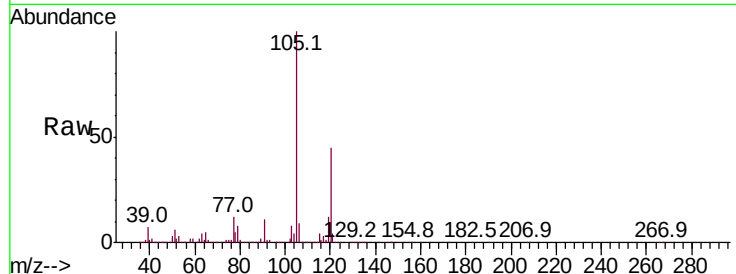




#85
 sec-Butylbenzene
 Concen: 36.699 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.14 min
 Lab File: VX018297.D
 Acq: 09 Sep 2020 00:45

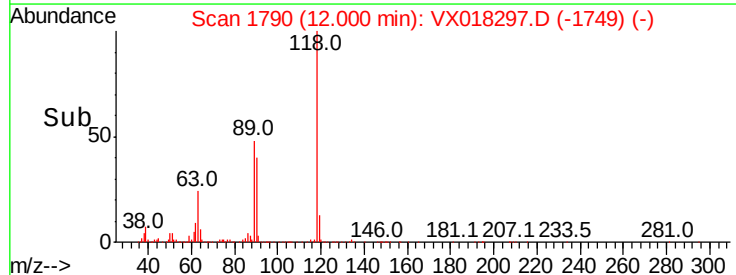
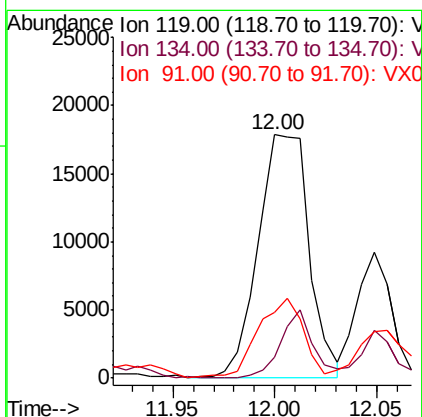
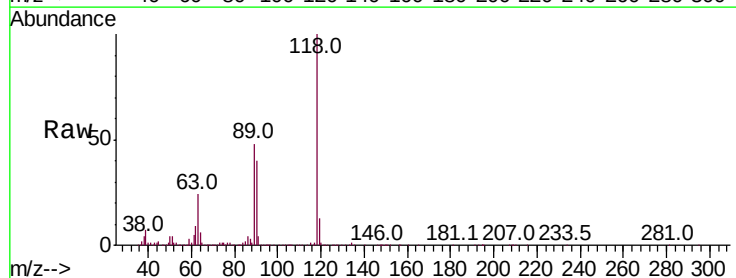
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1

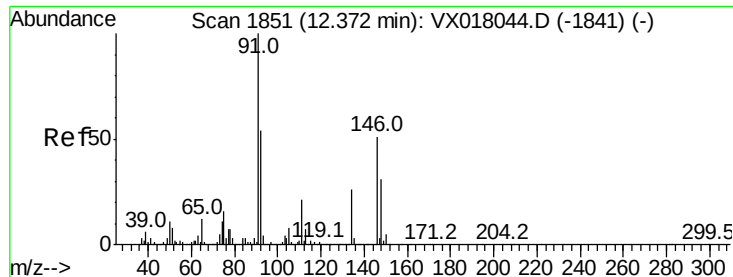
Tot Ion:105 Resp: 915235
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.3#



#86
 p-Isopropyltoluene
 Concen: 1.349 ug/l
 RT: 12.00 min Scan# 1790
 Delta R.T. -0.05 min
 Lab File: VX018297.D
 Acq: 09 Sep 2020 00:45

Tgt Ion:119 Resp: 30900
 Ion Ratio Lower Upper
 119 100
 134 18.3 13.2 39.5
 91 29.5 11.8 35.4

