

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091918\
 Data File : VX004700.D
 Acq On : 19 Sep 2018 12:46
 Operator : JC/MD
 Sample : J4945-01ME
 Misc : 0.62g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RB47195RTME

Quant Time: Sep 19 16:48:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	214074	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	323480	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	295899	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173079	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	126957	45.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.98%	
35) Dibromofluoromethane	5.51	113	121171	40.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.86%	
50) Toluene-d8	8.71	98	431450	43.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.92%	
62) 4-Bromofluorobenzene	11.14	95	157177	44.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.72%	

Target Compounds

					Qvalue	
3) Chloromethane	1.32	50	961	0.348	ug/l	96
5) Bromomethane	1.63	94	1001	Below Cal		94
10) Methyl Iodide	2.47	142	2327	5.004	ug/l	96
11) Tert butyl alcohol	3.03	59	6755	10.256	ug/l #	74
13) Acrolein	2.30	56	270	1.038	ug/l #	49
16) Acetone	2.50	43	47161	35.006	ug/l	95
18) Methyl Acetate	2.81	43	51406	13.600	ug/l	100
20) Methylene Chloride	2.84	84	1201	0.435	ug/l #	82
25) 2-Butanone	4.77	43	5591	2.608	ug/l #	86
36) 1,1-Dichloropropene	5.66	75	14392	3.665	ug/l #	49
37) Ethyl Acetate	4.77	43	5591	1.252	ug/l #	75
38) Carbon Tetrachloride	5.65	117	18459	4.812	ug/l #	15
43) Isopropyl Acetate	6.50	43	5783	0.975	ug/l #	59
52) Toluene	8.79	92	4424	0.644	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.34	63	76	7.306	ug/l #	45
69) o-Xylene	10.90	106	32173	7.269	ug/l #	1
70) Styrene	10.90	104	18351	2.503	ug/l #	1
73) Isopropylbenzene	11.03	105	5394748	473.273	ug/l #	58
74) N-amyl acetate	10.90	43	101595	21.175	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	11.23	83	2297	0.625	ug/l #	25
76) 1,2,3-Trichloropropane	11.14	75	72498	20.820	ug/l #	35
78) n-propylbenzene	11.30	91	31770	2.424	ug/l #	57
79) 2-Chlorotoluene	11.49	91	115035	14.472	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.49	105	10223	1.067	ug/l	65
81) trans-1,4-Dichloro-2-buten	11.04	75	147063	134.616	ug/l #	1
82) 4-Chlorotoluene	11.49	91	115035	12.399	ug/l #	44
83) tert-Butylbenzene	11.79	119	10188	1.117	ug/l #	1
84) 1,2,4-Trimethylbenzene	11.82	105	30367	3.104	ug/l #	41
85) sec-Butylbenzene	12.03	105	48960	4.211	ug/l	99
86) p-Isopropyltoluene	12.07	119	131851	12.843	ug/l	99
89) n-Butylbenzene	12.29	91	40622	4.342	ug/l #	78
90) Hexachloroethane	12.58	117	38070	23.164	ug/l #	3
93) 1,2,4-Trichlorobenzene	13.65	180	1406	0.334	ug/l	98
94) Hexachlorobutadiene	13.79	225	718	0.326	ug/l	93

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QLast Update : Wed Sep 12 02:17:23 2018
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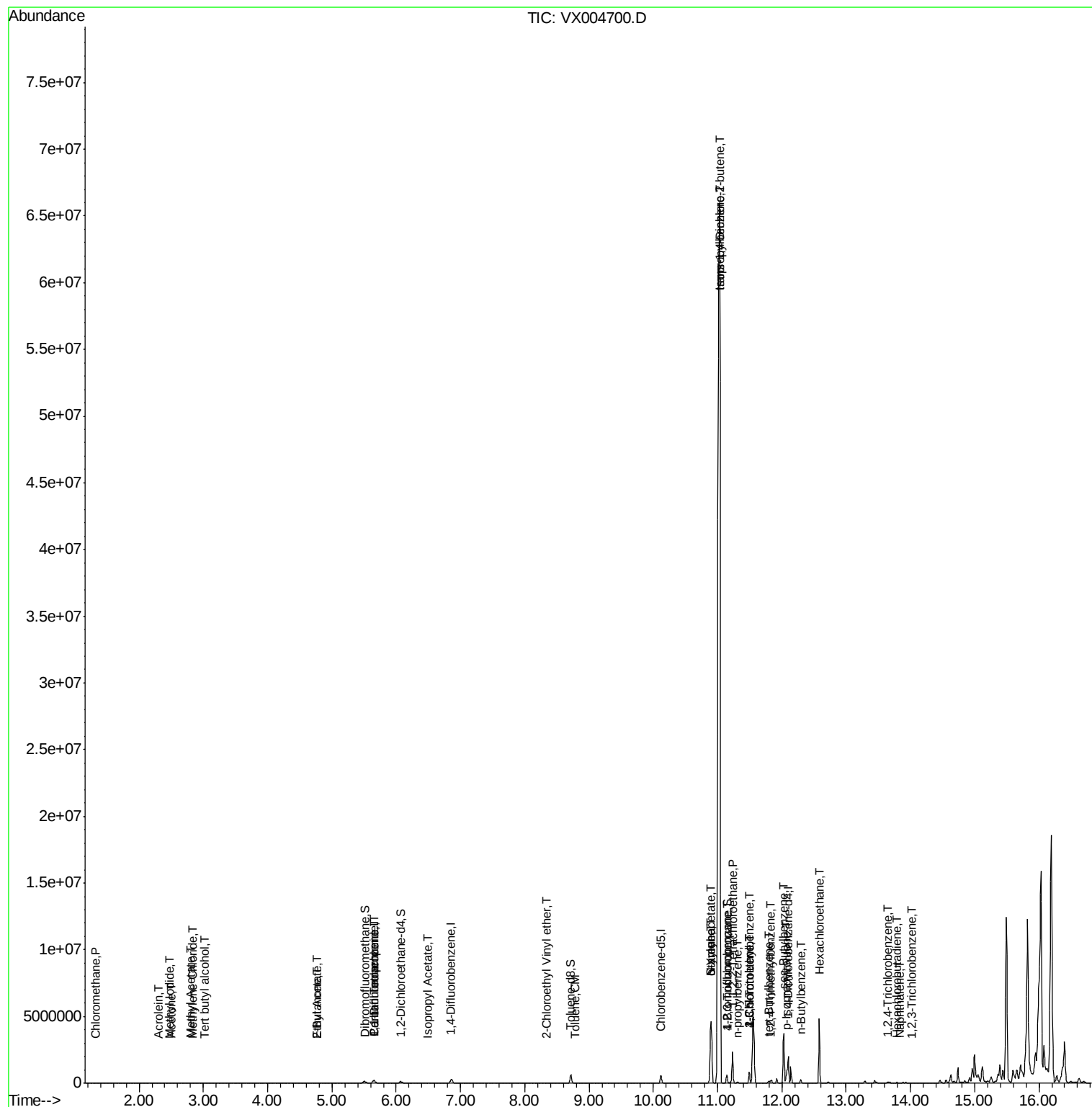
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	7232	0.612	ug/l	96
96) 1,2,3-Trichlorobenzene	14.02	180	1102	0.255	ug/l	92

