

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090120\
 Data File : VX018183.D
 Acq On : 01 Sep 2020 11:51
 Operator : JC/SP
 Sample : L3792-15DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40617DL

Quant Time: Sep 02 02:48:22 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	5.64	168	481196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	758873	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	725363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	360361	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	328687	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
35) Dibromofluoromethane	5.46	113	259075	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
50) Toluene-d8	8.70	98	921362	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
62) 4-Bromofluorobenzene	11.12	95	360224	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	

Target Compounds

						Qvalue
5) Bromomethane	1.64	94	701	0.236	ug/l #	51
8) Diethyl Ether	2.17	74	702	0.247	ug/l #	1
10) Methyl Iodide	2.50	142	1275	5.522	ug/l #	78
11) Tert butyl alcohol	3.01	59	6129	4.719	ug/l	98
13) Acrolein	2.27	56	542	1.006	ug/l #	14
16) Acetone	2.42	43	386229	148.377	ug/l	98
17) Carbon Disulfide	2.55	76	3060	0.215	ug/l #	83
18) Methyl Acetate	2.76	43	3211	0.511	ug/l #	75
19) Methyl tert-butyl Ether	3.17	73	46262	2.869	ug/l	99
20) Methylene Chloride	2.84	84	2705	Below Cal		95
22) Diisopropyl ether	3.82	45	23872	1.432	ug/l #	78
23) Vinyl Acetate	3.83	43	15442	1.041	ug/l #	73
25) 2-Butanone	4.64	43	66677	15.586	ug/l	98
36) 1,1-Dichloropropene	5.62	75	37910	5.416	ug/l #	51
37) Ethyl Acetate	4.79	43	705850	86.826	ug/l	99
38) Carbon Tetrachloride	5.63	117	49246	6.243	ug/l #	17
40) Benzene	6.12	78	1600249	77.806	ug/l	99
42) 1,2-Dichloroethane	6.11	62	16144	2.049	ug/l	76
49) 1,4-Dioxane	7.70	88	75	0.633	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	2108	0.260	ug/l	98
52) Toluene	8.77	92	1599977	122.683	ug/l	99
59) 2-Hexanone	9.48	43	2670	0.433	ug/l	85
67) Ethyl Benzene	10.24	91	154807	6.284	ug/l	95
68) m/p-Xylenes	10.34	106	220416	23.970	ug/l	97
69) o-Xylene	10.68	106	130339	14.622	ug/l	95
70) Styrene	10.68	104	10243	0.675	ug/l #	1
73) Isopropylbenzene	11.01	105	6363	0.268	ug/l	99
74) N-amyl acetate	10.80	43	5608	0.497	ug/l #	44
76) 1,2,3-Trichloropropane	11.12	75	186271	23.236	ug/l #	36
78) n-propylbenzene	11.34	91	12773	0.473	ug/l	97
79) 2-Chlorotoluene	11.42	91	9389	0.563	ug/l #	50
80) 1,3,5-Trimethylbenzene	11.49	105	23020	1.179	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.12	75	186271	62.757	ug/l #	12
82) 4-Chlorotoluene	11.49	91	4778	0.241	ug/l	73

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 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
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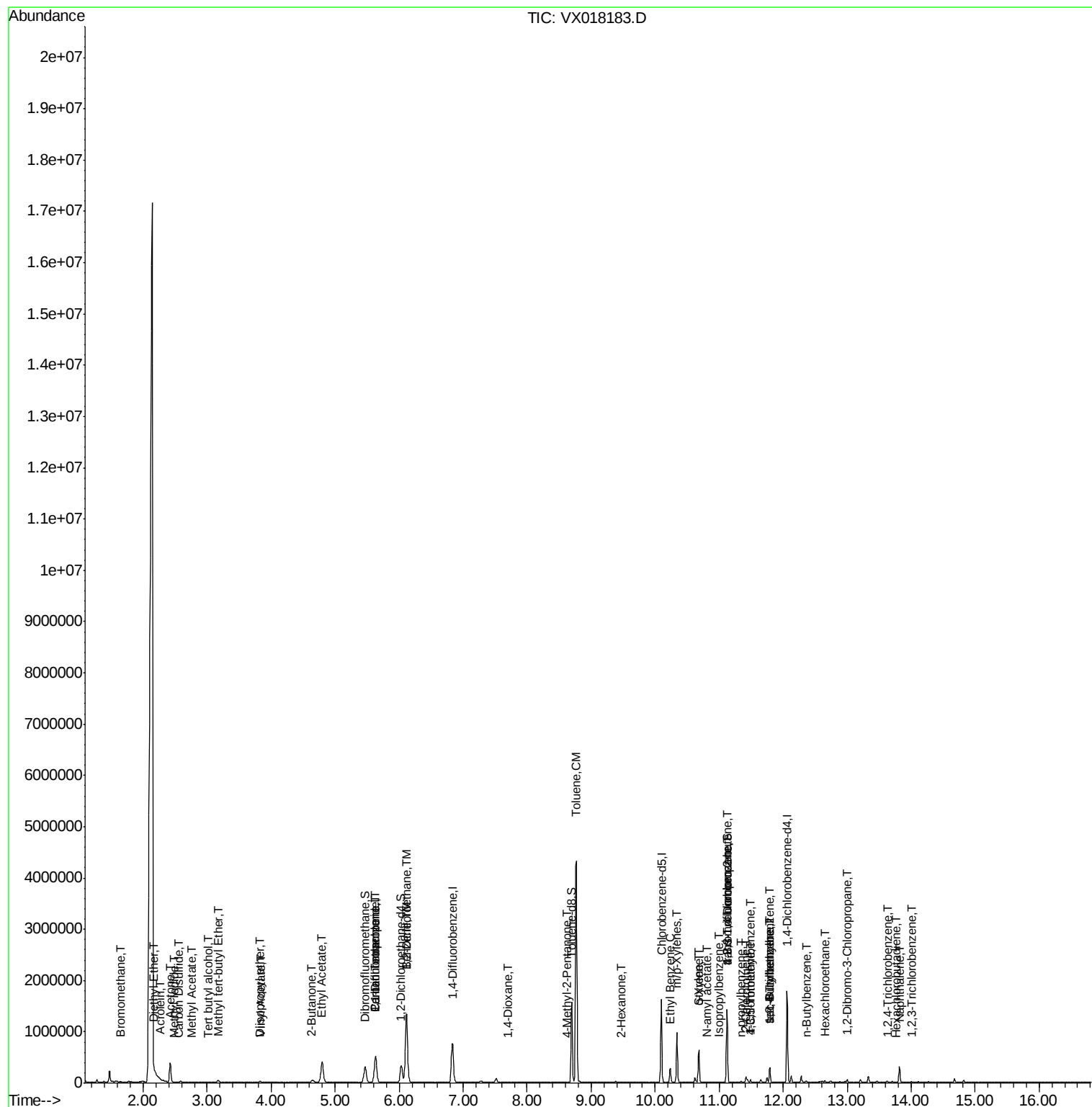
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	11.79	119	16959	0.880	ug/l #	54
84) 1,2,4-Trimethylbenzene	11.79	105	125103	6.264	ug/l	98
85) sec-Butylbenzene	11.79	105	125103	5.707	ug/l #	56
89) n-Butylbenzene	12.37	91	6129	0.333	ug/l #	59
90) Hexachloroethane	12.65	117	1987	0.502	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	13.01	75	583	0.278	ug/l #	21
93) 1,2,4-Trichlorobenzene	13.63	180	2203	0.304	ug/l #	83
94) Hexachlorobutadiene	13.76	225	831	0.291	ug/l	85
95) Naphthalene	13.82	128	183208	7.688	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1661	0.232	ug/l	82

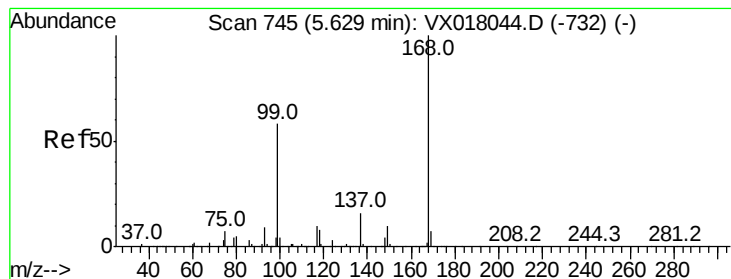
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018183.D

Acq: 01 Sep 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

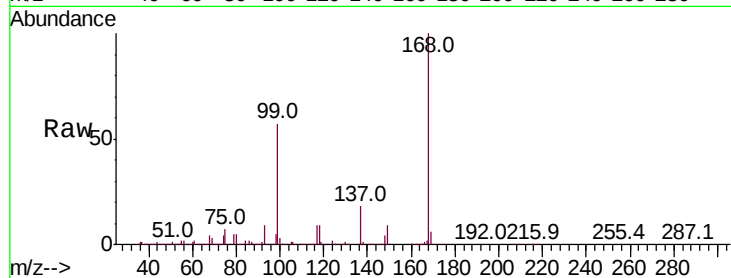
40617DL

Tot Ion:168 Resp: 481196

Ion Ratio Lower Upper

168 100

99 56.9 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.64

200000

150000

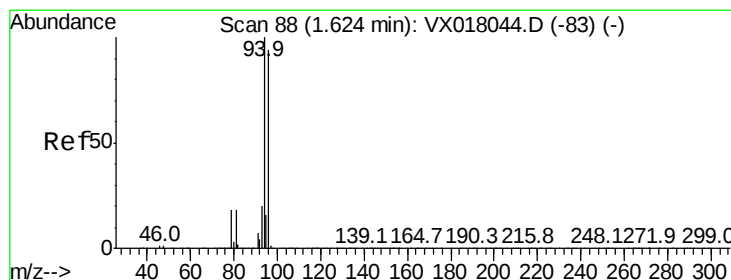
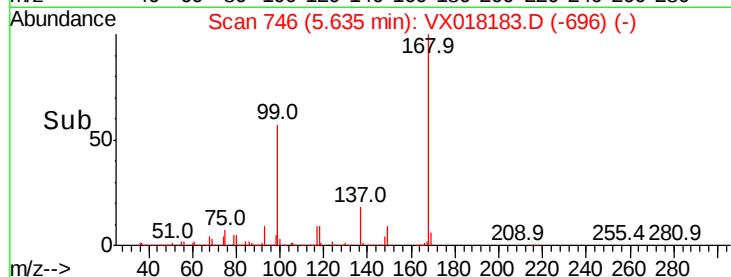
100000

50000

0

Time-->

5.50 5.60 5.70



#5

Bromomethane

Concen: 0.236 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX018183.D

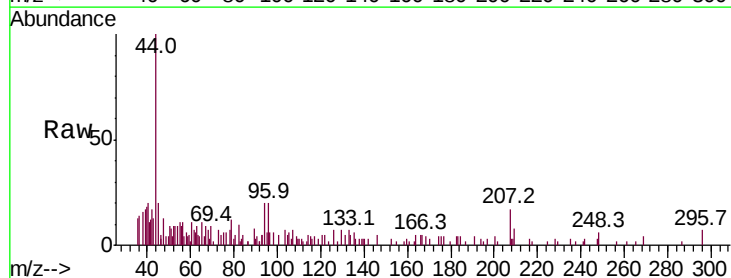
Acq: 01 Sep 2020 11:51

Tgt Ion: 94 Resp: 701

Ion Ratio Lower Upper

94 100

96 46.6 74.8 112.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

600

500

400

300

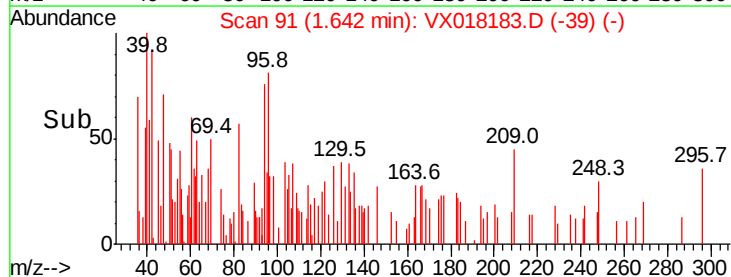
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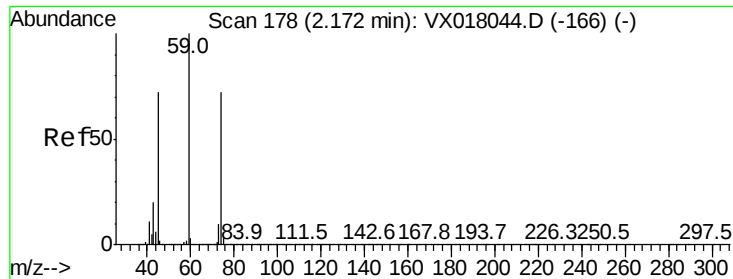
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0

Time-->

1.60 1.62 1.64 1.66

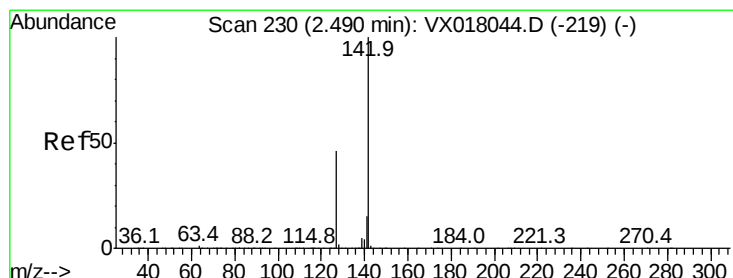
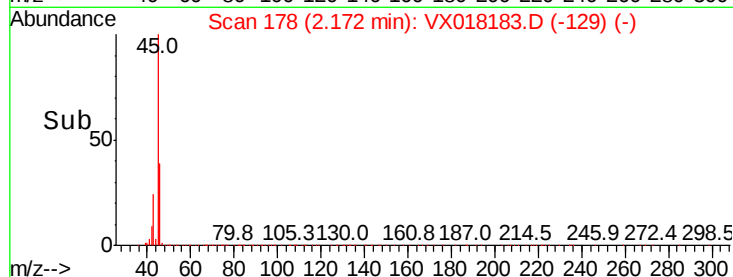
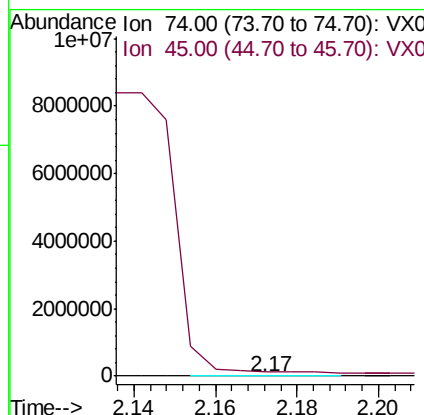
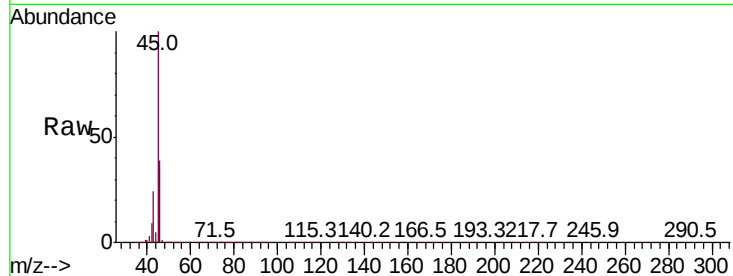




#8
Diethyl Ether
Concen: 0.247 ug/l
RT: 2.17 min Scan# 178
Delta R.T. -0.00 min
Lab File: VX018183.D
Acq: 01 Sep 2020 11:51

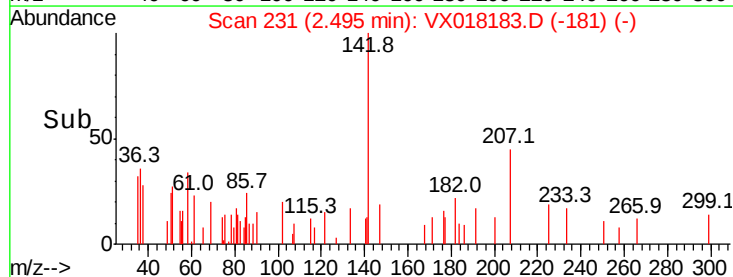
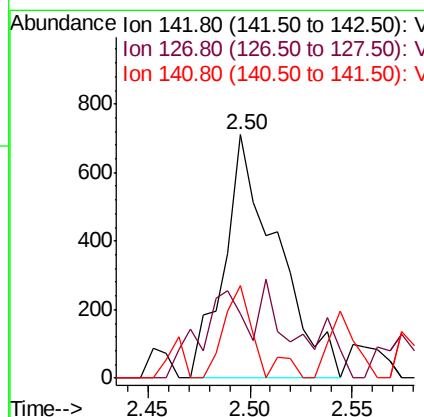
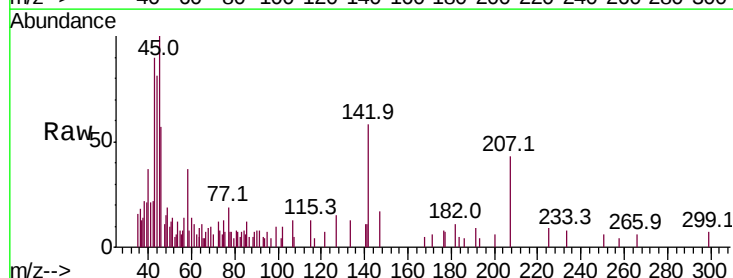
Instrument :
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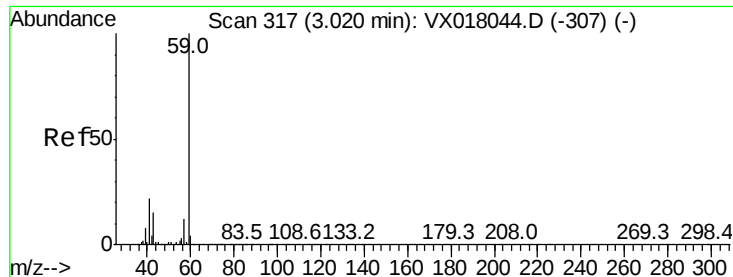
Tot Ion: 74 Resp: 702
Ion Ratio Lower Upper
74 100
45 0.0 50.7 152.3#



#10
Methyl Iodide
Concen: 5.522 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX018183.D
Acq: 01 Sep 2020 11:51

Tgt Ion: 142 Resp: 1275
Ion Ratio Lower Upper
142 100
127 31.4 37.0 55.6#
141 22.7 11.5 17.3#