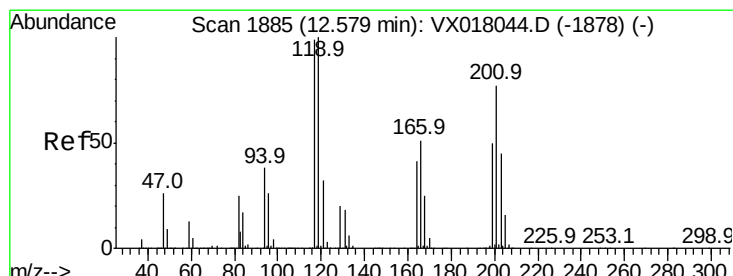
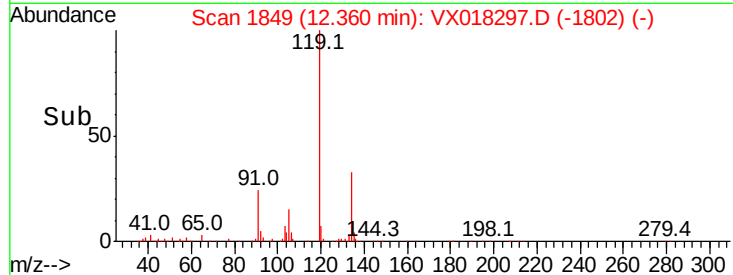
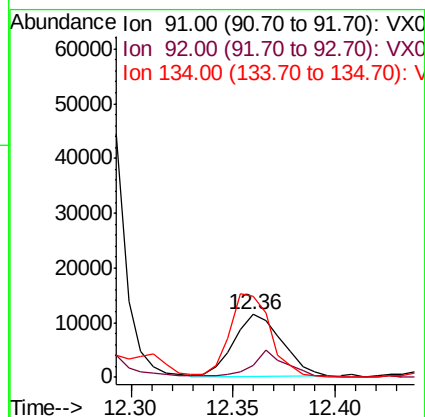
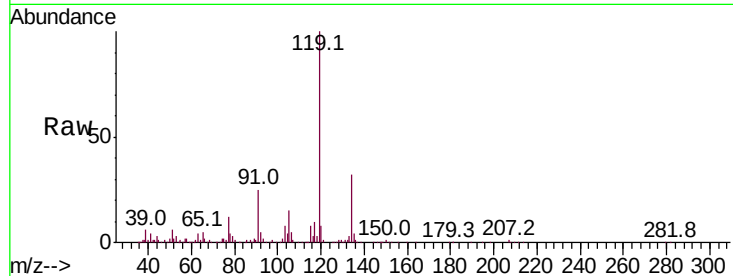




#89
n-Butylbenzene
Concen: 0.893 ug/l
RT: 12.36 min Scan# 1849
Delta R.T. -0.01 min
Lab File: VX018297.D
Acq: 09 Sep 2020 00:45

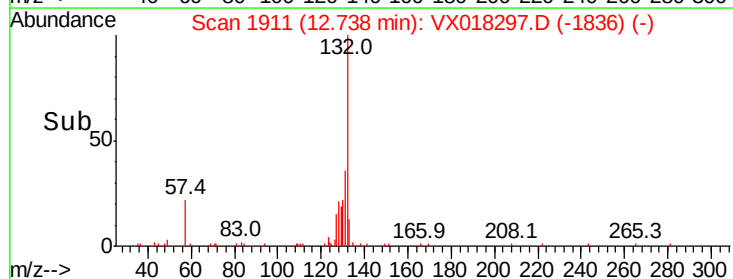
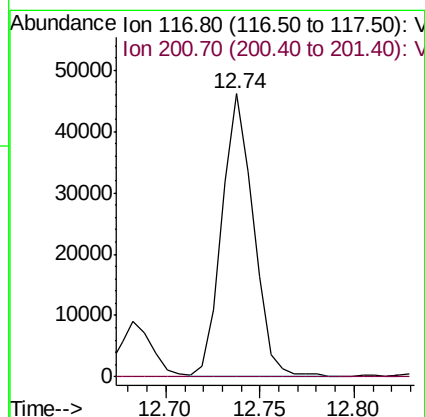
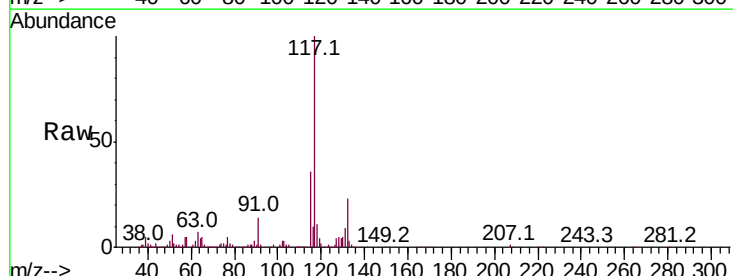
Instrument :
MSVOA_X
ClientSampled :
TP-1