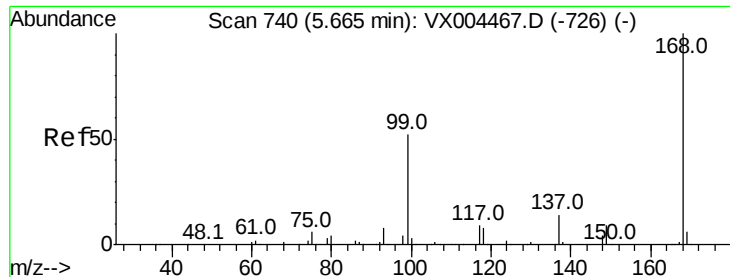
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091918\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX004700.D

Acq: 19 Sep 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

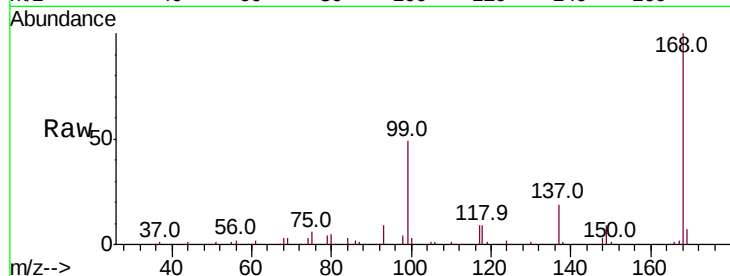
RB47195RTME

Tot Ion:168 Resp: 214074

Ion Ratio Lower Upper

168 100

99 48.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

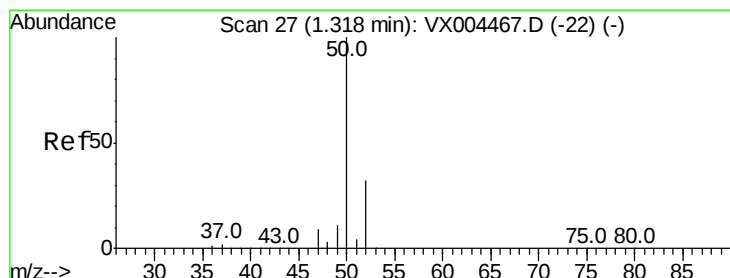
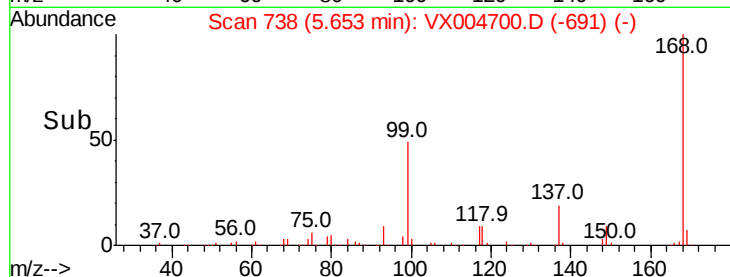
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.348 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX004700.D