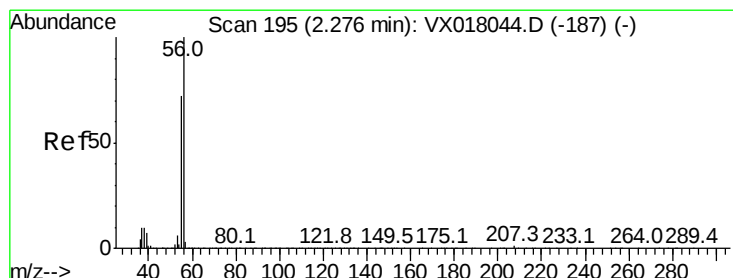
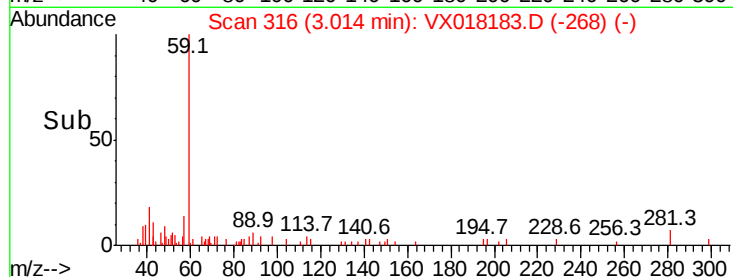
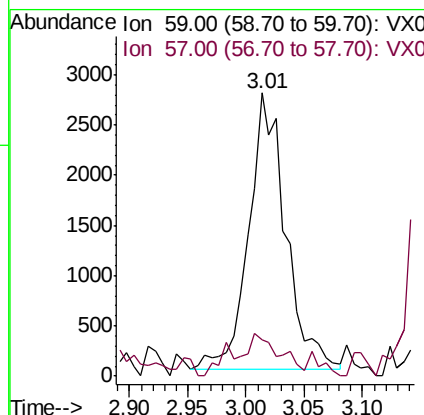
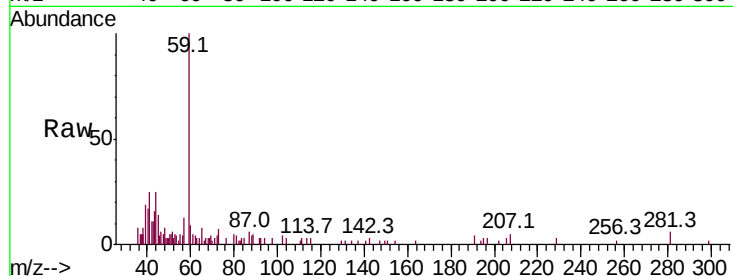




#11
Tert butyl alcohol
Concen: 4.719 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018183.D
Acq: 01 Sep 2020 11:51

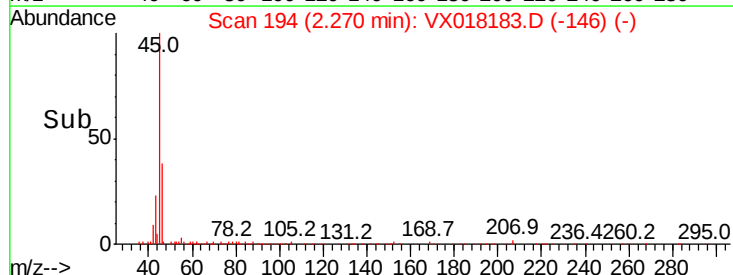
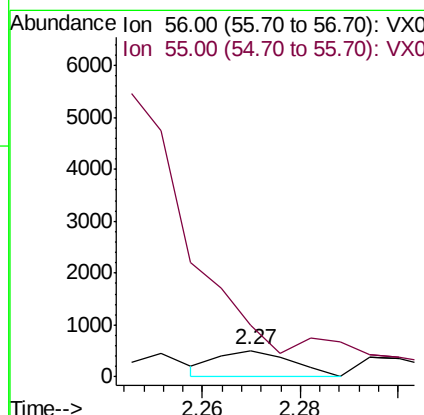
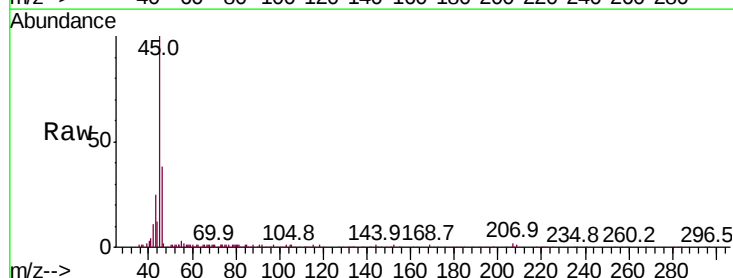
Instrument :
MSVOA_X
ClientSampleId :
40617DL

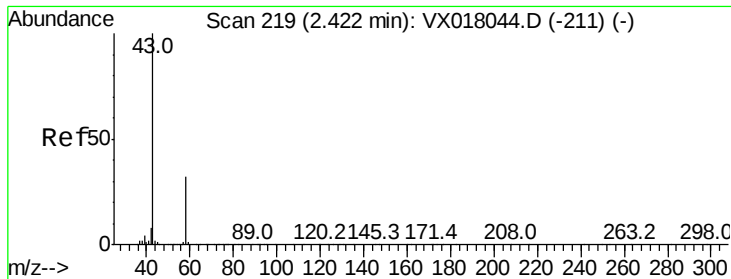
Tot Ion: 59 Resp: 6129
Ion Ratio Lower Upper
59 100
57 10.2 8.9 13.3



#13
Acrolein
Concen: 1.006 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX018183.D
Acq: 01 Sep 2020 11:51

Tgt Ion: 56 Resp: 542
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.6#

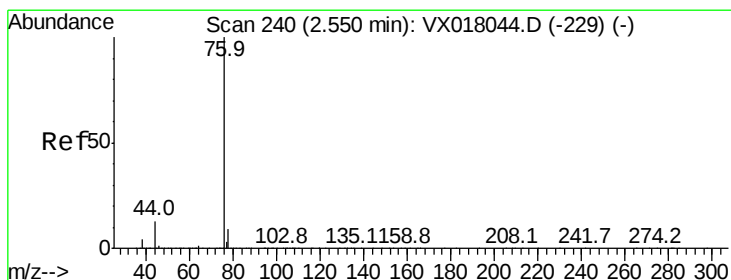
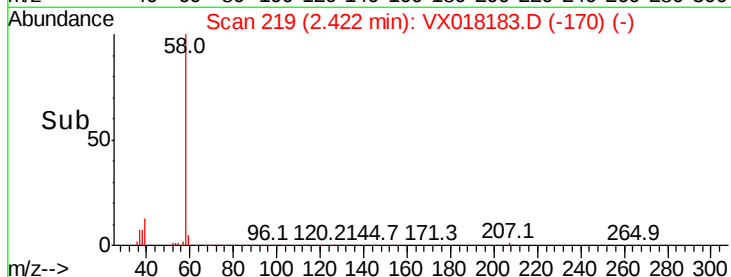
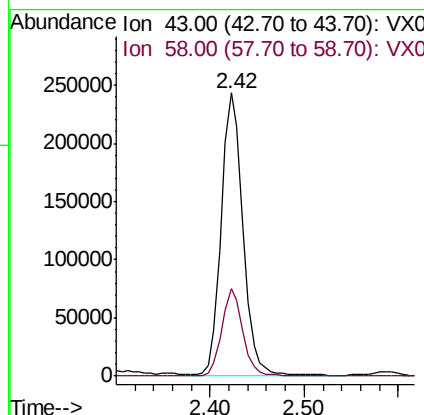
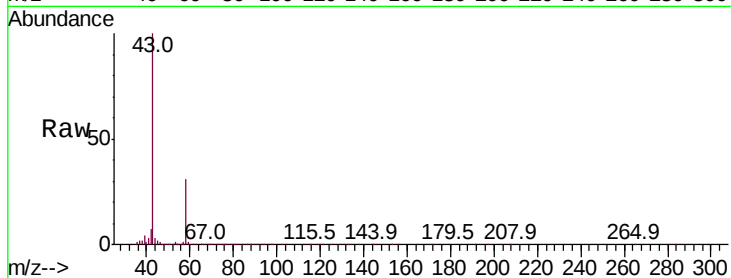




#16
Acetone
Concen: 148.377 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX018183.D
Acq: 01 Sep 2020 11:51

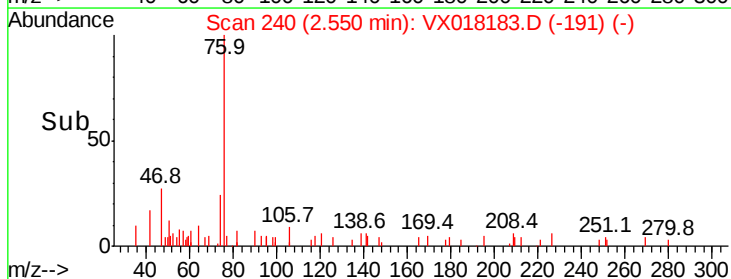
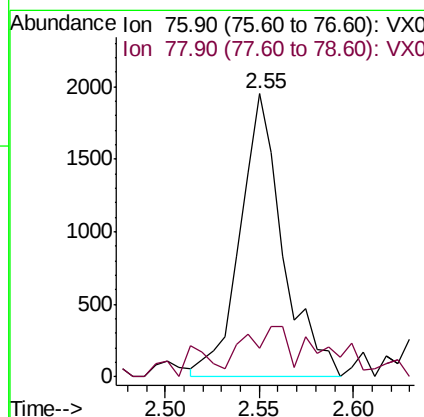
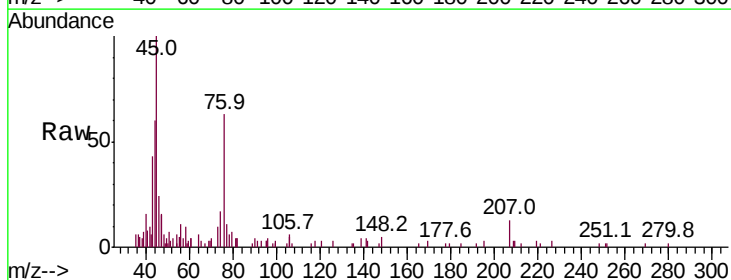
Instrument :
MSVOA_X
ClientSampled :
40617DL

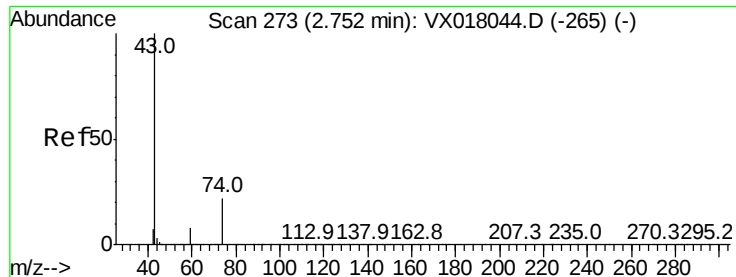
Tot Ion: 43 Resp: 386229
Ion Ratio Lower Upper
43 100
58 31.0 25.5 38.3



#17
Carbon Disulfide
Concen: 0.215 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018183.D
Acq: 01 Sep 2020 11:51

Tgt Ion: 76 Resp: 3060
Ion Ratio Lower Upper
76 100
78 3.2 7.4 11.0#

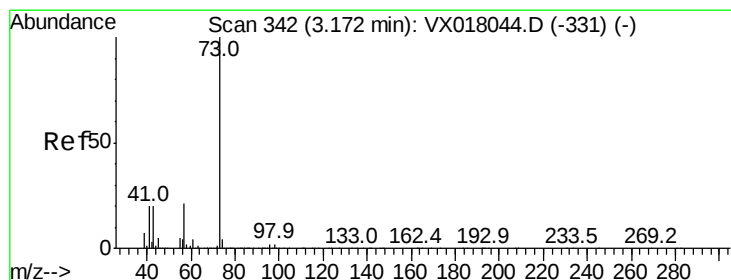
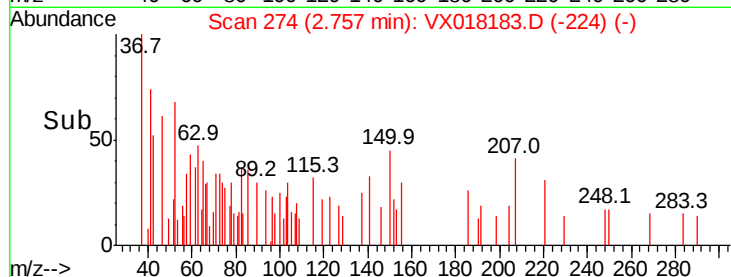
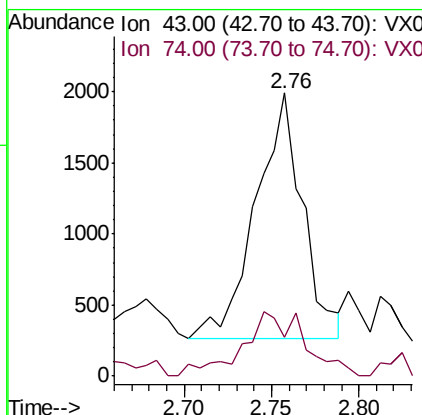
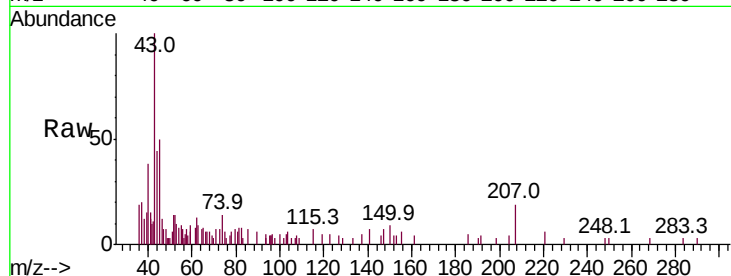




#18
Methvl Acetate
Concen: 0.511 ug/l
RT: 2.76 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX018183.D
Acq: 01 Sep 2020 11:51

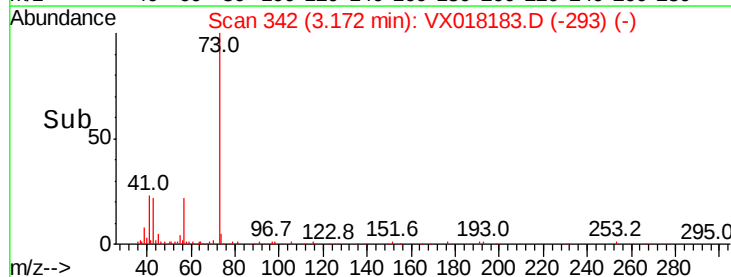
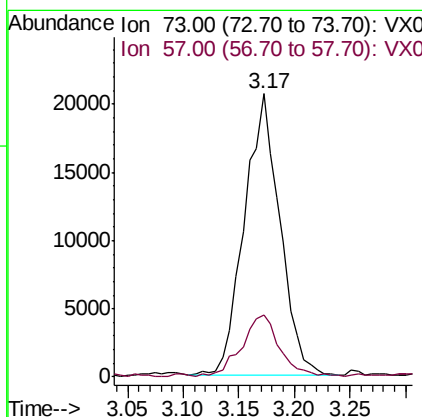
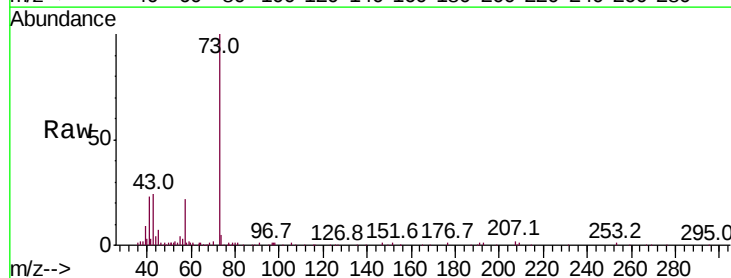
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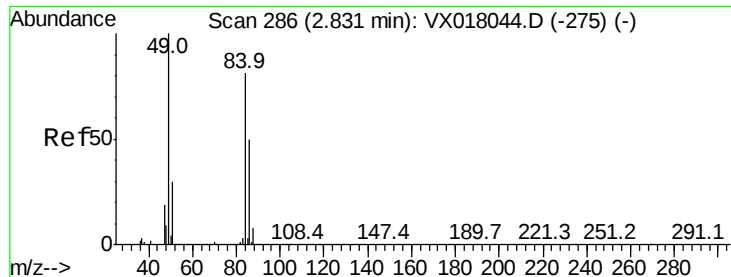
Tot Ion: 43 Resp: 3211
Ion Ratio Lower Upper
43 100
74 34.7 18.2 27.4#



#19
Methyl tert-butyl Ether
Concen: 2.869 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX018183.D
Acq: 01 Sep 2020 11:51

Tgt Ion: 73 Resp: 46262
Ion Ratio Lower Upper
73 100
57 21.6 16.8 25.2

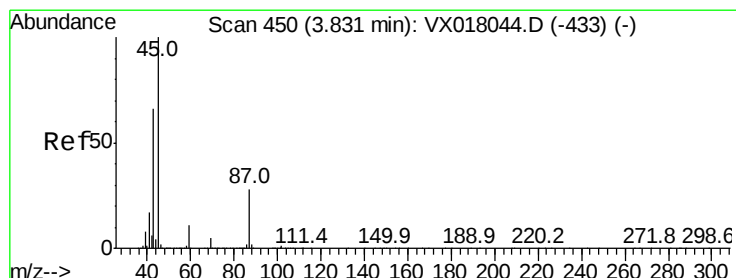
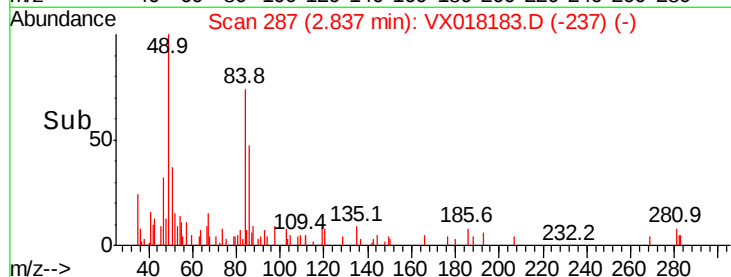
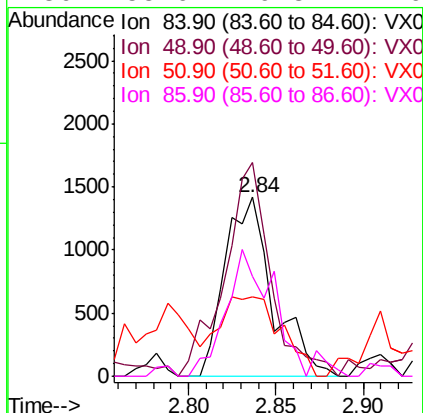
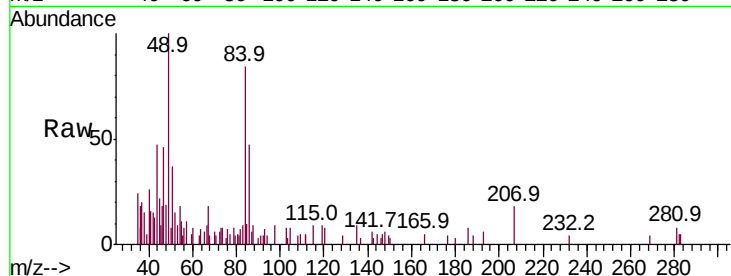