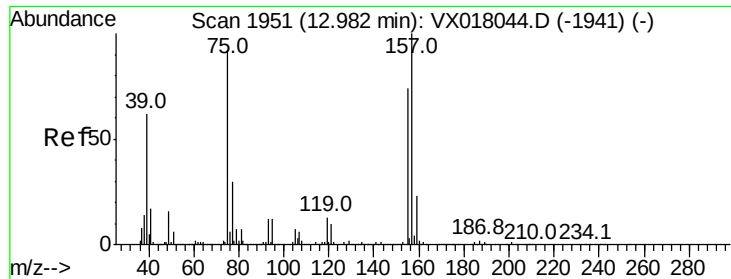
Tot Ion: 91 Resp: 18677
Ion Ratio Lower Upper
91 100
92 31.5 26.4 79.2
134 114.6 12.9 38.7#



#90
Hexachloroethane
Concen: 11.785 ug/l
RT: 12.74 min Scan# 1911
Delta R.T. 0.16 min
Lab File: VX018297.D
Acq: 09 Sep 2020 00:45

Tgt Ion:117 Resp: 53113
Ion Ratio Lower Upper
117 100
201 0.0 38.5 115.3#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.417 ug/l

RT: 13.00 min Scan# 1954

Delta R.T. 0.02 min

Lab File: VX018297.D

Acq: 09 Sep 2020 00:45

Instrument :

MSVOA_X

ClientSampleId :

TP-1

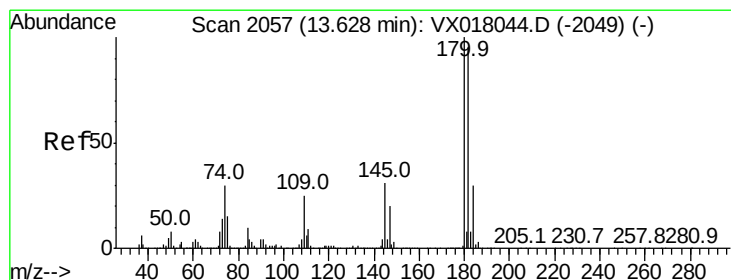
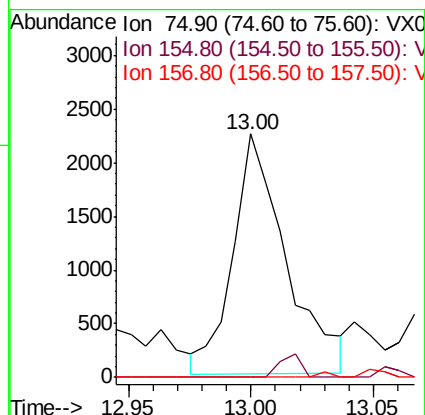
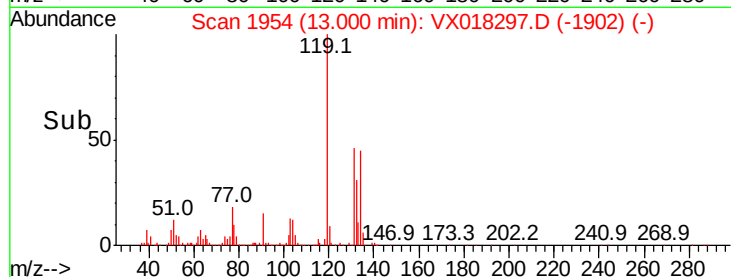
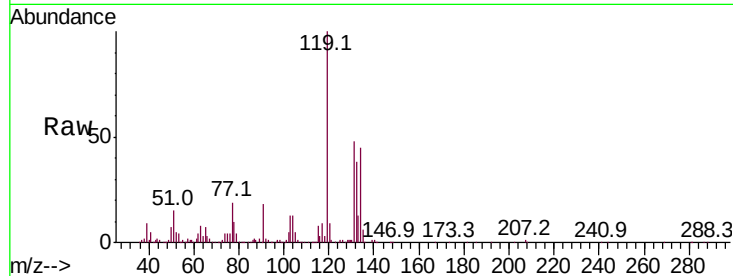
Tot Ion: 75 Resp: 3379