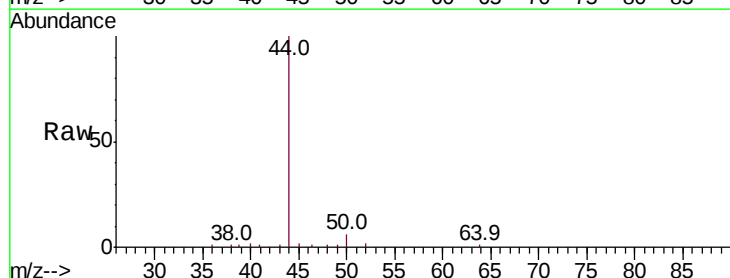
Acq: 19 Sep 2018 12:46

Tgt Ion: 50 Resp: 961

Ion Ratio Lower Upper

50 100

52 30.4 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

600

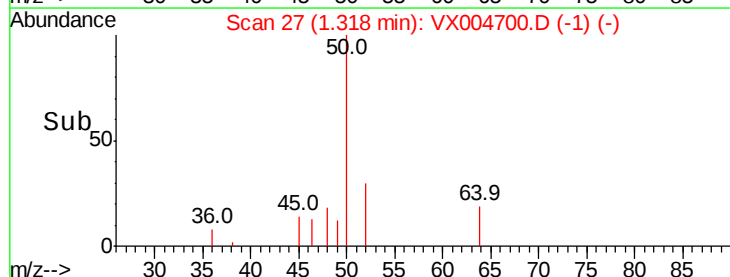
400

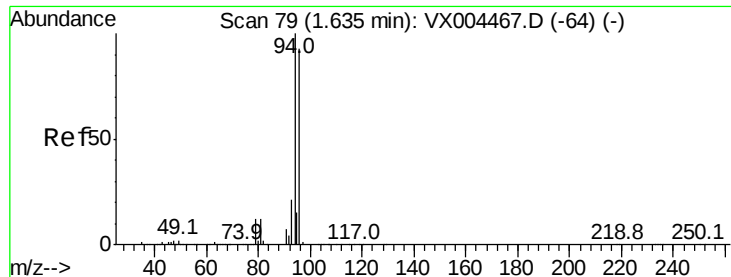
200

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 78

Delta R.T. -0.01 min

Lab File: VX004700.D

Acq: 19 Sep 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

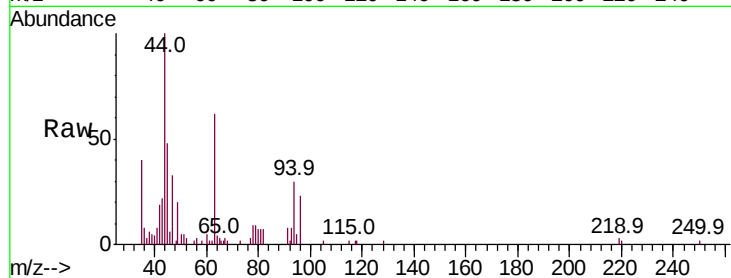
RB47195RTME

Tot Ion: 94 Resp: 1001

Ion Ratio Lower Upper

94 100

96 87.2 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1000

800

600

400

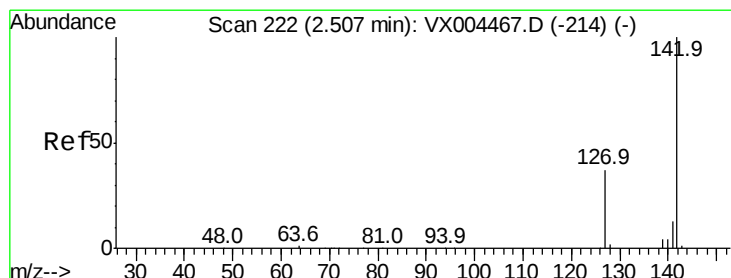
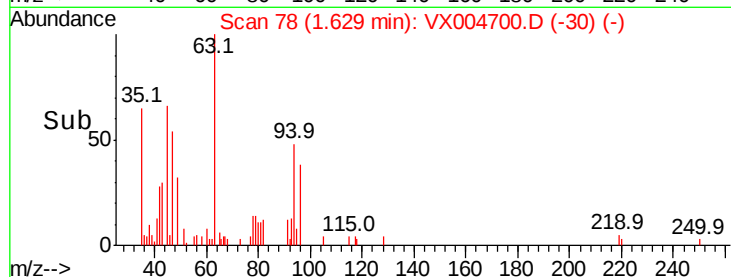
200

0

1.60

1.65

Time-->



#10

Methyl Iodide

Concen: 5.004 ug/l

RT: 2.47 min Scan# 216

Delta R.T. -0.04 min

Lab File: VX004700.D

Acq: 19 Sep 2018 12:46

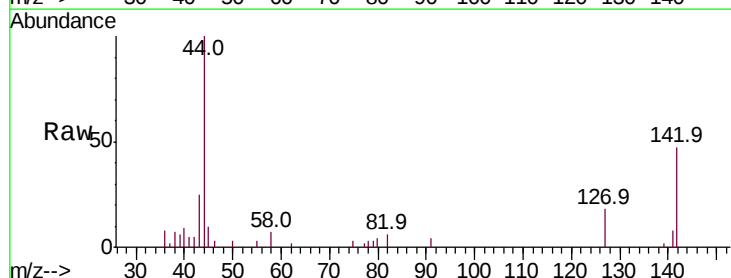
Tgt Ion: 142 Resp: 2327

Ion Ratio Lower Upper

142 100

127 39.2 33.8 50.6

141 15.0 11.4 17.0



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

1000

500

0

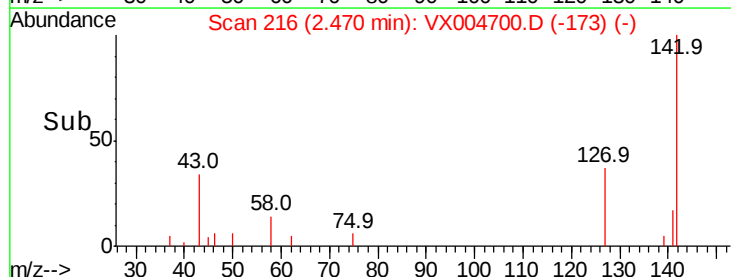
2.40

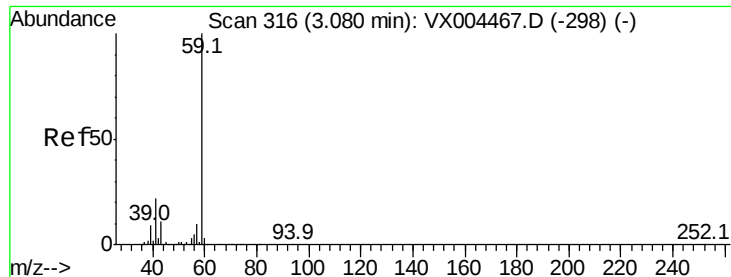
2.45

2.50

2.55

Time-->



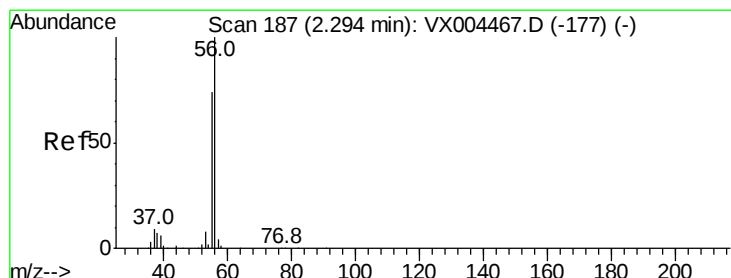
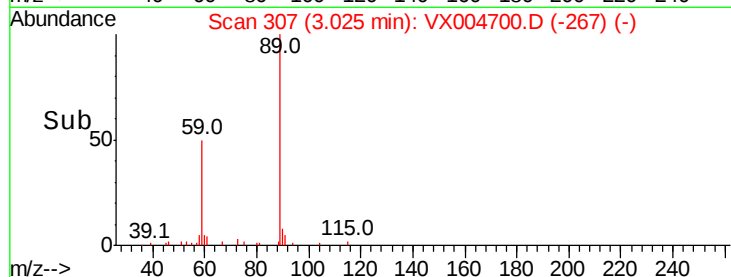
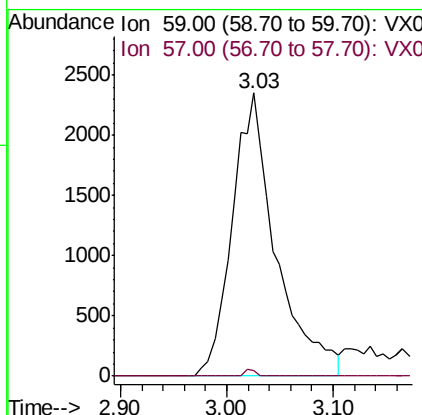
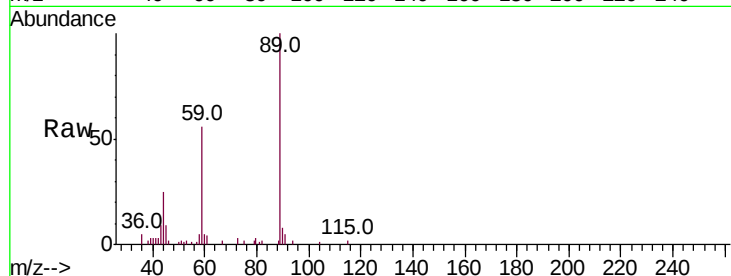