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018183.D
Acq: 01 Sep 2020 11:51

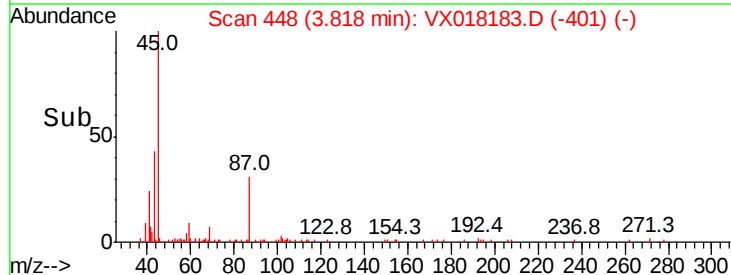
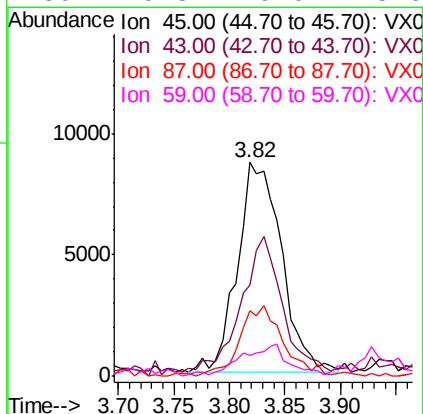
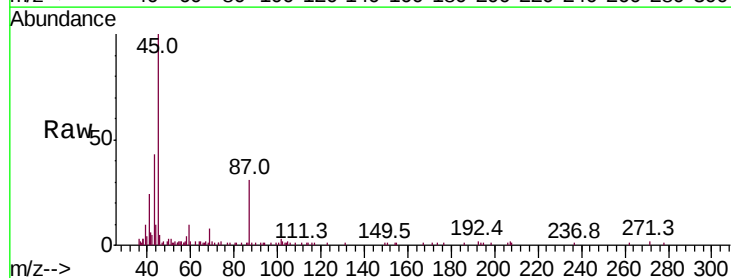
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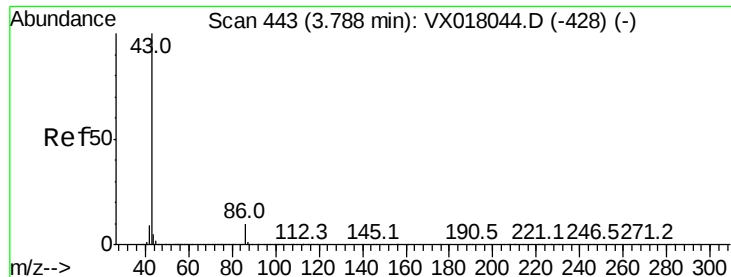
Tot Ion:	84	Resp:	2705
Ion	Ratio	Lower	Upper
84	100		
49	119.2	98.6	148.0
51	34.1	29.6	44.4
86	55.6	49.8	74.6



#22
Diisopropyl ether
Concen: 1.432 ug/l
RT: 3.82 min Scan# 448
Delta R.T. -0.01 min
Lab File: VX018183.D
Acq: 01 Sep 2020 11:51

Tgt Ion:	45	Resp:	23872
Ion	Ratio	Lower	Upper
45	100		
43	40.7	52.8	79.2#
87	30.5	22.5	33.7
59	9.3	9.0	13.6





#23

Vinyl Acetate

Concen: 1.041 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.04 min

Lab File: VX018183.D

Acq: 01 Sep 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

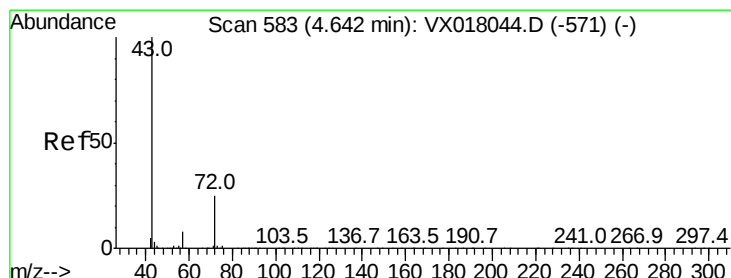
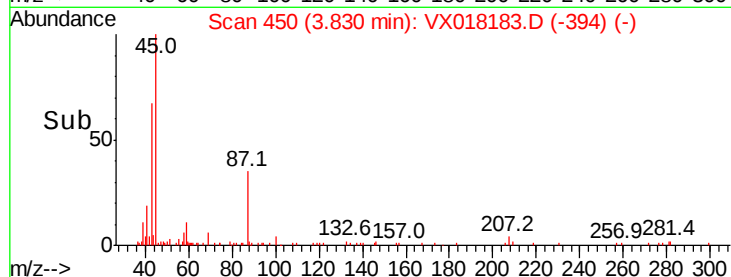
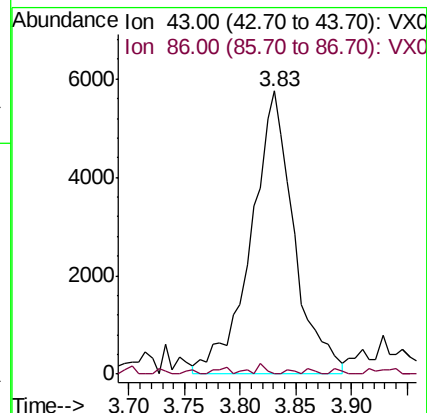
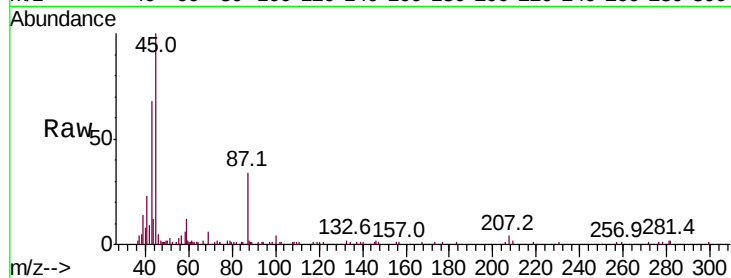
40617DL

Tot Ion: 43 Resp: 15442

Ion Ratio Lower Upper

43 100

86 0.0 7.9 11.9#



#25

2-Butanone

Concen: 15.586 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018183.D

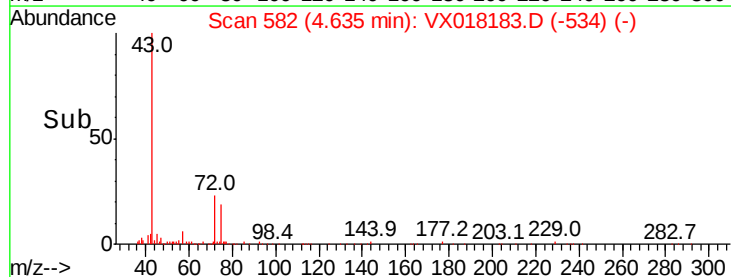
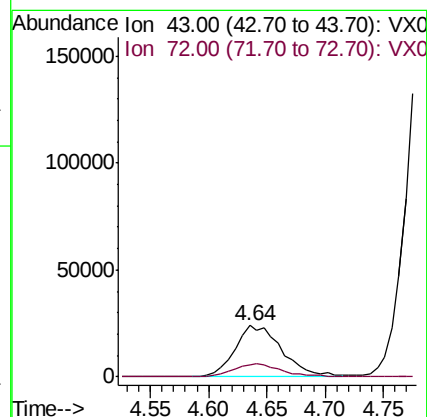
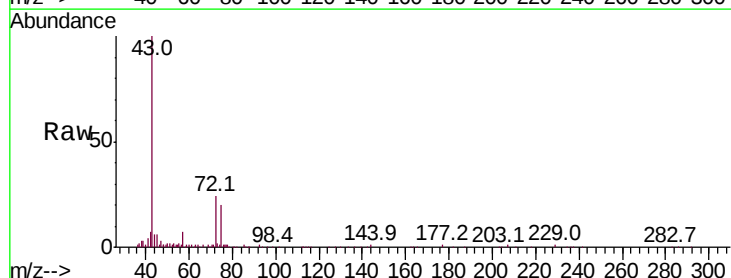
Acq: 01 Sep 2020 11:51

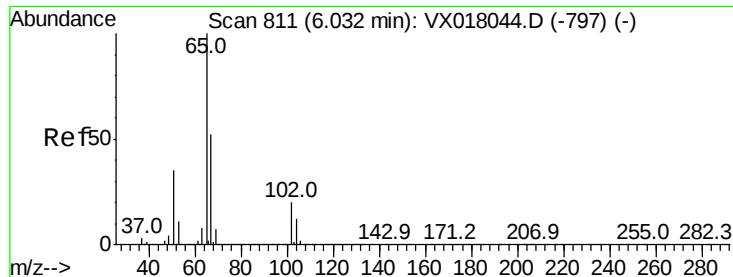
Tgt Ion: 43 Resp: 66677

Ion Ratio Lower Upper

43 100

72 23.7 19.8 29.6





#33

1,2-Dichloroethane-d4

Concen: 49.203 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018183.D

Acq: 01 Sep 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

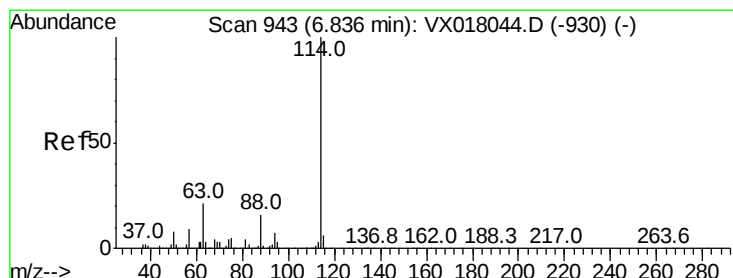
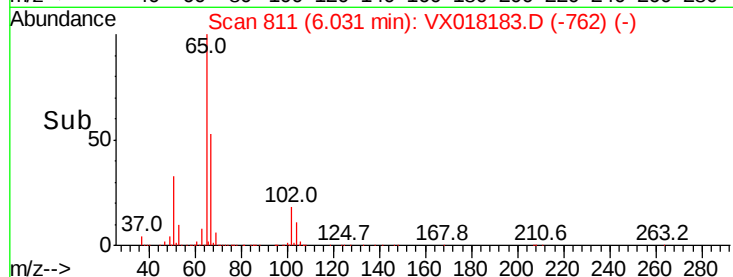
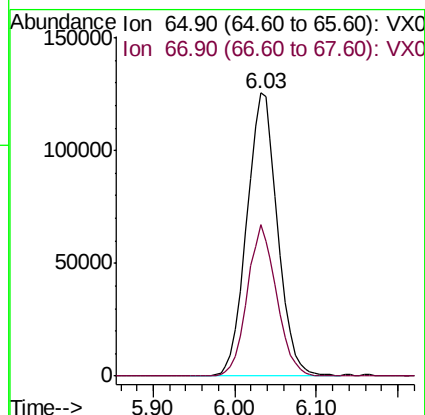
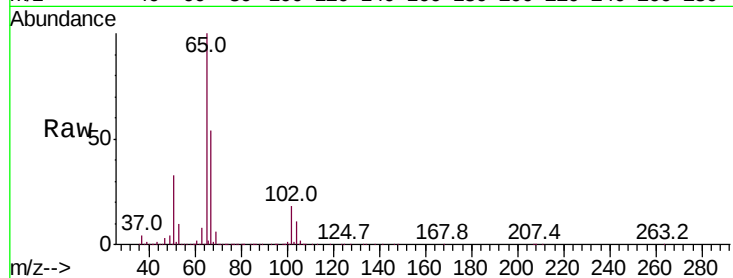
40617DL

Tot Ion: 65 Resp: 328687

Ion Ratio Lower Upper

65 100

67 50.9 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.00 min

Lab File: VX018183.D

Acq: 01 Sep 2020 11:51

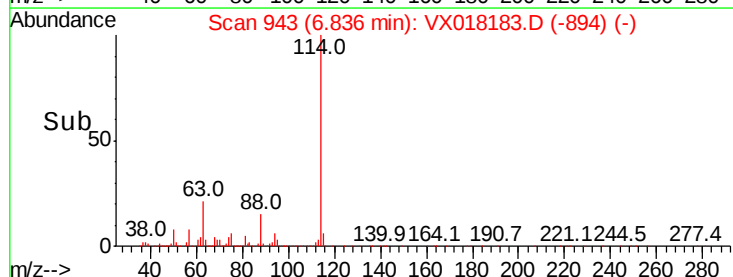
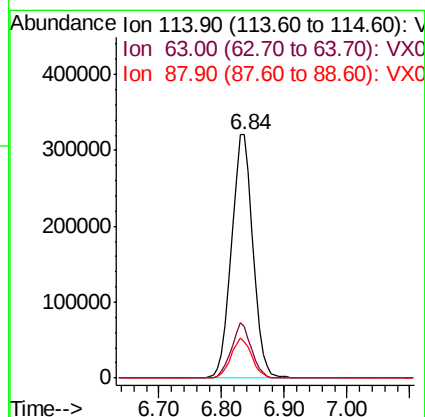
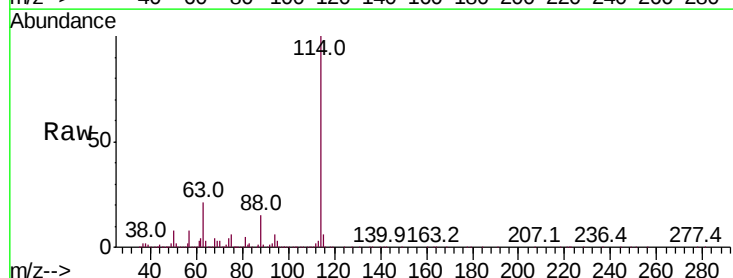
Tgt Ion: 114 Resp: 758873

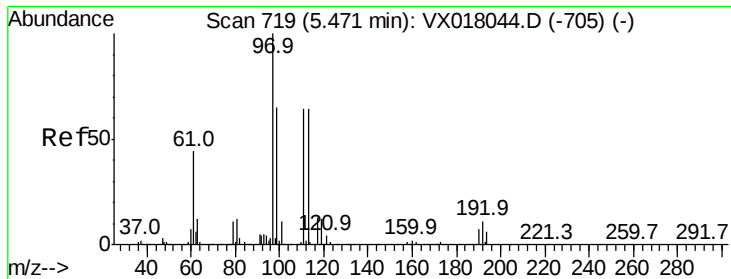
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.6

88 15.1 0.0 31.8

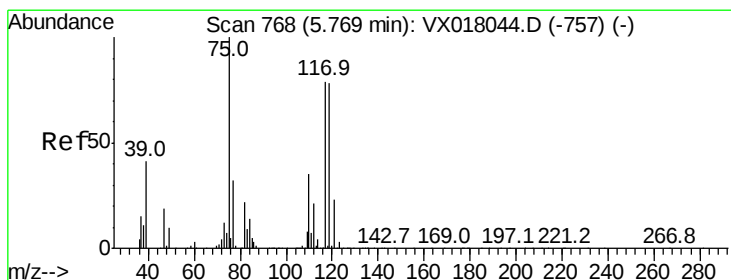
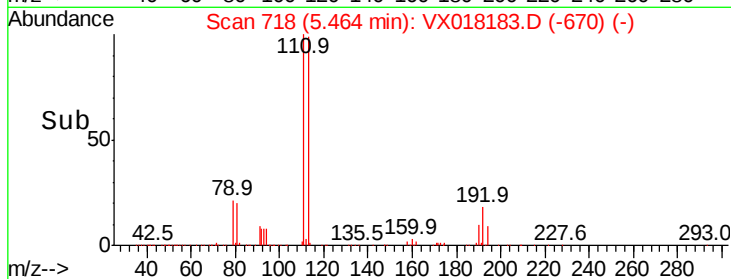
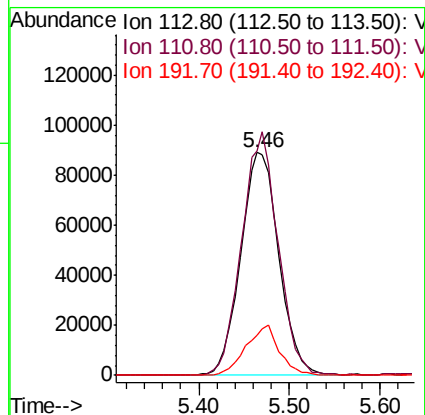
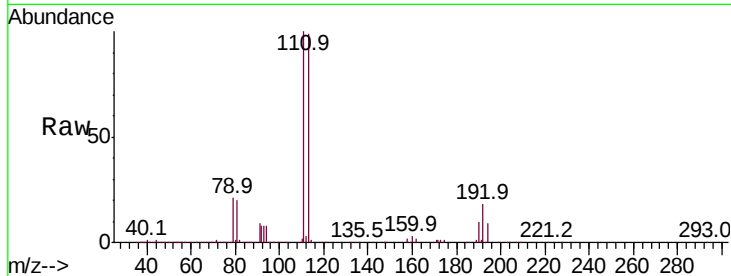




#35
 Dibromofluoromethane
 Concen: 50.128 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX018183.D
 Acq: 01 Sep 2020 11:51