Ion Ratio Lower Upper

75 100

155 0.0 40.2 120.6#

157 0.0 55.0 165.2#



#93

1,2,4-Trichlorobenzene

Concen: 0.219 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX018297.D

Acq: 09 Sep 2020 00:45

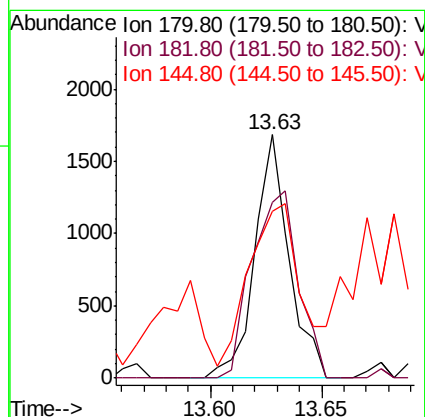
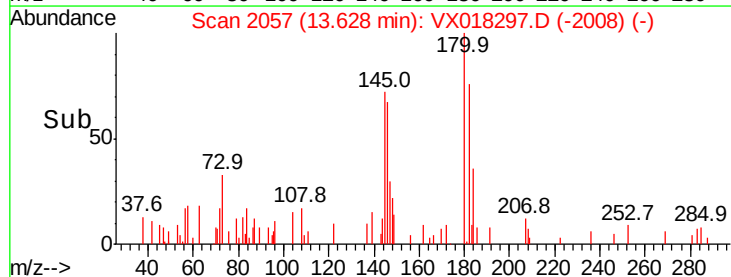
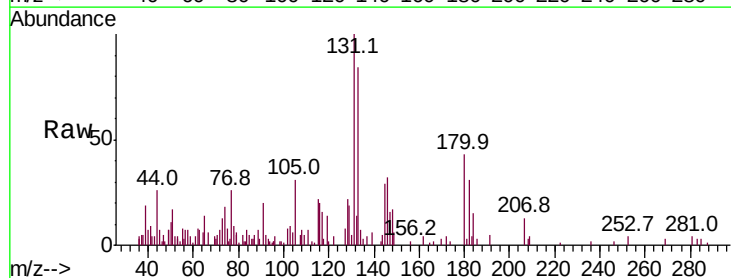
Tgt Ion: 180 Resp: 1808

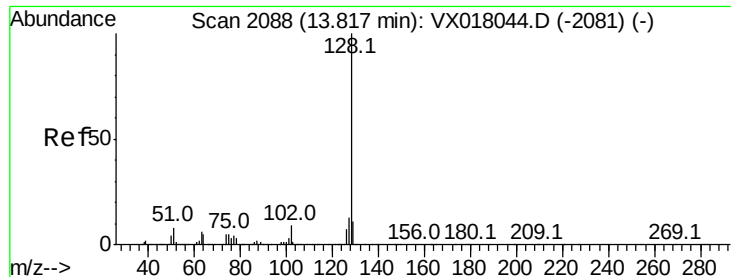
Ion Ratio Lower Upper

180 100

182 104.0 47.5 142.6

145 112.6 15.7 47.1#





#95

Naphthalene

Concen: 537.228 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018297.D

Acq: 09 Sep 2020 00:45

Instrument :

MSVOA_X

ClientSampleId :

TP-1

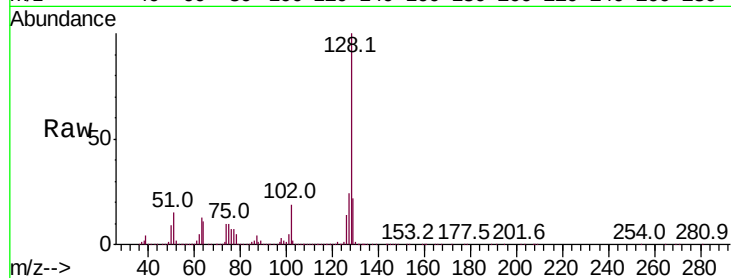
Tot Ion:128 Resp:14564867

Ion Ratio Lower Upper

128 100

127 17.9 10.2 15.2#

129 16.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