#11

Tert butyl alcohol
 Concen: 10.256 ug/l
 RT: 3.03 min Scan# 307
 Delta R.T. -0.06 min
 Lab File: VX004700.D
 Acq: 19 Sep 2018 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 RB47195RTME

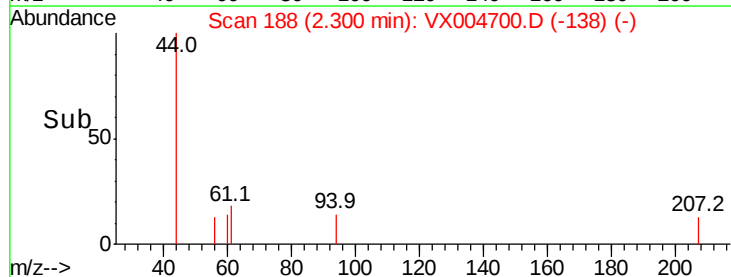
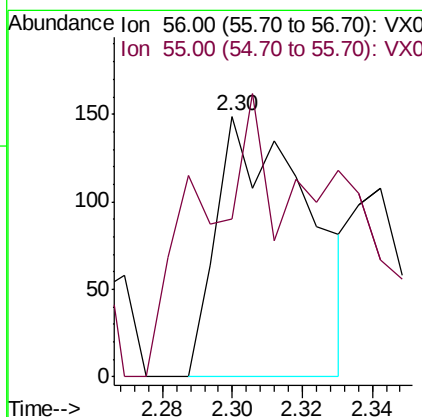
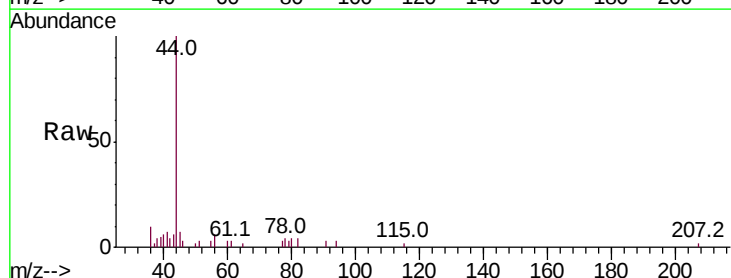
Tot Ion: 59 Resp: 6755
 Ion Ratio Lower Upper
 59 100
 57 0.6 8.2 12.4#

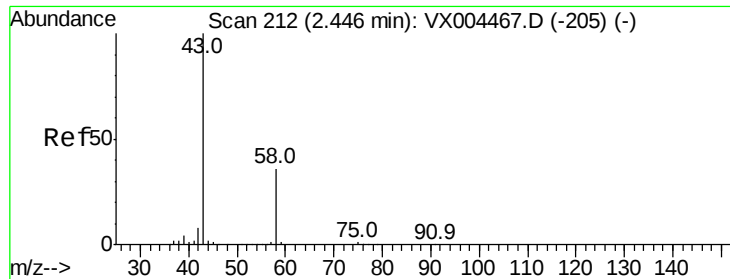


#13

Acrolein
 Concen: 1.038 ug/l
 RT: 2.30 min Scan# 188
 Delta R.T. 0.01 min
 Lab File: VX004700.D
 Acq: 19 Sep 2018 12:46

Tgt Ion: 56 Resp: 270
 Ion Ratio Lower Upper
 56 100
 55 110.0 54.7 82.1#

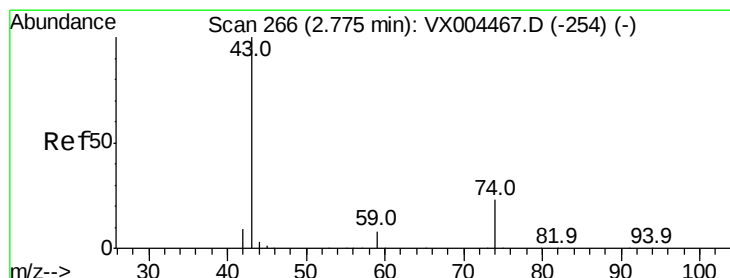
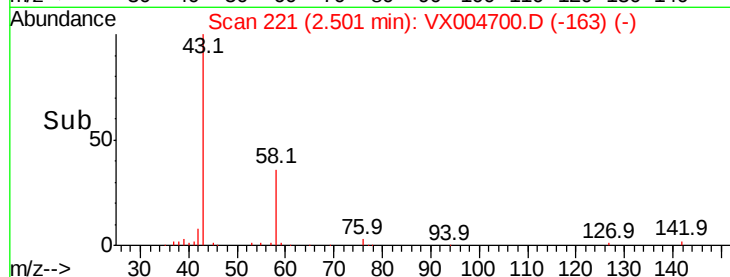
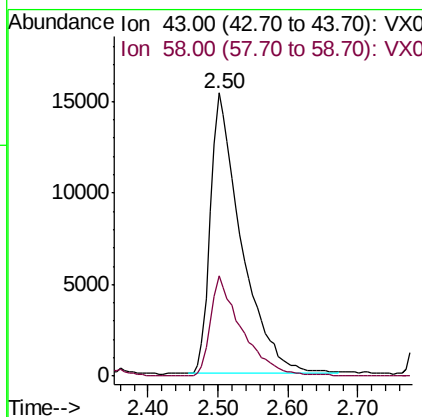
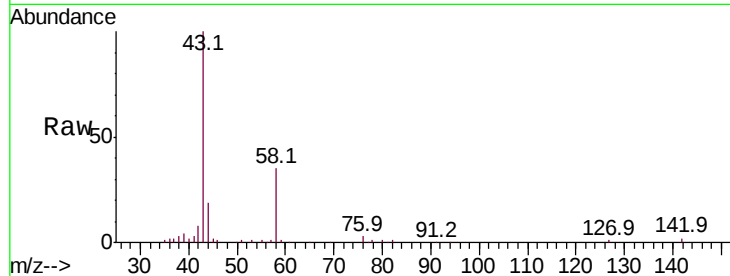




#16
Acetone
Concen: 35.006 ug/l
RT: 2.50 min Scan# 221
Delta R.T. 0.05 min
Lab File: VX004700.D
Acq: 19 Sep 2018 12:46