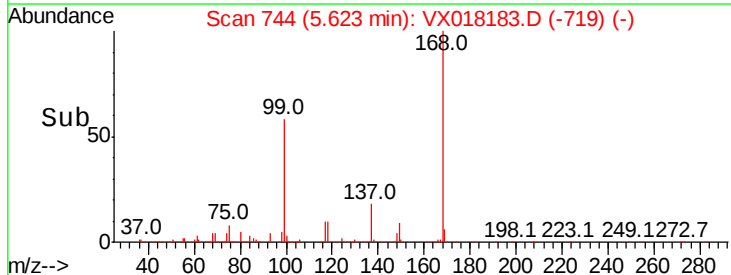
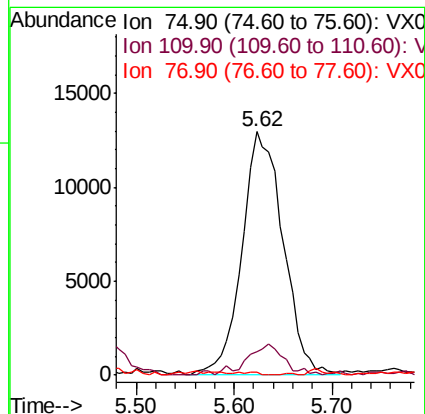
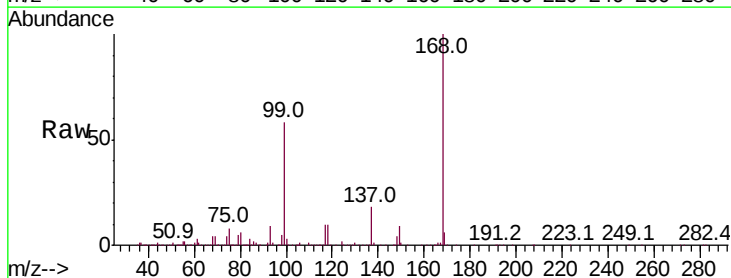
Instrument :
 MSVOA_X
 ClientSampleId :
 40617DL

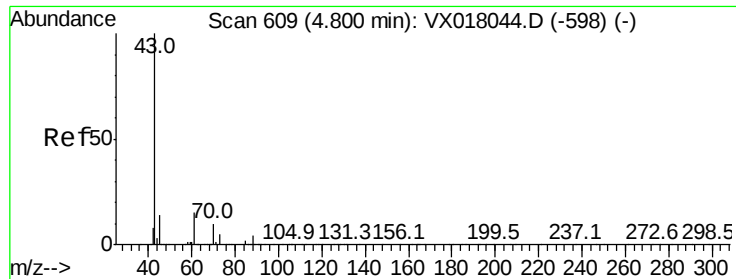
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.6	122.4
192	19.9	15.8	23.8



#36
 1,1-Dichloropropene
 Concen: 5.416 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.15 min
 Lab File: VX018183.D
 Acq: 01 Sep 2020 11:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.4	18.0	54.0#
77	0.5	24.4	36.6#

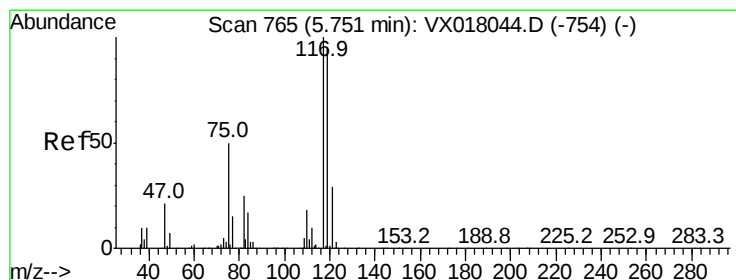
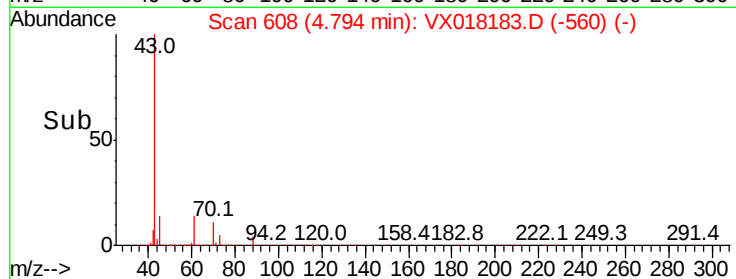
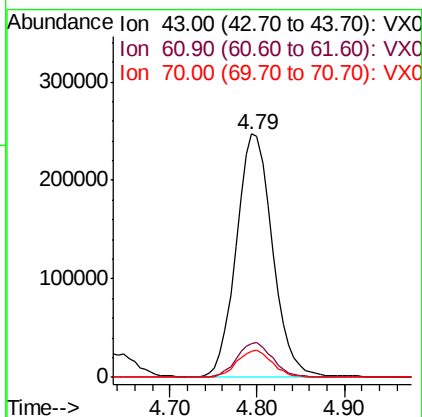
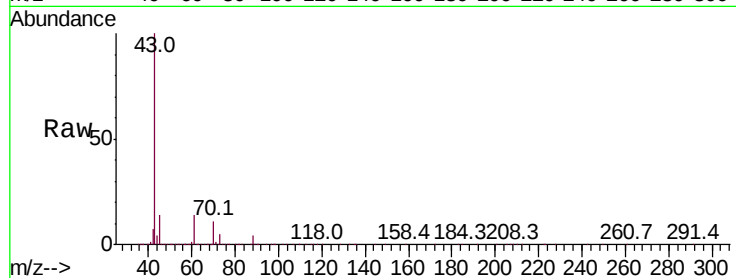




#37
Ethyl Acetate
Concen: 86.826 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018183.D
Acq: 01 Sep 2020 11:51

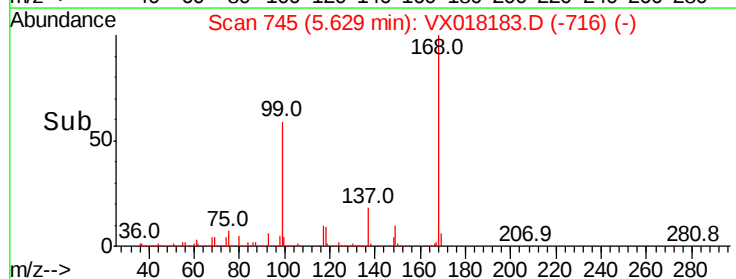
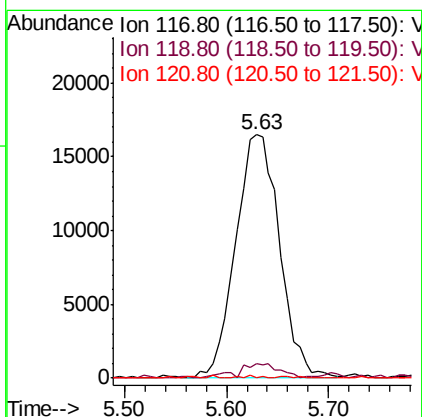
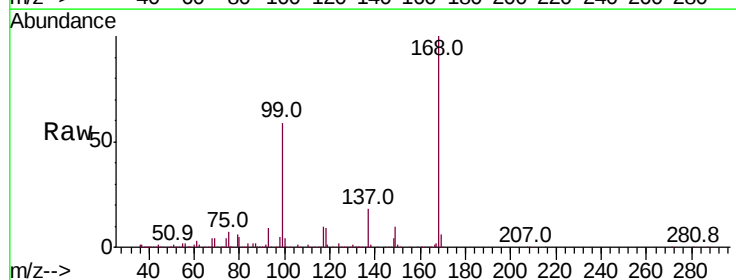
Instrument :
MSVOA_X
ClientSampleID :
40617DL

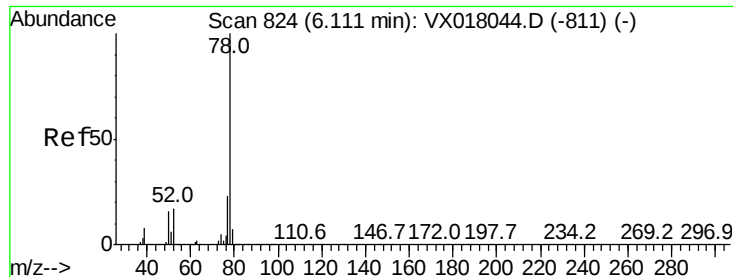
Tot Ion: 43 Resp: 705850
Ion Ratio Lower Upper
43 100
61 14.3 11.3 16.9
70 10.9 8.2 12.4



#38
Carbon Tetrachloride
Concen: 6.243 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX018183.D
Acq: 01 Sep 2020 11:51

Tgt Ion: 117 Resp: 49246
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.6#
121 0.3 23.4 35.0#





#40

Benzene

Concen: 77.806 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX018183.D

Acq: 01 Sep 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

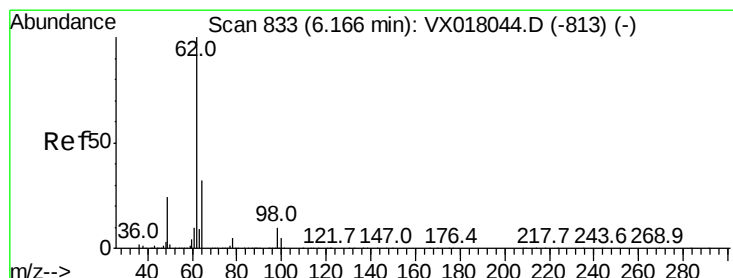
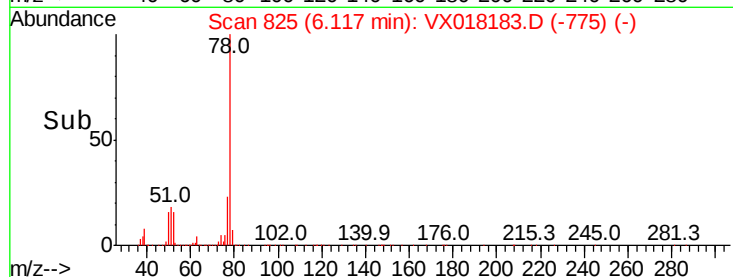
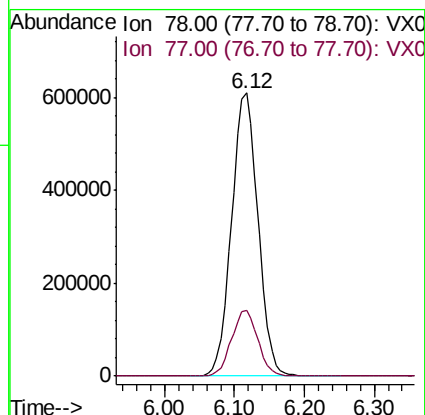
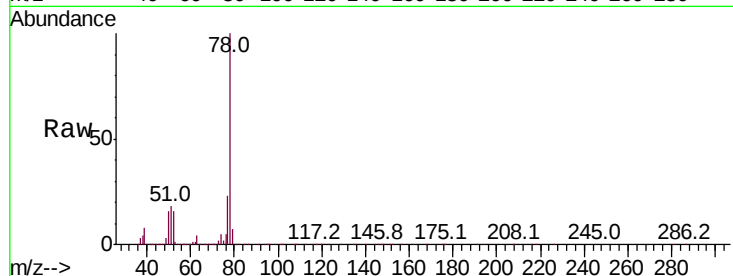
40617DL

Tot Ion: 78 Resp: 1600249

Ion Ratio Lower Upper

78 100

77 23.0 18.2 27.2



#42

1,2-Dichloroethane

Concen: 2.049 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.06 min

Lab File: VX018183.D

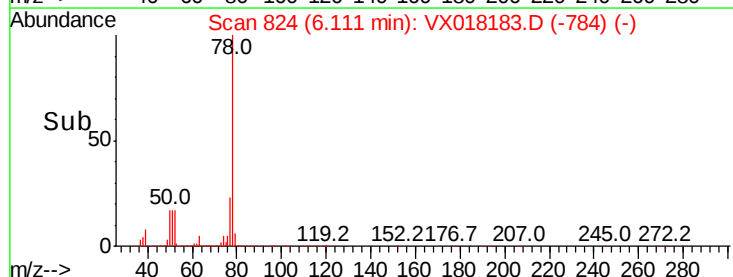
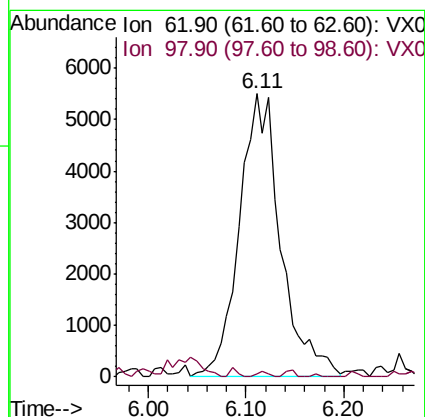
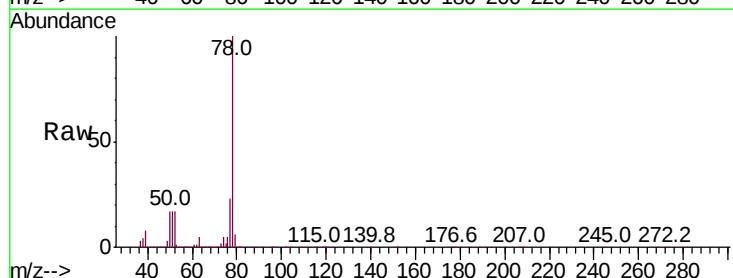
Acq: 01 Sep 2020 11:51

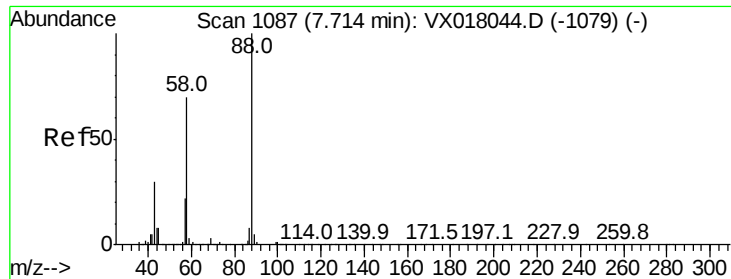
Tgt Ion: 62 Resp: 16144

Ion Ratio Lower Upper

62 100

98 0.6 0.0 18.2





#49

1,4-Dioxane

Concen: 0.633 ug/l

RT: 7.70 min Scan# 1085

Delta R.T. -0.01 min

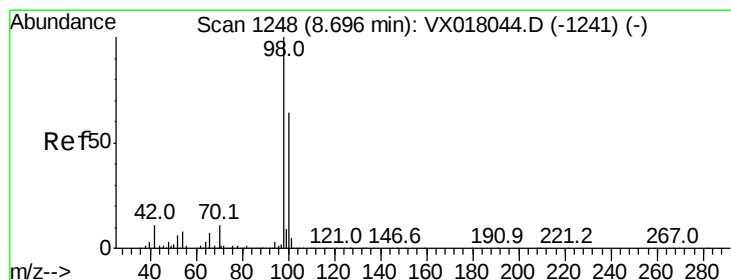
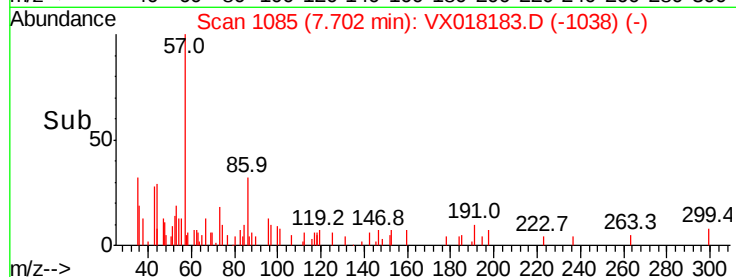
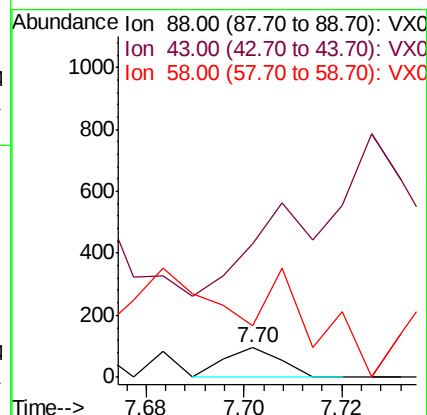
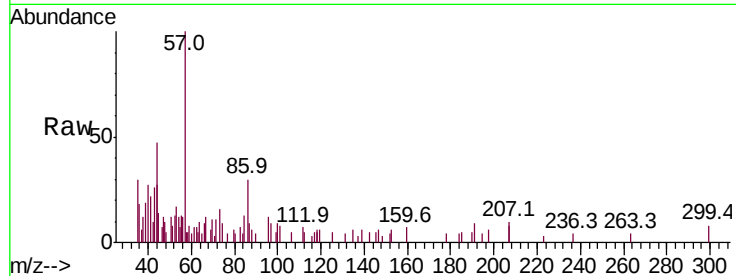
Lab File: VX018183.D

Acq: 01 Sep 2020 11:51

Instrument :
MSVOA_X
ClientSampleID :
40617DL

Tot Ion: 88 Resp: 75

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.4	41.0#
58	538.7	56.4	84.6#



#50

Toluene-d8

Concen: 47.864 ug/l

RT: 8.70 min Scan# 1248

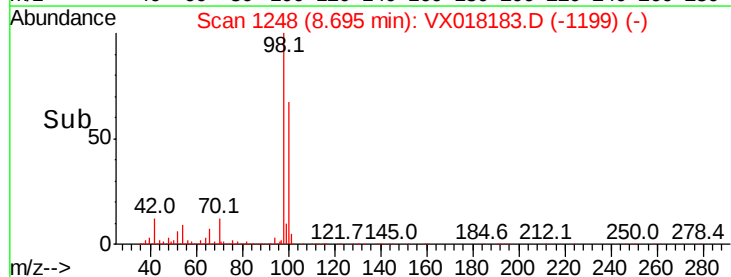
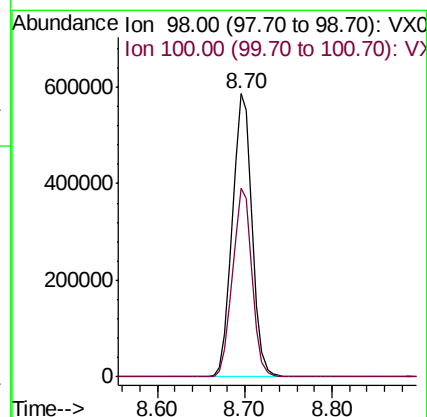
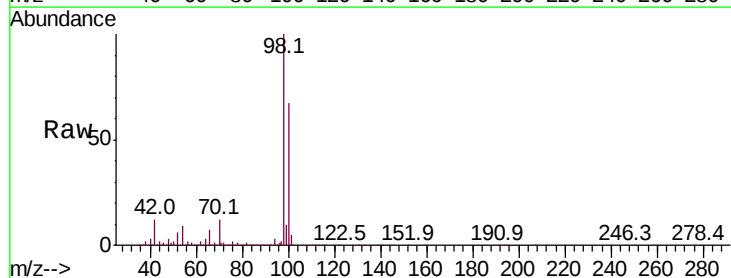
Delta R.T. -0.00 min

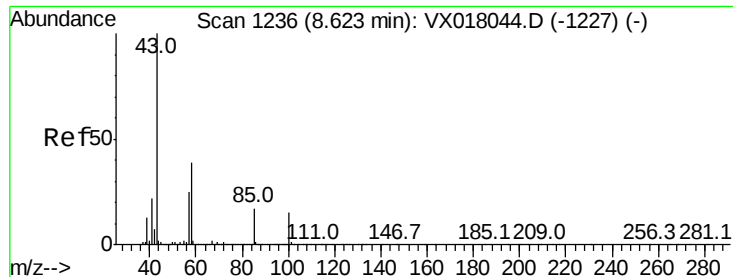
Lab File: VX018183.D

Acq: 01 Sep 2020 11:51

Tgt Ion: 98 Resp: 921362

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 0.260 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018183.D

Acq: 01 Sep 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

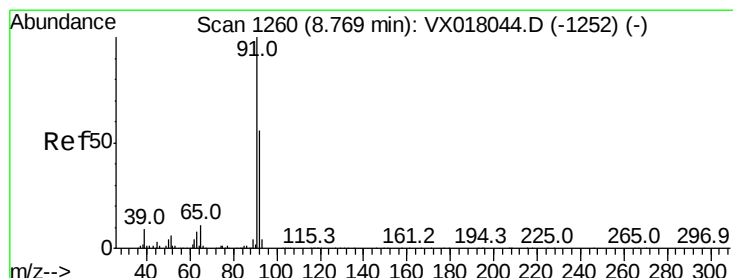
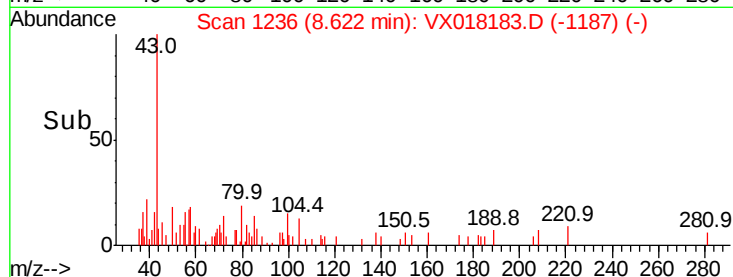
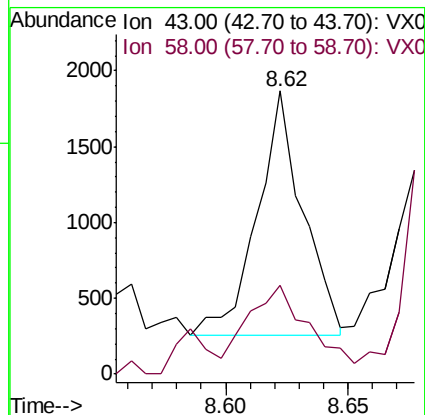
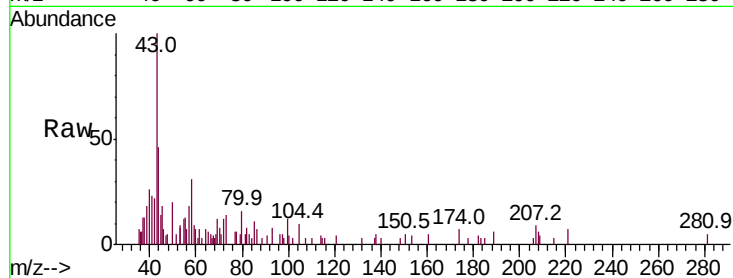
40617DL

Tot Ion: 43 Resp: 2108

Ion Ratio Lower Upper

43 100

58 39.9 30.7 46.1



#52

Toluene

Concen: 122.683 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018183.D

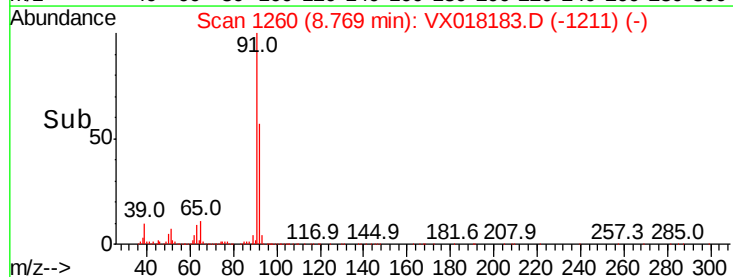
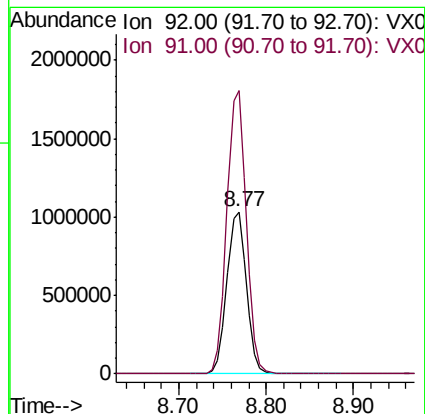
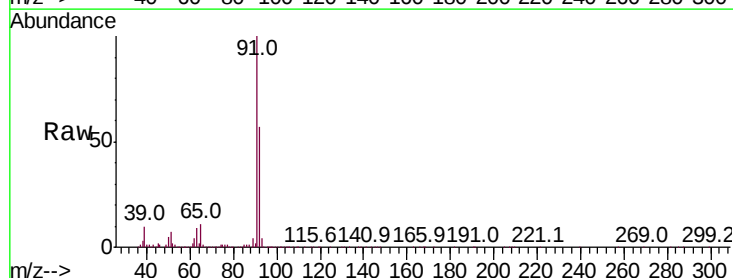
Acq: 01 Sep 2020 11:51

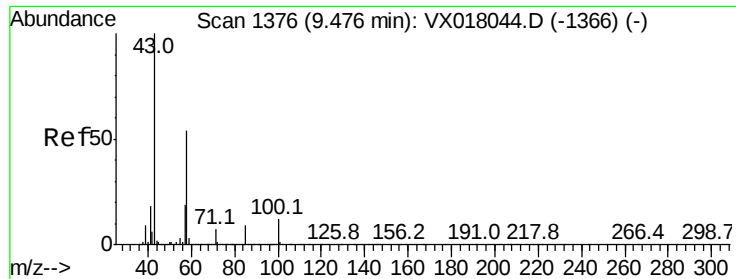
Tgt Ion: 92 Resp: 1599977

Ion Ratio Lower Upper

92 100

91 174.1 140.3 210.5

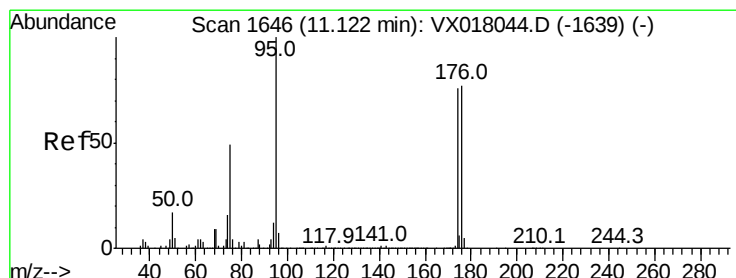
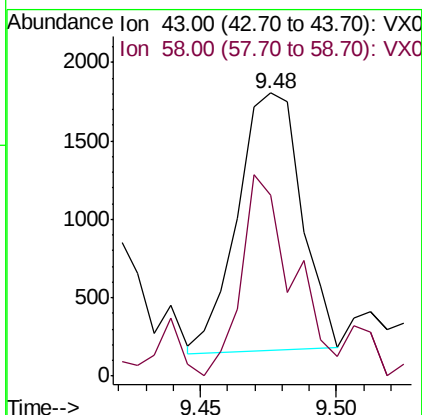
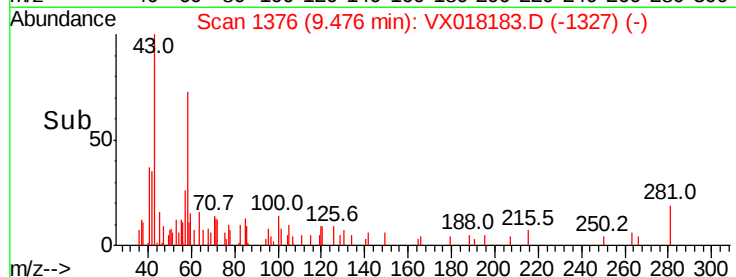
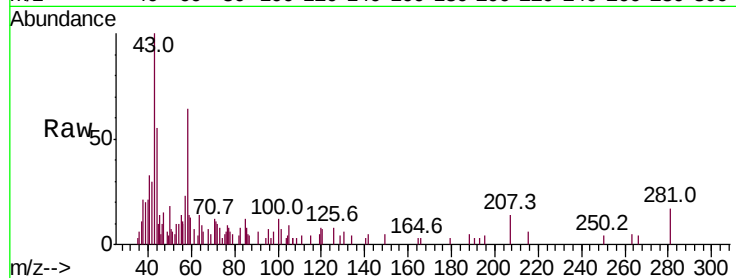




#59
2-Hexanone
Concen: 0.433 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018183.D
Acq: 01 Sep 2020 11:51

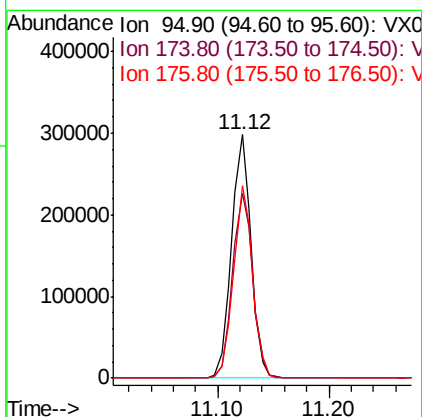
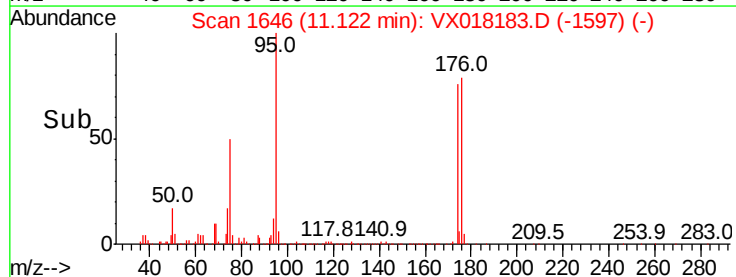
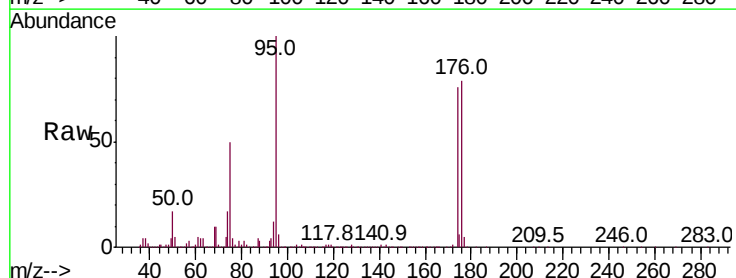
Instrument :
MSVOA_X
ClientSampleId :
40617DL

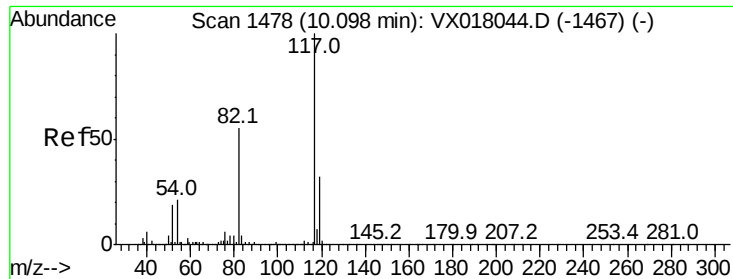
Tot Ion: 43 Resp: 2670
Ion Ratio Lower Upper
43 100
58 63.7 26.6 79.7



#62
4-Bromofluorobenzene
Concen: 47.563 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018183.D
Acq: 01 Sep 2020 11:51

Tgt Ion: 95 Resp: 360224
Ion Ratio Lower Upper
95 100
174 79.1 0.0 160.2
176 77.7 0.0 155.8

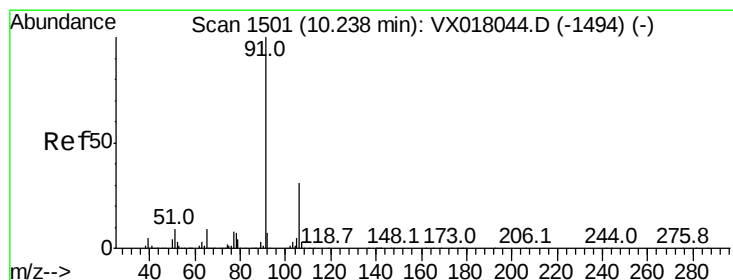
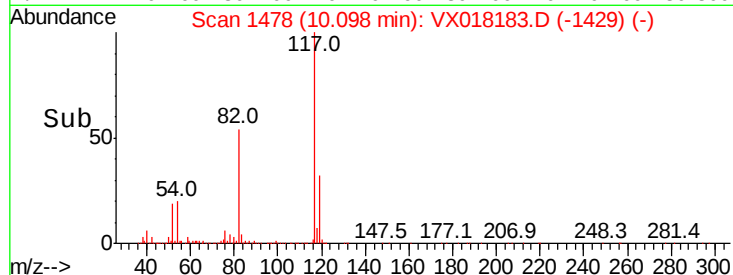
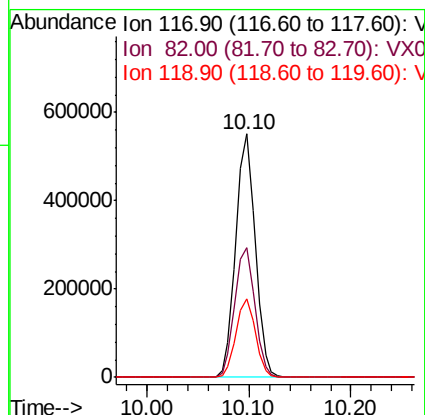
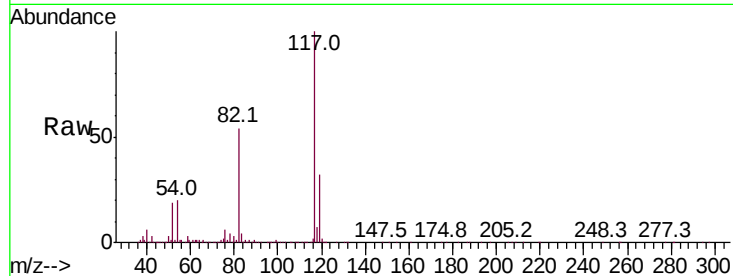




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018183.D
Acq: 01 Sep 2020 11:51

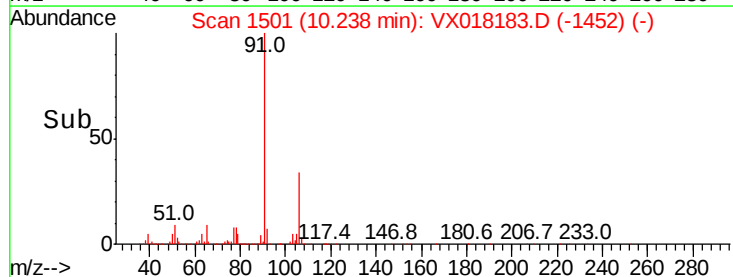
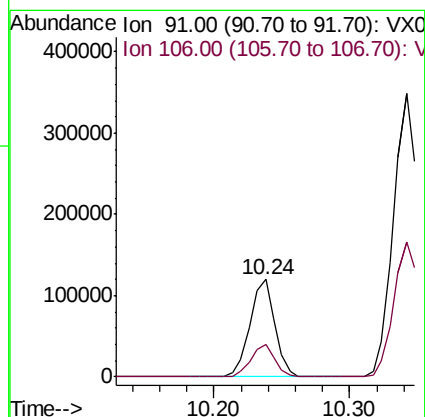
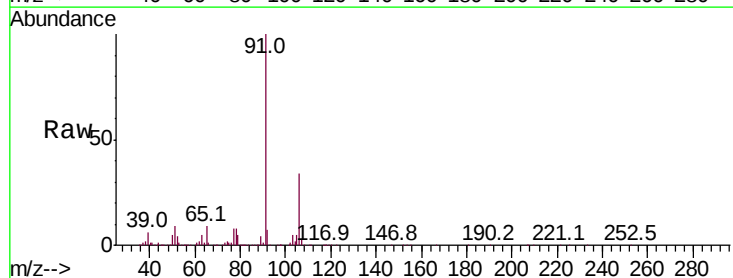
Instrument :
MSVOA_X
ClientSampled :
40617DL

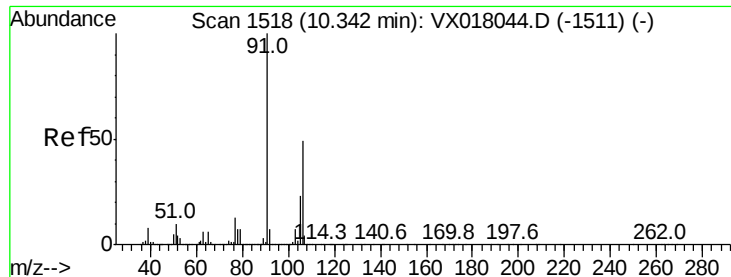
Tot Ion:117 Resp: 725363
Ion Ratio Lower Upper
117 100
82 53.5 44.2 66.2
119 32.1 25.7 38.5



#67
Ethyl Benzene
Concen: 6.284 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018183.D
Acq: 01 Sep 2020 11:51