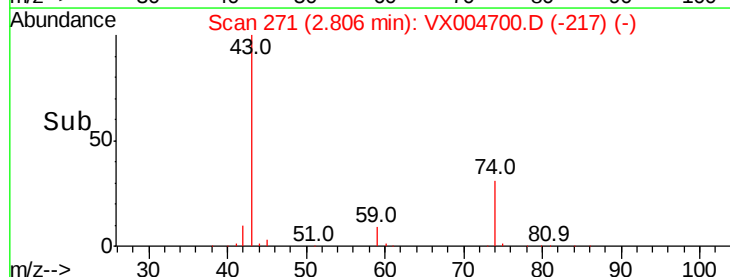
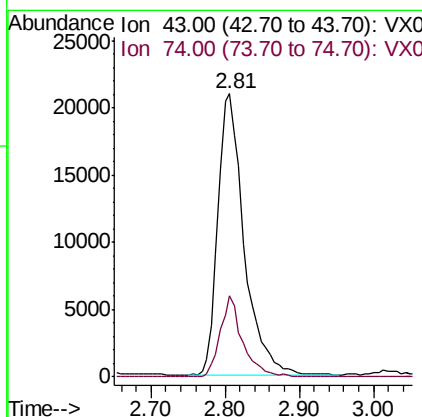
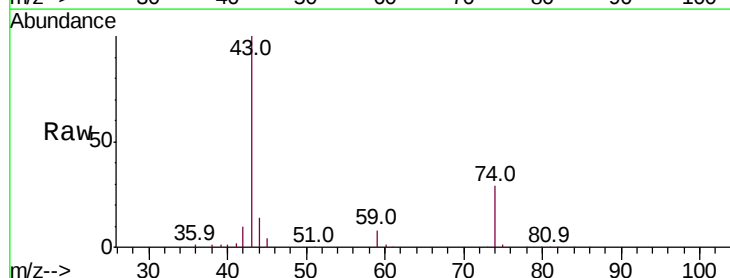
Instrument :
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ClientSampleId :
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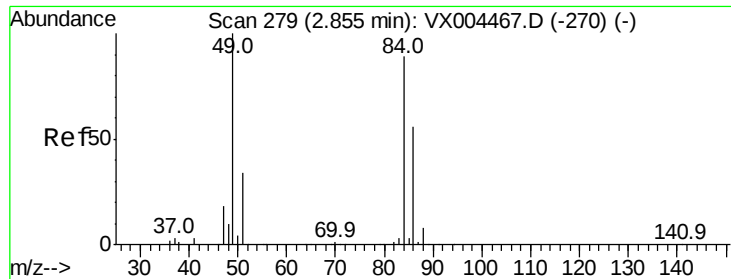
Tot Ion: 43 Resp: 47161
Ion Ratio Lower Upper
43 100
58 35.6 26.2 39.4



#18
Methyl Acetate
Concen: 13.600 ug/l
RT: 2.81 min Scan# 271
Delta R.T. 0.03 min
Lab File: VX004700.D
Acq: 19 Sep 2018 12:46

Tgt Ion: 43 Resp: 51406
Ion Ratio Lower Upper
43 100
74 24.5 19.4 29.2

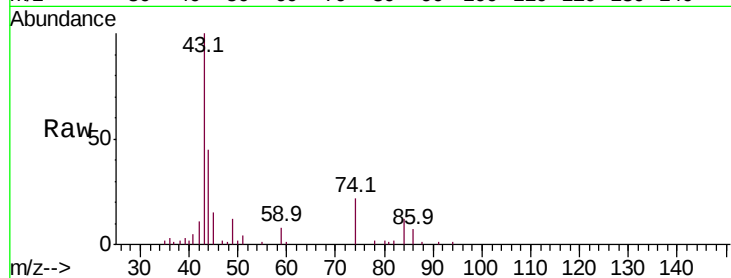




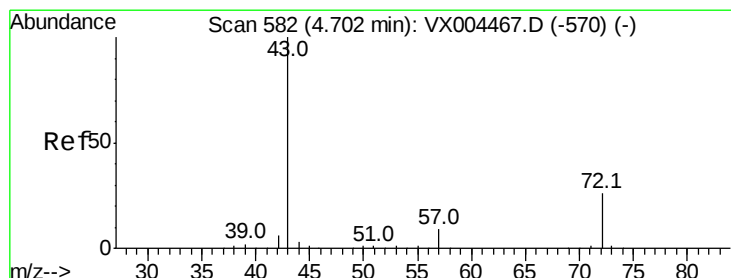
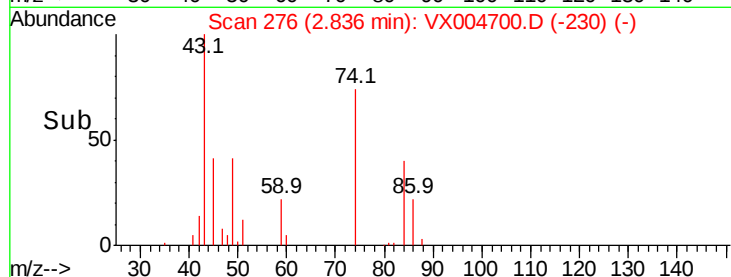
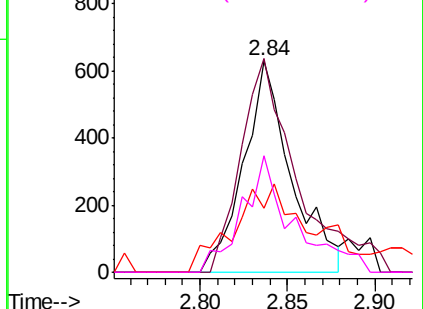
#20
Methvlene Chloride
Concen: 0.435 ug/l
RT: 2.84 min Scan# 276
Delta R.T. -0.02 min
Lab File: VX004700.D
Acq: 19 Sep 2018 12:46

Instrument :
MSVOA_X
ClientSampleId :
RB47195RTME

Tot Ion: 84 Resp: 1201
Ion Ratio Lower Upper
84 100
49 101.1 101.2 151.8#
51 30.3 29.5 44.3
86 55.4 52.3 78.5

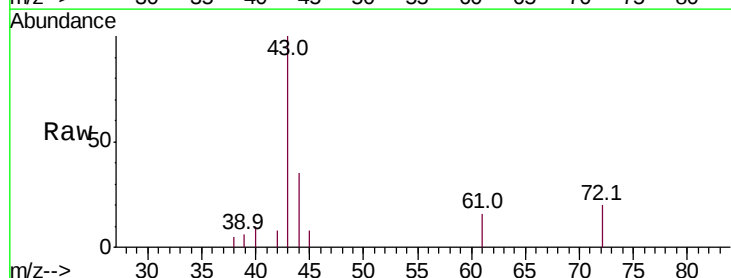


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

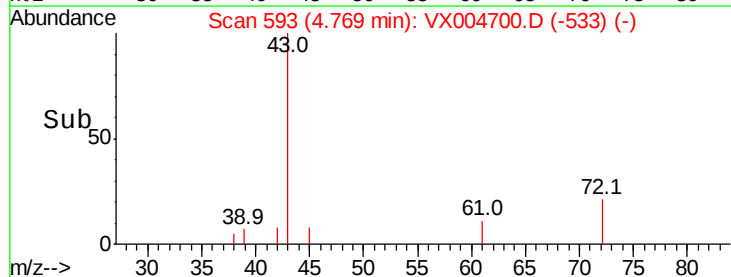
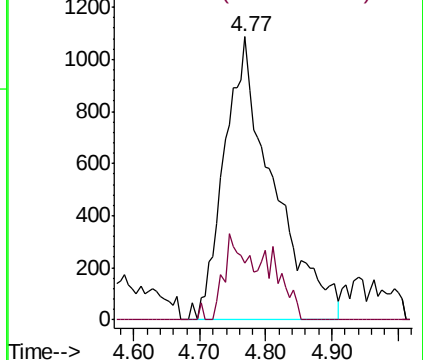