Tgt Ion: 91 Resp: 154807
Ion Ratio Lower Upper
91 100
106 33.9 24.9 37.3





#68

m/p-Xylenes

Concen: 23.970 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018183.D

Acq: 01 Sep 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

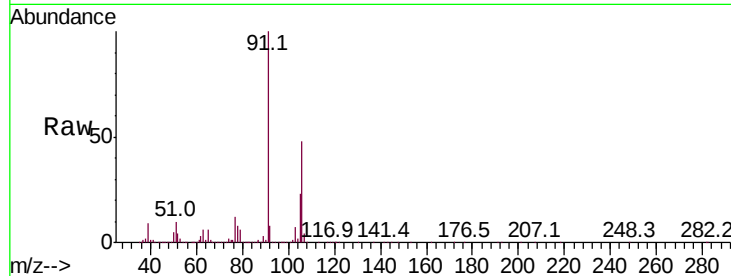
40617DL

Tot Ion:106 Resp: 220416

Ion Ratio Lower Upper

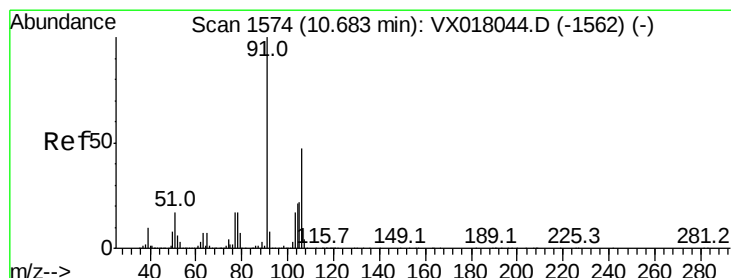
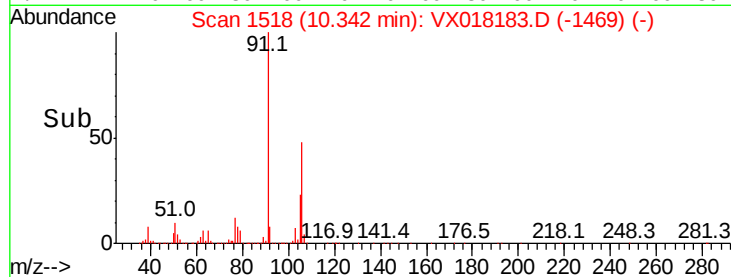
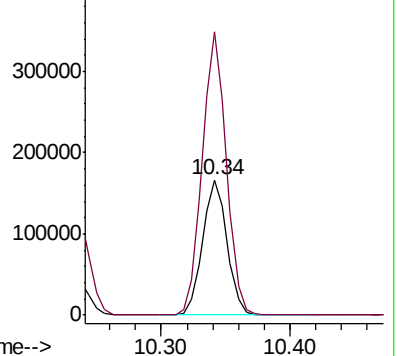
106 100

91 207.0 162.2 243.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 14.622 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX018183.D

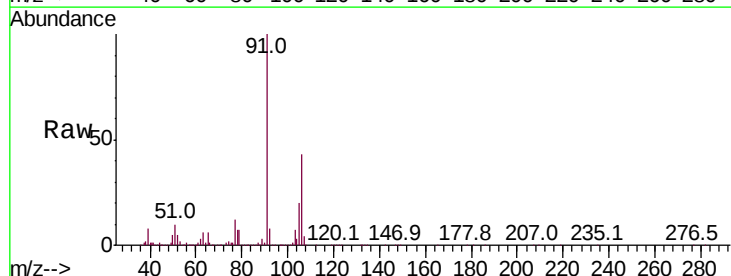
Acq: 01 Sep 2020 11:51

Tgt Ion:106 Resp: 130339

Ion Ratio Lower Upper

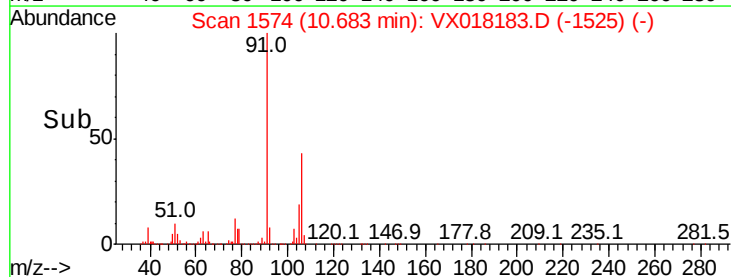
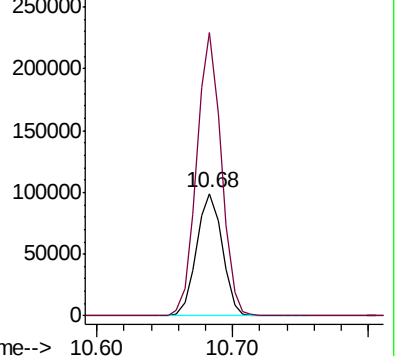
106 100

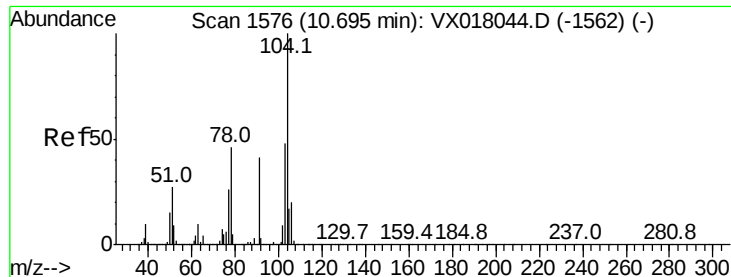
91 222.0 107.1 321.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

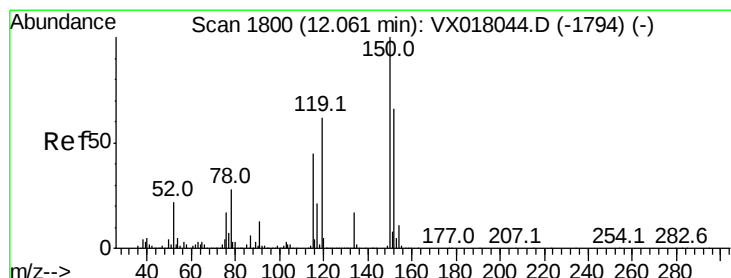
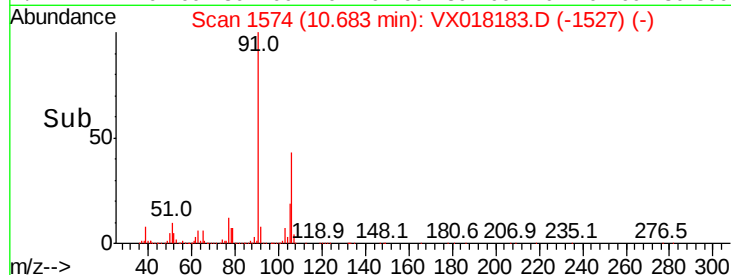
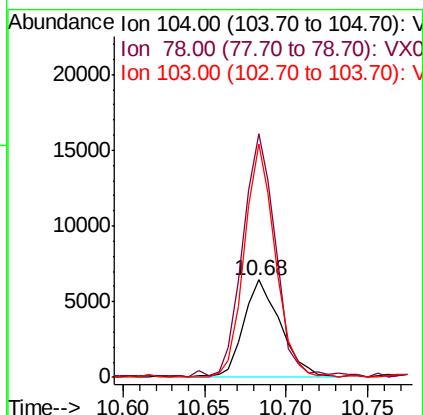
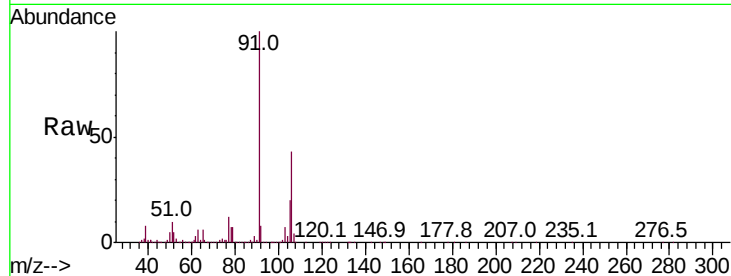




#70
Stvrene
Concen: 0.675 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.01 min
Lab File: VX018183.D
Acq: 01 Sep 2020 11:51

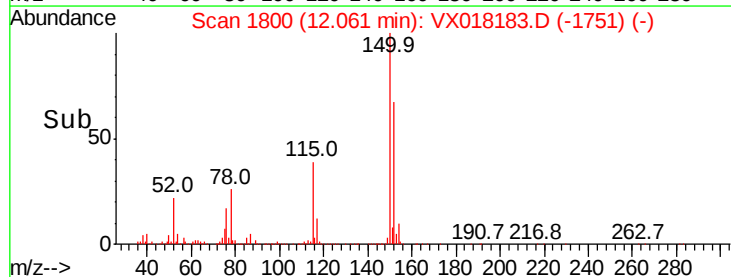
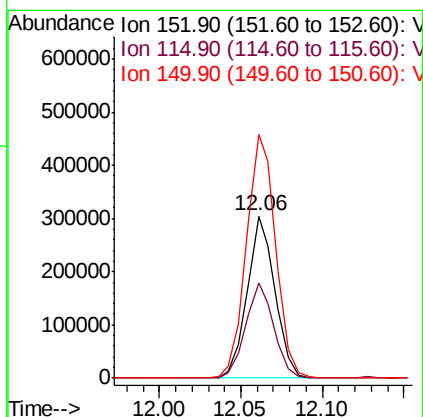
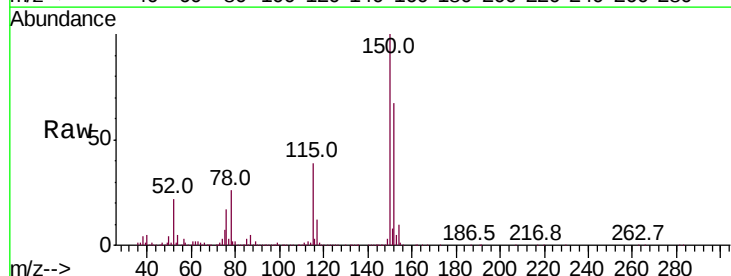
Instrument :
MSVOA_X
ClientSampleId :
40617DL

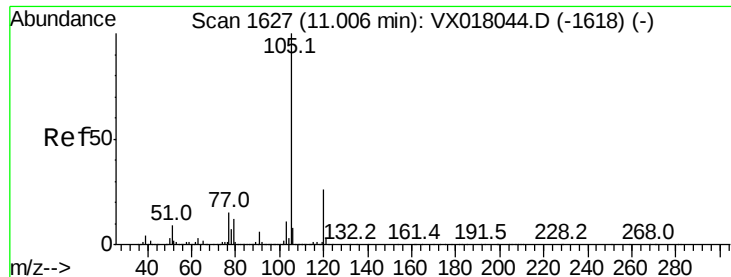
Tot Ion	Ratio	Lower	Upper
104	100		
78	223.8	40.9	61.3#
103	198.5	43.6	65.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018183.D
Acq: 01 Sep 2020 11:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	41.5	124.5
150	158.6	0.0	343.8





#73

Isopropylbenzene

Concen: 0.268 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX018183.D

Acq: 01 Sep 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

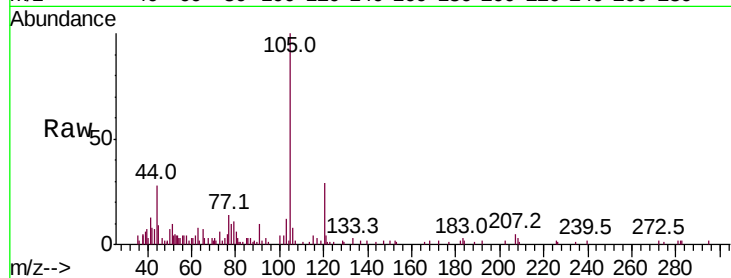
40617DL

Tot Ion:105 Resp: 6363

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

5000

4000

3000

2000

1000

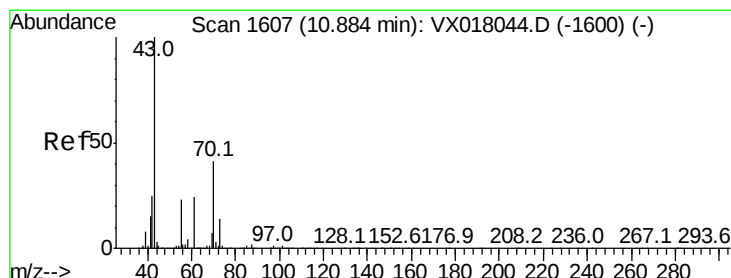
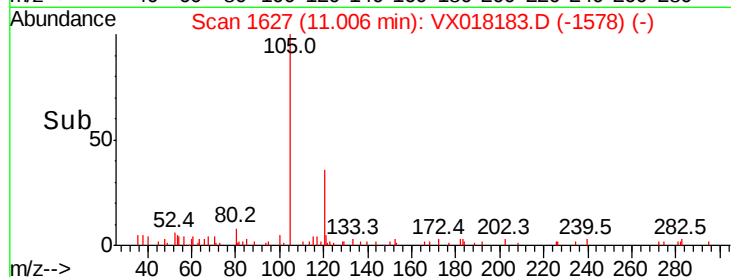
0

Time-->

10.95

11.00

11.05



#74

N-ethyl acetate

Concen: 0.497 ug/l

RT: 10.80 min Scan# 1594

Delta R.T. -0.08 min

Lab File: VX018183.D

Acq: 01 Sep 2020 11:51

Tgt Ion: 43 Resp: 5608

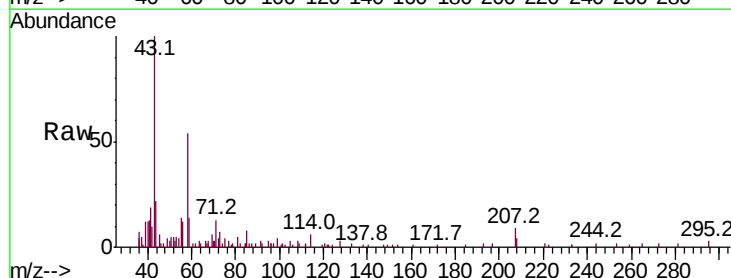
Ion Ratio Lower Upper

43 100

70 0.0 32.3 48.5#

55 0.0 18.2 27.2#

61 0.0 18.9 28.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

6000

4000

2000

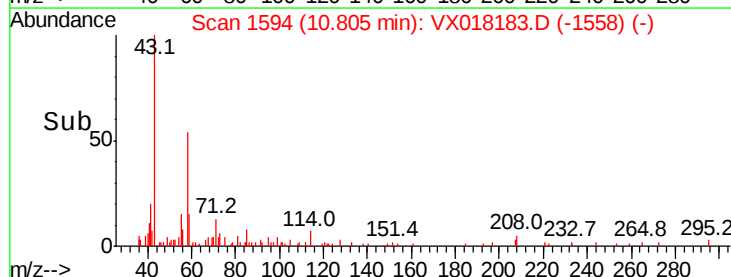
0

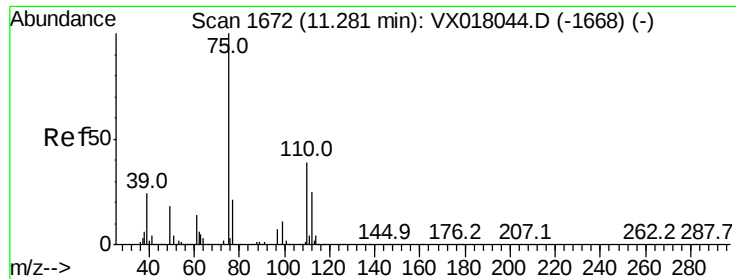
Time-->

10.75

10.80

10.85





#76

1,2,3-Trichloropropane

Concen: 23.236 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018183.D

Acq: 01 Sep 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

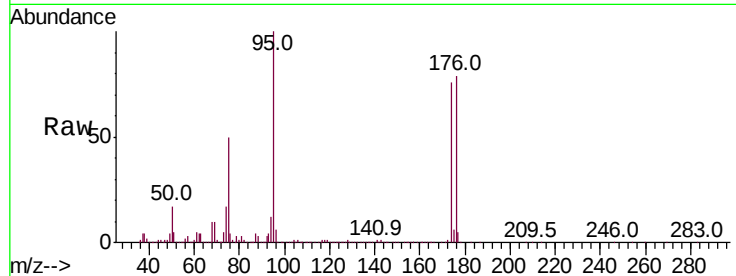
40617DL

Tot Ion: 75 Resp: 186271

Ion Ratio Lower Upper

75 100

77 1.4 20.8 62.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.12

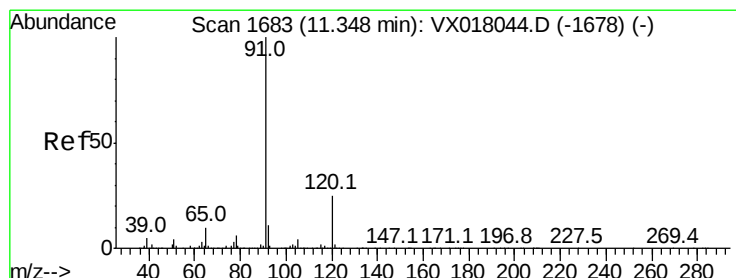
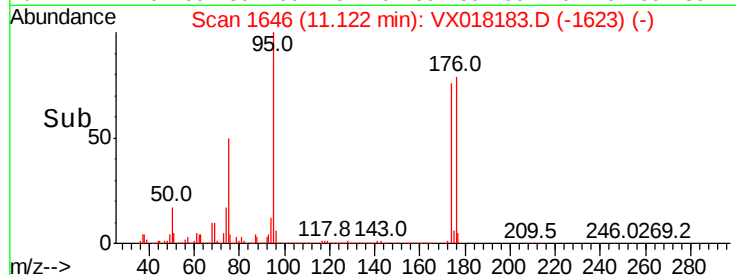
150000

100000

50000

0

Time-->



#78

n-propylbenzene

Concen: 0.473 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018183.D

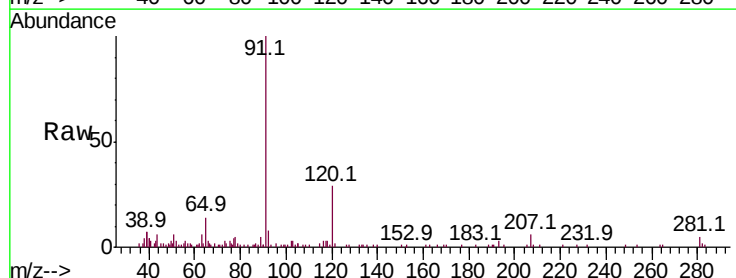
Acq: 01 Sep 2020 11:51

Tgt Ion: 91 Resp: 12773

Ion Ratio Lower Upper

91 100

120 25.6 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

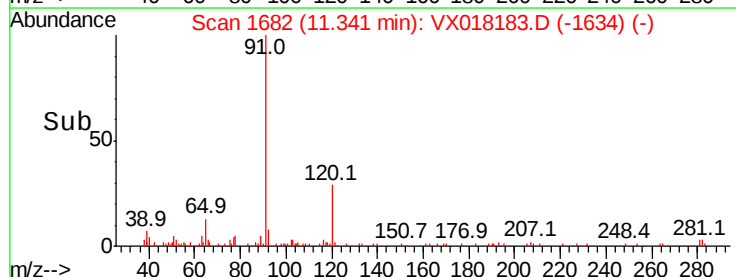
11.34

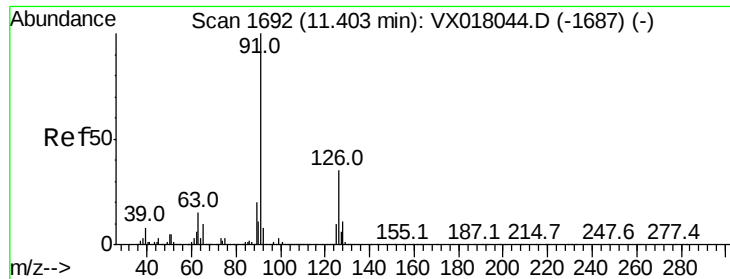
10000

5000

0

Time-->

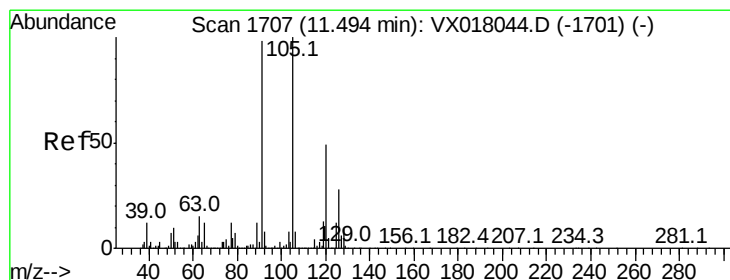
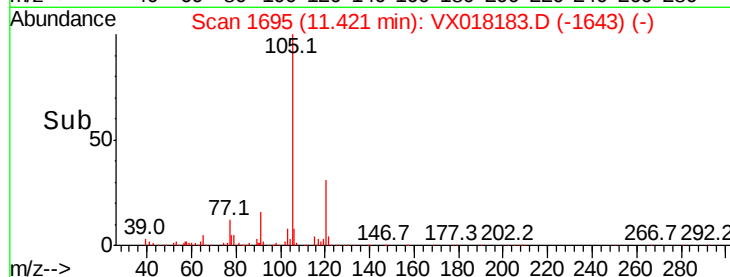
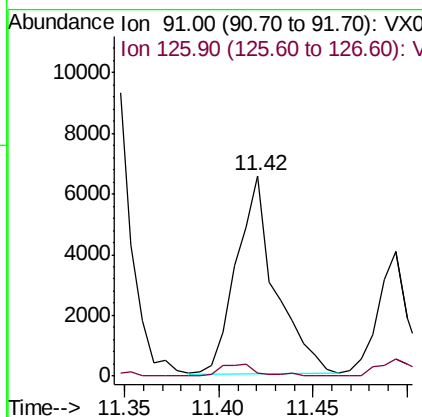
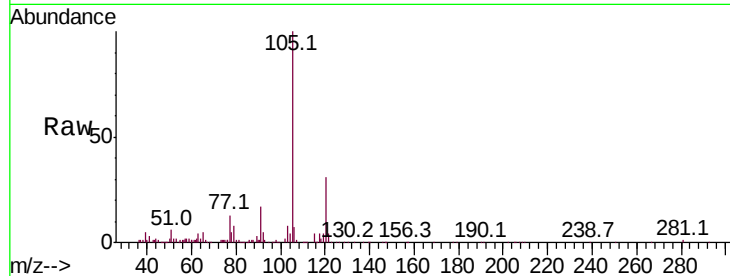




#79
2-Chlorotoluene
Concen: 0.563 ug/l
RT: 11.42 min Scan# 1695
Delta R.T. 0.02 min
Lab File: VX018183.D
Acq: 01 Sep 2020 11:51

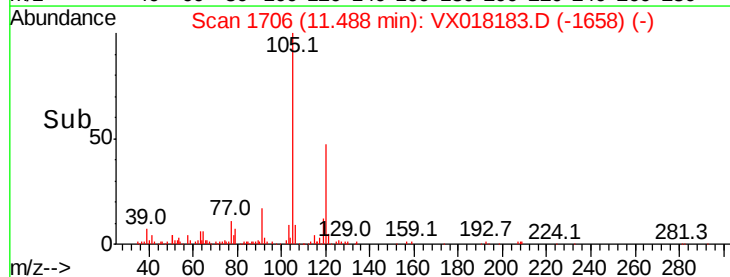
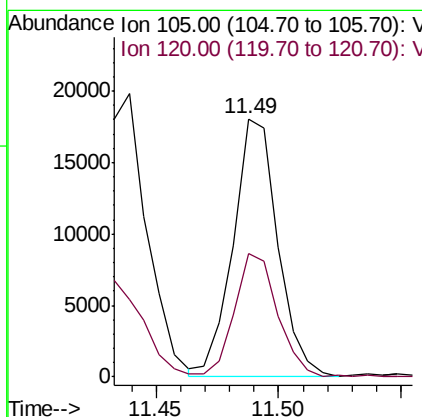
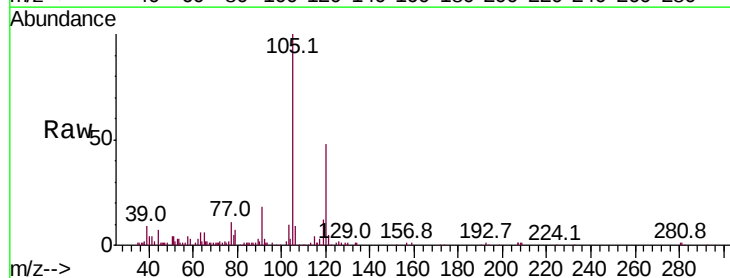
Instrument :
MSVOA_X
ClientSampled :
40617DL

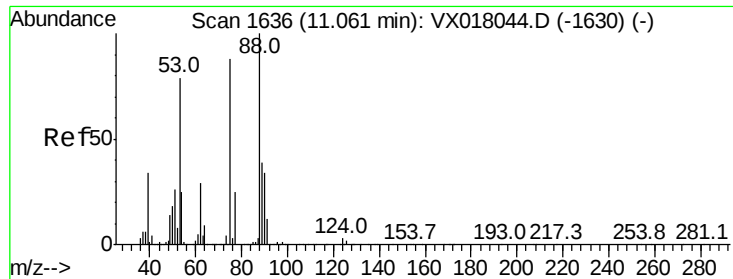
Tot Ion: 91 Resp: 9389
Ion Ratio Lower Upper
91 100
126 5.6 17.4 52.2#



#80
1,3,5-Trimethylbenzene
Concen: 1.179 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX018183.D
Acq: 01 Sep 2020 11:51

Tgt Ion: 105 Resp: 23020
Ion Ratio Lower Upper
105 100
120 44.8 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 62.757 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX018183.D

Acq: 01 Sep 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

40617DL

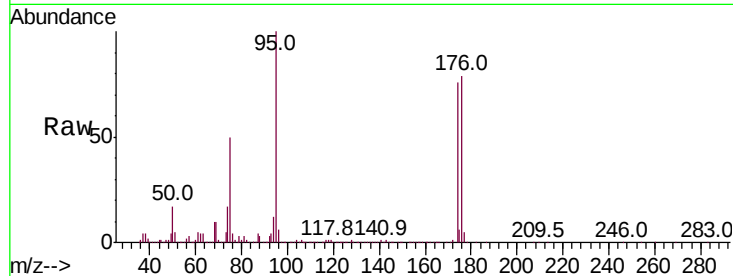
Tot Ion: 75 Resp: 186271

Ion Ratio Lower Upper

75 100

53 0.3 74.7 112.1#

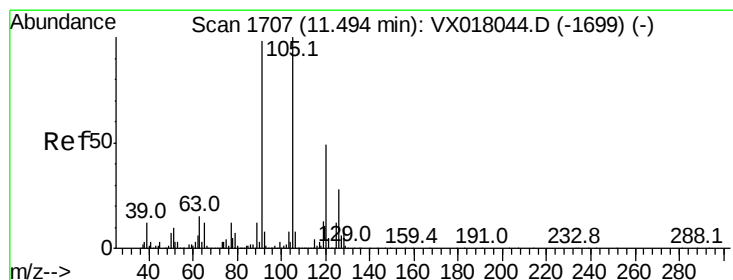
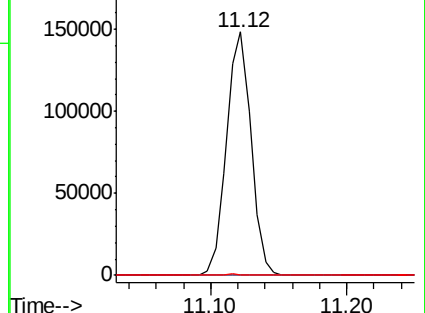
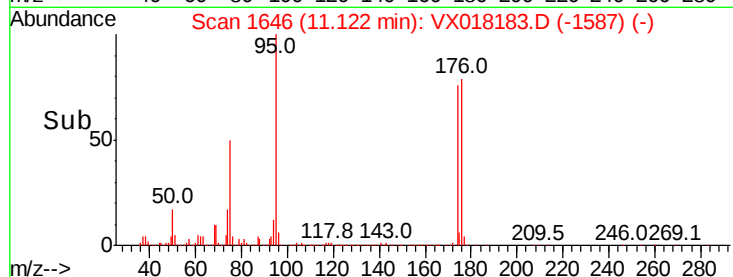
89 0.2 36.6 54.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.241 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018183.D

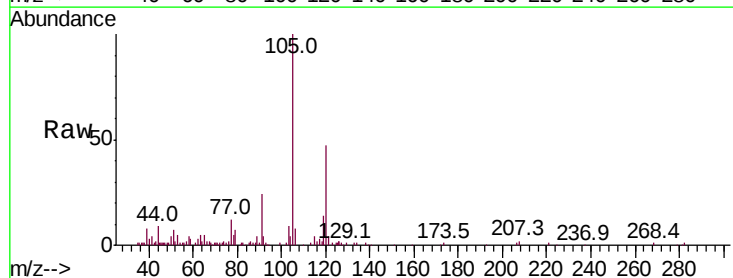
Acq: 01 Sep 2020 11:51

Tgt Ion: 91 Resp: 4778

Ion Ratio Lower Upper

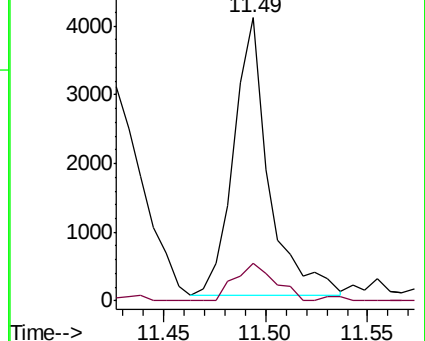
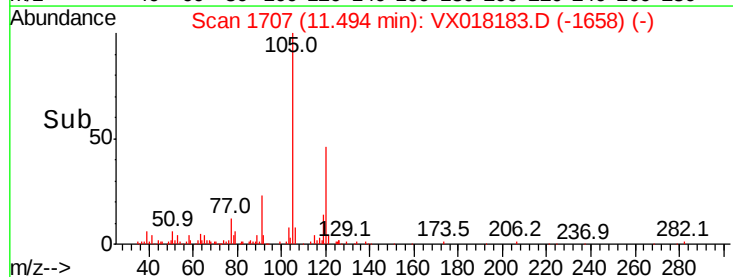
91 100

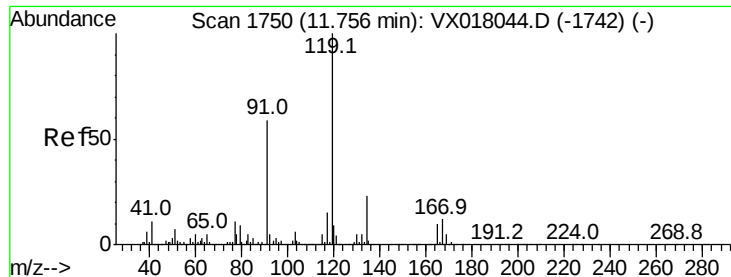
126 15.7 15.1 45.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 0.880 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.04 min

Lab File: VX018183.D

Acq: 01 Sep 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

40617DL

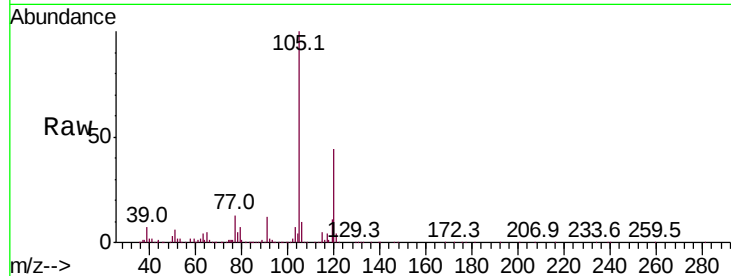
Tot Ion:119 Resp: 16959

Ion Ratio Lower Upper

119 100

91 89.8 28.2 84.7#

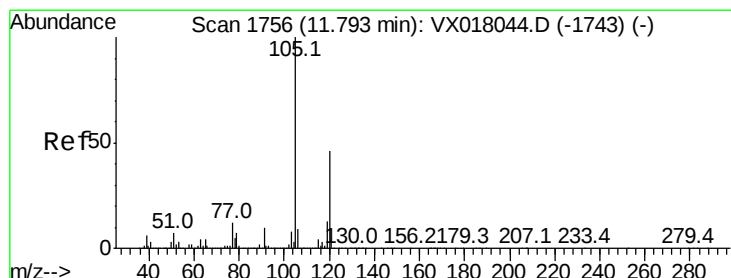
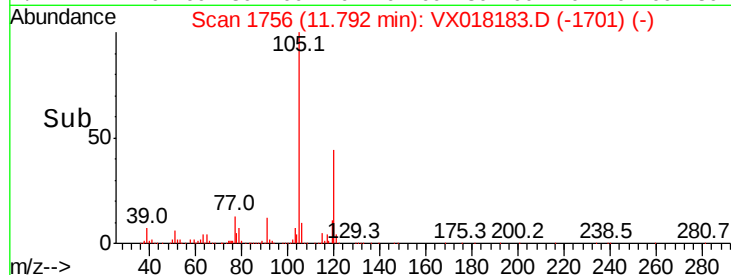
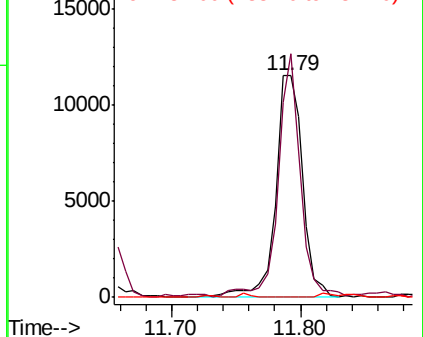
134 0.0 11.3 33.8#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 6.264 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018183.D

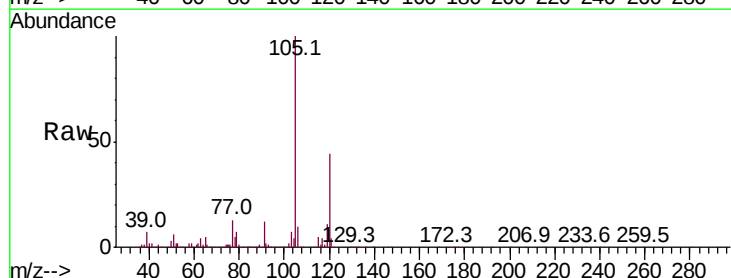
Acq: 01 Sep 2020 11:51

Tgt Ion:105 Resp: 125103

Ion Ratio Lower Upper

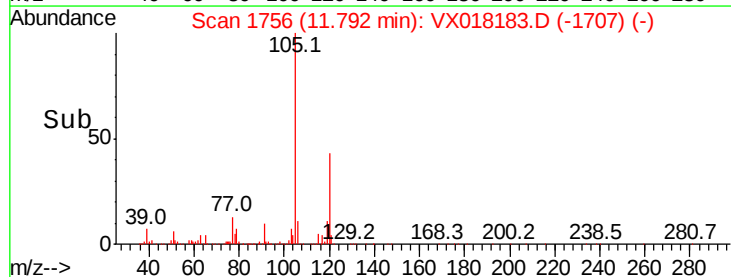
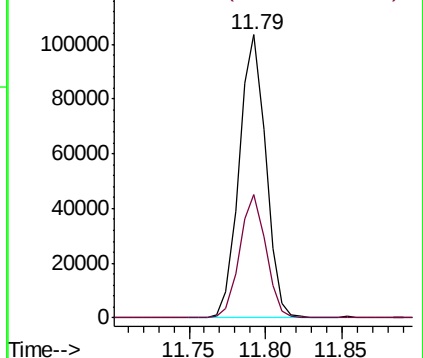
105 100

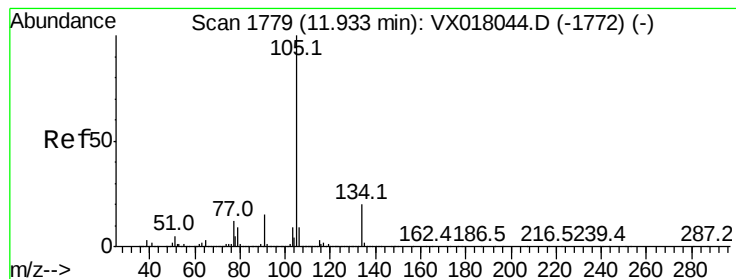
120 43.4 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 5.707 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.14 min

Lab File: VX018183.D

Acq: 01 Sep 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

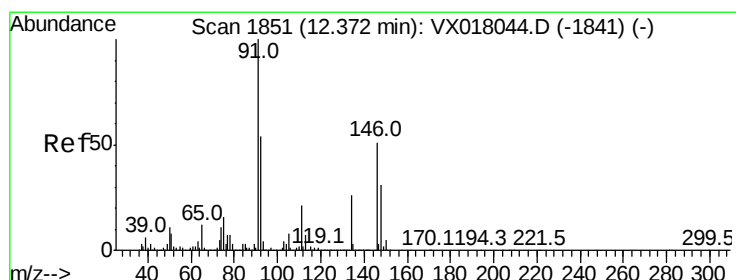
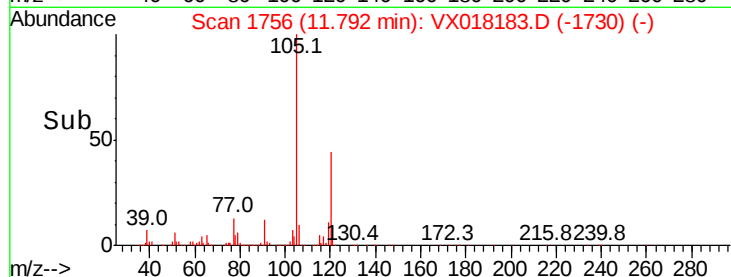
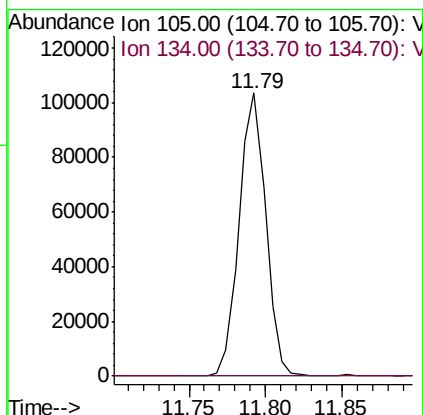
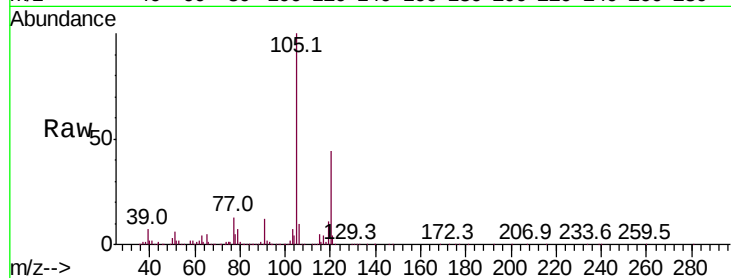
40617DL