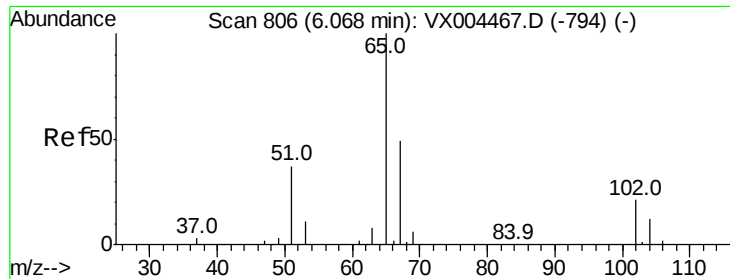
#25
2-Butanone
Concen: 2.608 ug/l
RT: 4.77 min Scan# 593
Delta R.T. 0.07 min
Lab File: VX004700.D
Acq: 19 Sep 2018 12:46

Tgt Ion: 43 Resp: 5591
Ion Ratio Lower Upper
43 100
72 20.1 22.0 33.0#



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





#33

1,2-Dichloroethane-d4

Concen: 45.994 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004700.D

Acq: 19 Sep 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

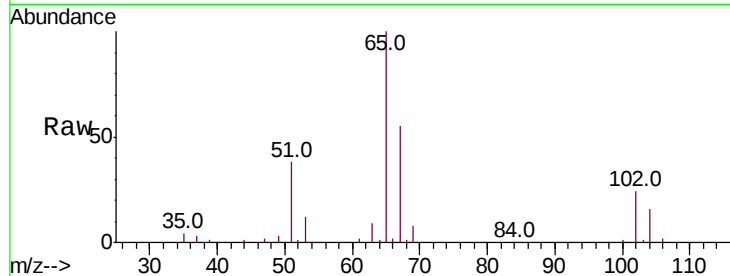
RB47195RTME

Tot Ion: 65 Resp: 126957

Ion Ratio Lower Upper

65 100

67 56.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

40000

30000

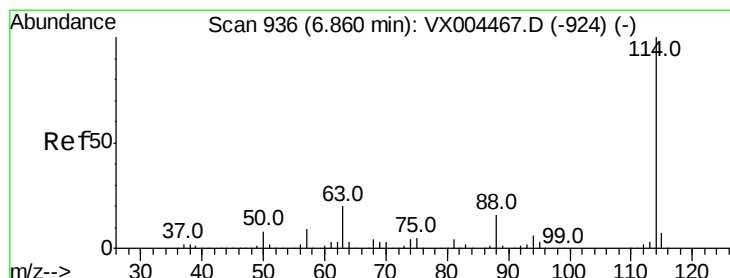
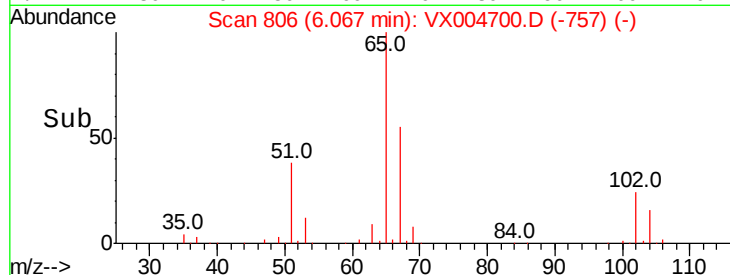
20000