Tot Ion:105 Resp: 125103

Ion Ratio Lower Upper

105 100

134 0.0 10.1 30.3#



#89

n-Butylbenzene

Concen: 0.333 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX018183.D

Acq: 01 Sep 2020 11:51

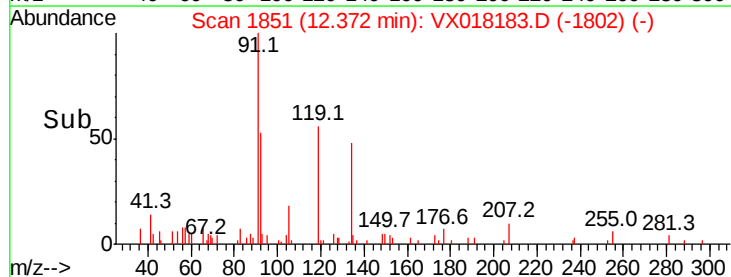
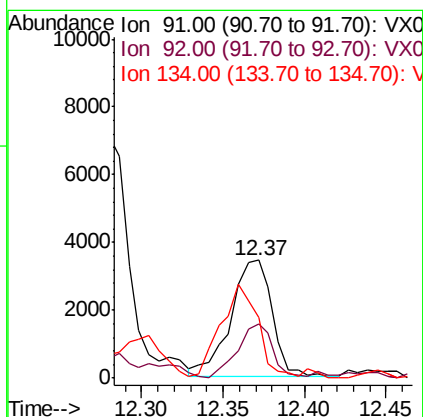
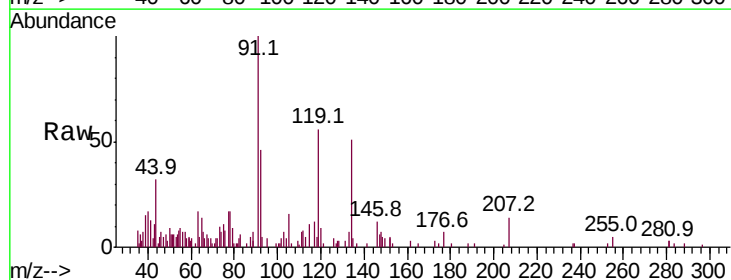
Tgt Ion: 91 Resp: 6129

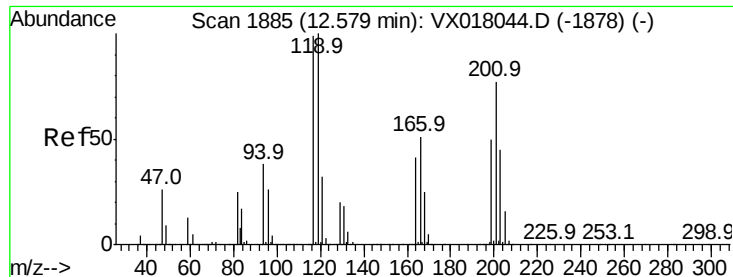
Ion Ratio Lower Upper

91 100

92 39.3 26.4 79.2

134 69.0 12.9 38.7#





#90

Hexachloroethane

Concen: 0.502 ug/l

RT: 12.65 min Scan# 1896

Delta R.T. 0.07 min

Lab File: VX018183.D

Acq: 01 Sep 2020 11:51

Instrument :

MSVOA_X

ClientSampled :

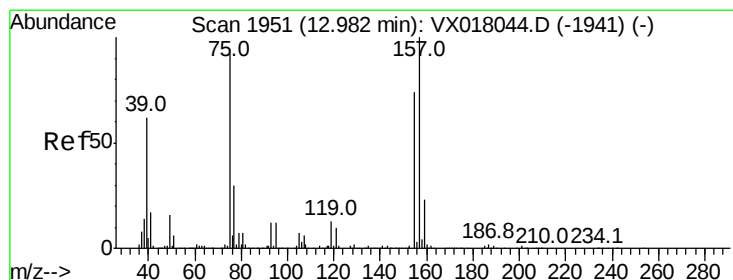
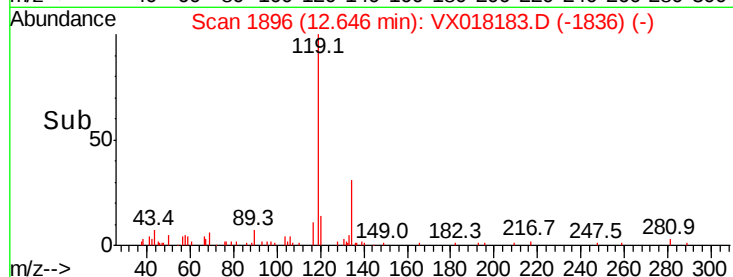
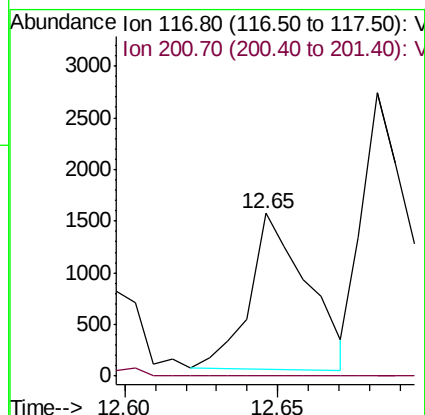
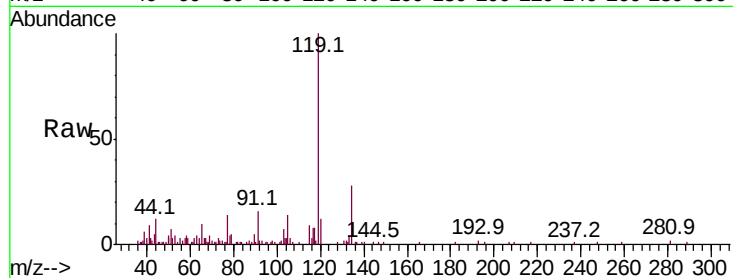
40617DL

Tot Ion:117 Resp: 1987

Ion Ratio Lower Upper

117 100

201 0.0 38.5 115.3#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.278 ug/l

RT: 13.01 min Scan# 1955

Delta R.T. 0.02 min

Lab File: VX018183.D

Acq: 01 Sep 2020 11:51

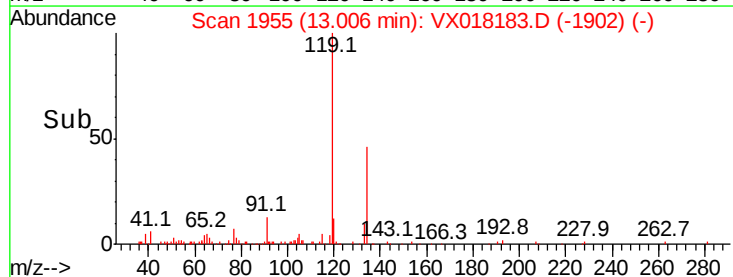
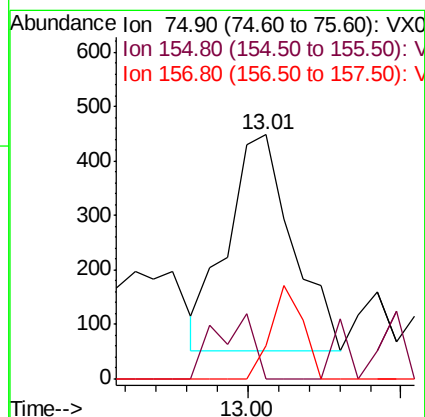
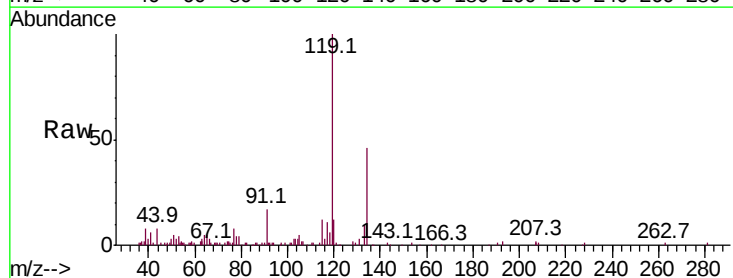
Tgt Ion: 75 Resp: 583

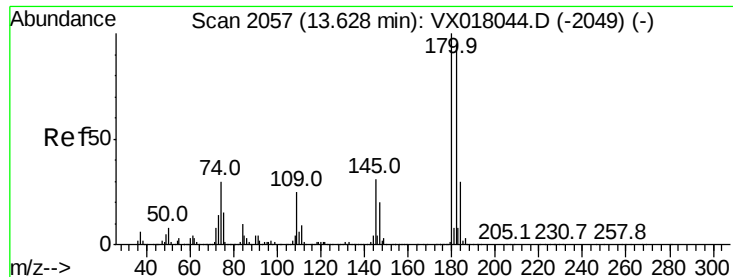
Ion Ratio Lower Upper

75 100

155 17.7 40.2 120.6#

157 21.1 55.0 165.2#





#93

1,2,4-Trichlorobenzene

Concen: 0.304 ug/l

RT: 13.63 min Scan# 2058

Delta R.T. 0.01 min

Lab File: VX018183.D

Acq: 01 Sep 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

40617DL

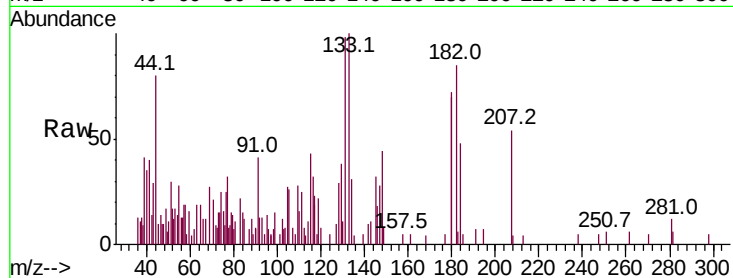
Tot Ion:180 Resp: 2203

Ion Ratio Lower Upper

180 100

182 85.9 47.5 142.6

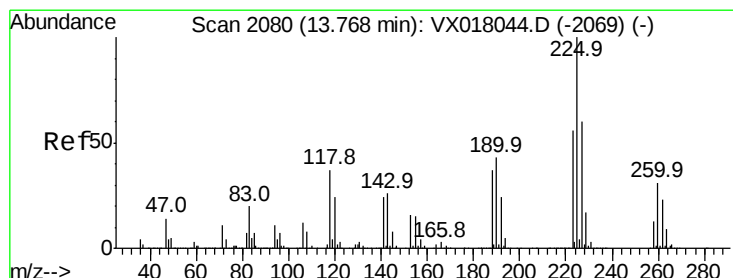
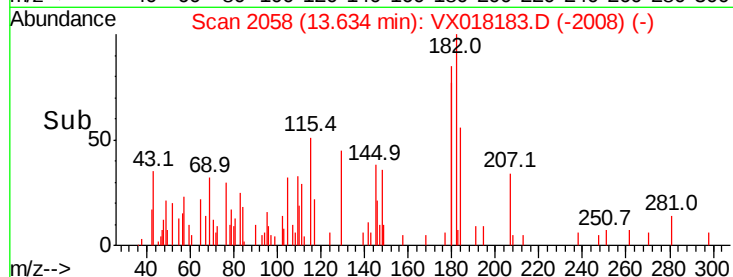
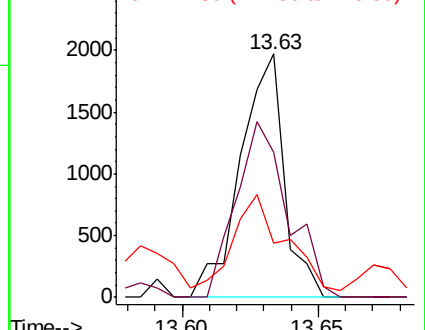
145 53.9 15.7 47.1#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 0.291 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX018183.D

Acq: 01 Sep 2020 11:51

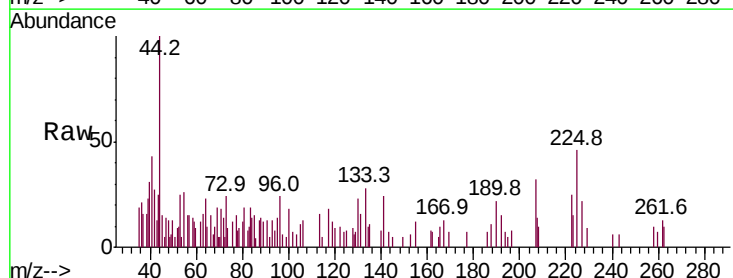
Tgt Ion:225 Resp: 831

Ion Ratio Lower Upper

225 100

223 60.3 30.7 92.1

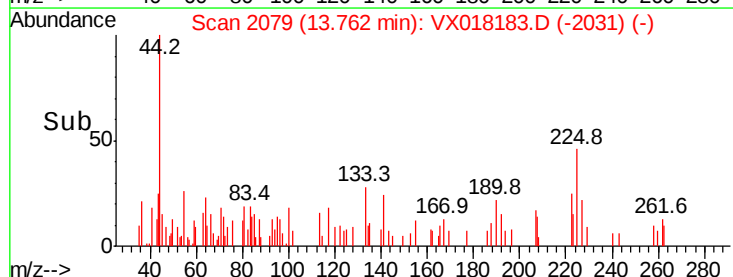
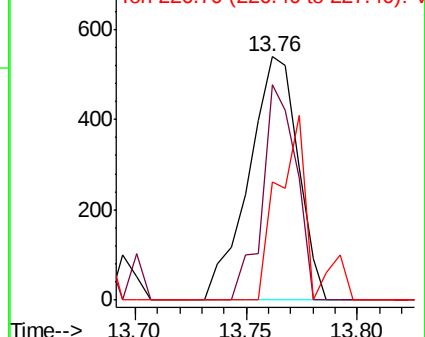
227 43.2 32.6 97.8

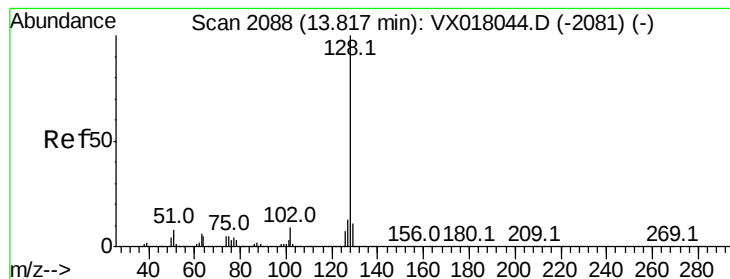


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 7.688 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018183.D

Acq: 01 Sep 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

40617DL

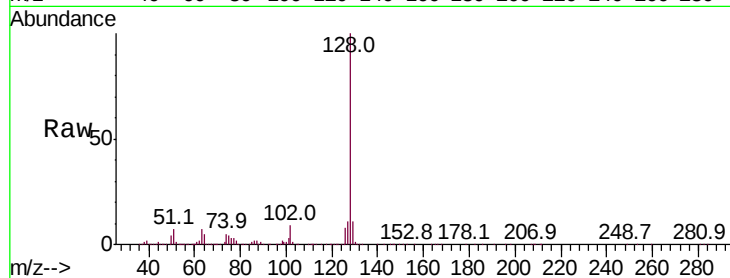
Tot Ion:128 Resp: 183208

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

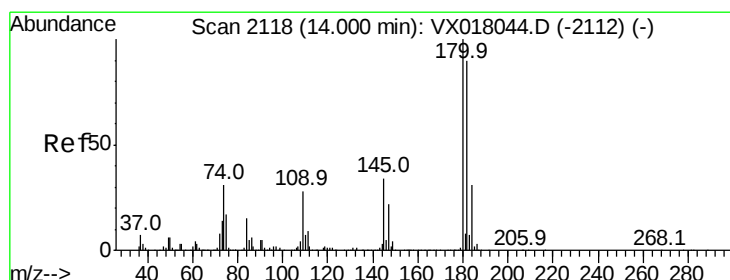
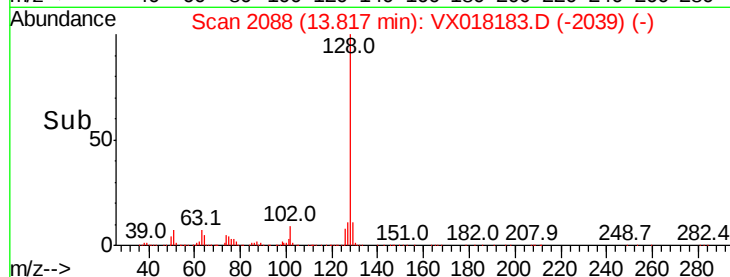
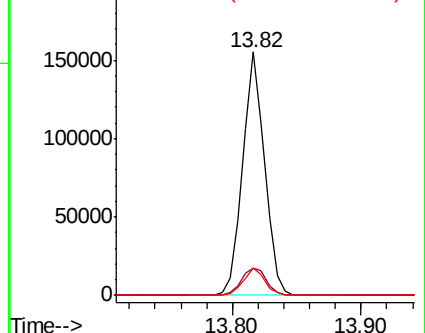
129 10.9 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 0.232 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018183.D

Acq: 01 Sep 2020 11:51

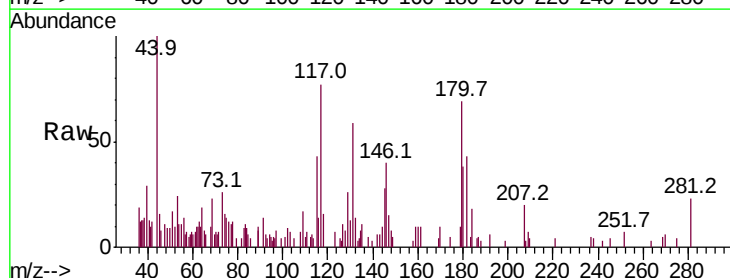
Tgt Ion:180 Resp: 1661

Ion Ratio Lower Upper

180 100

182 81.4 47.3 142.0

145 52.0 17.5 52.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