10000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX004700.D

Acq: 19 Sep 2018 12:46

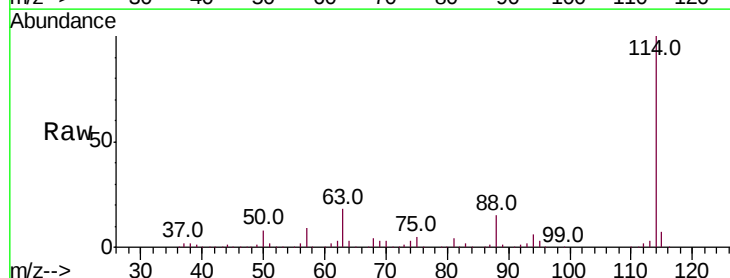
Tgt Ion:114 Resp: 323480

Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.0

88 15.3 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

150000

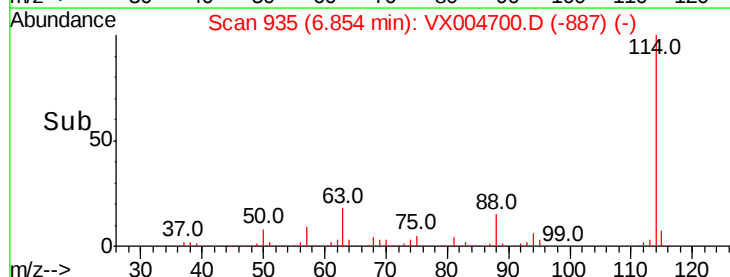
100000

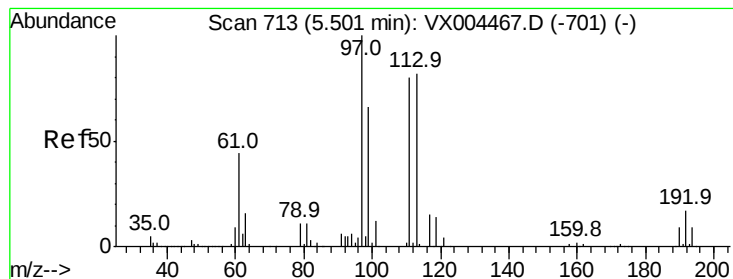
50000

0

Time-->

6.80 7.00





#35

Dibromofluoromethane

Concen: 40.934 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004700.D

Acq: 19 Sep 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

RB47195RTME

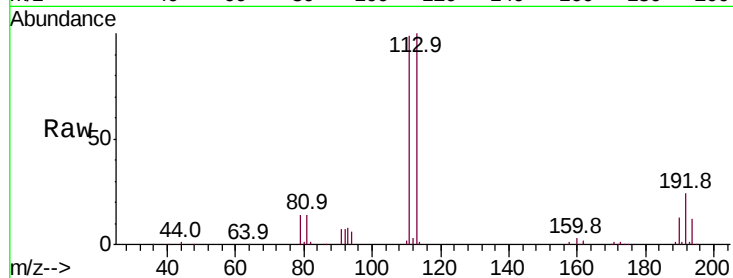
Tot Ion:113 Resp: 121171

Ion Ratio Lower Upper

113 100

111 101.7 82.4 123.6

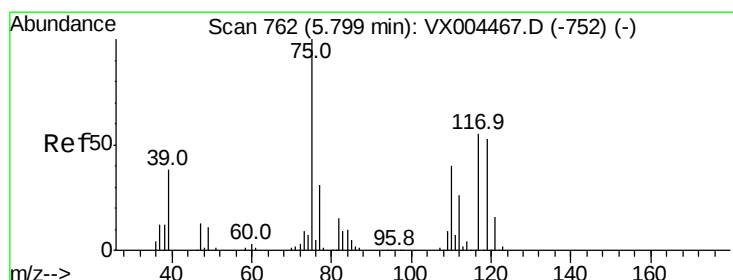
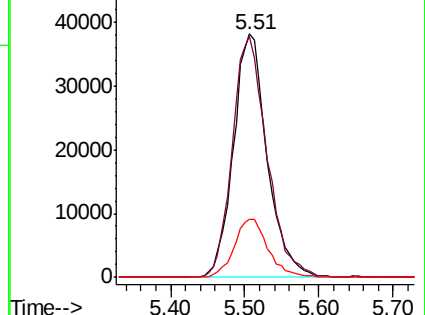
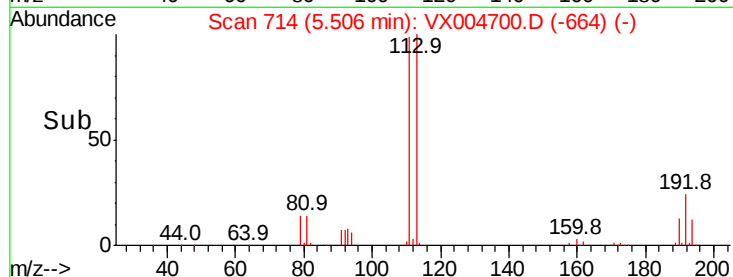
192 24.0 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 3.665 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX004700.D

Acq: 19 Sep 2018 12:46

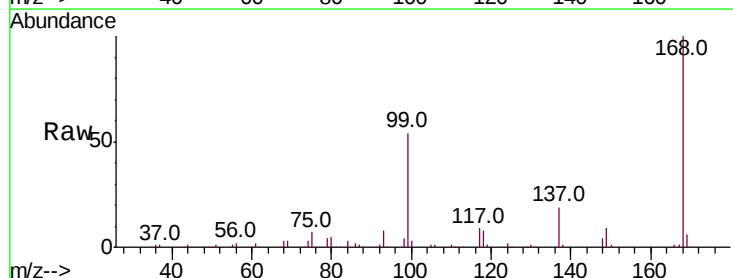
Tgt Ion: 75 Resp: 14392

Ion Ratio Lower Upper

75 100

110 8.3 18.0 54.0#

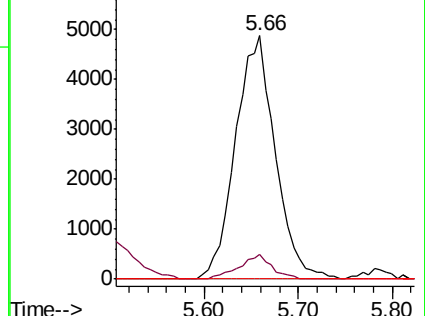
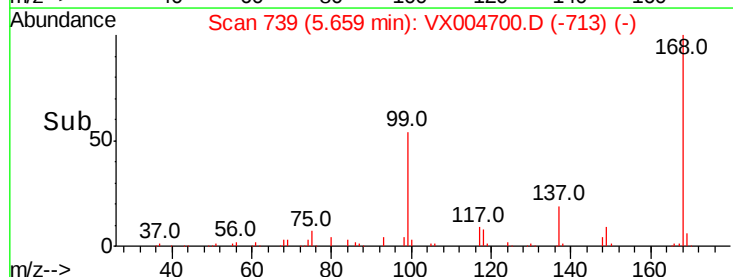
77 0.0 24.6 36.8#

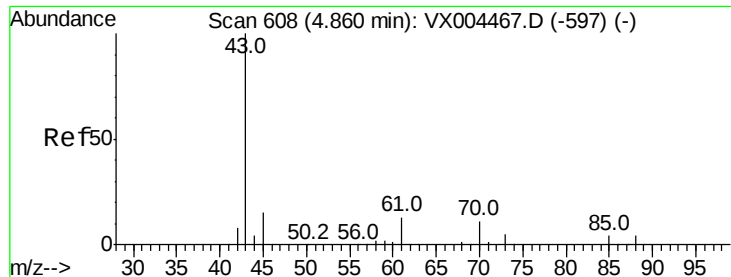


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 1.252 ug/l

RT: 4.77 min Scan# 593

Delta R.T. -0.09 min

Lab File: VX004700.D

Acq: 19 Sep 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

RB47195RTME

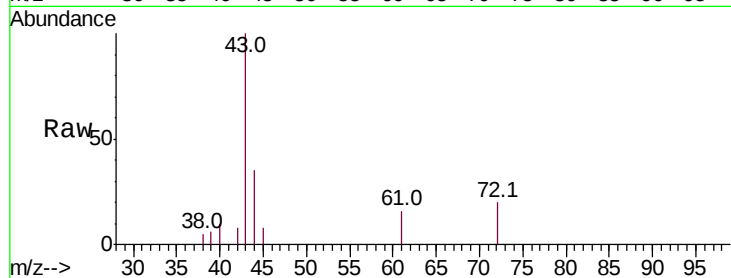
Tot Ion: 43 Resp: 5591

Ion Ratio Lower Upper

43 100

61 5.6 11.5 17.3#

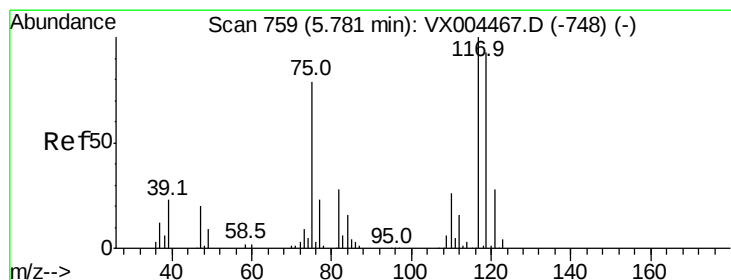
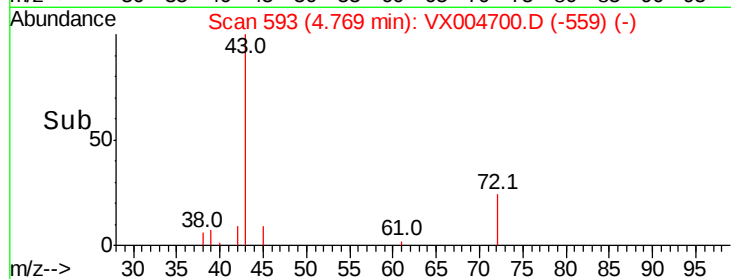
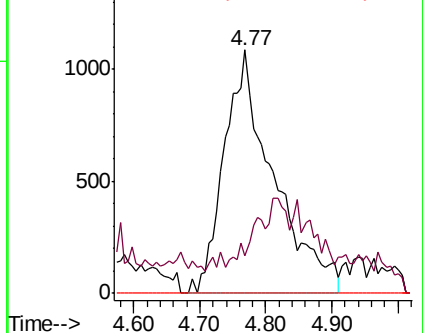
70 0.0 9.0 13.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 4.812 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX004700.D

Acq: 19 Sep 2018 12:46

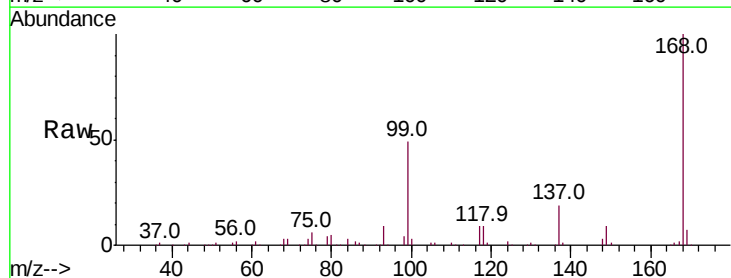
Tgt Ion: 117 Resp: 18459

Ion Ratio Lower Upper

117 100

119 5.4 78.8 118.2#

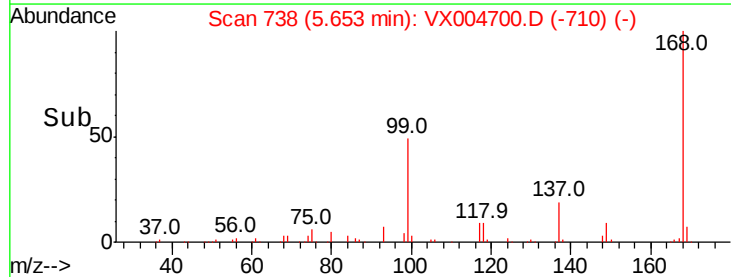
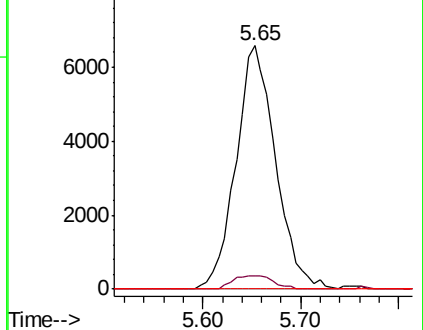
121 0.0 24.9 37.3#

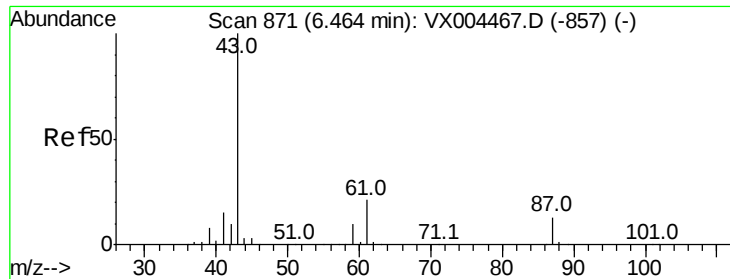


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 0.975 ug/l

RT: 6.50 min Scan# 877

Delta R.T. 0.04 min

Lab File: VX004700.D

Acq: 19 Sep 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

RB47195RTME

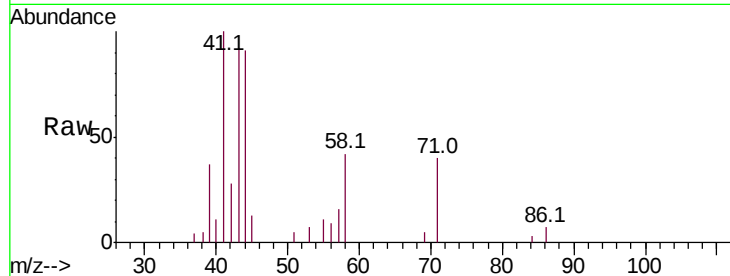
Tot Ion: 43 Resp: 5783

Ion Ratio Lower Upper

43 100

61 0.0 17.0 25.4#

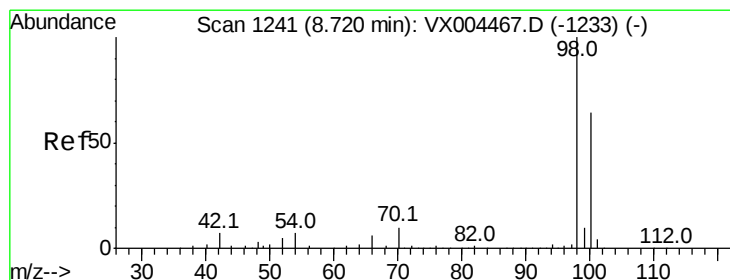
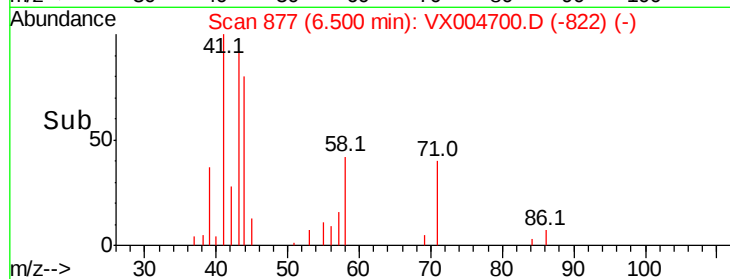
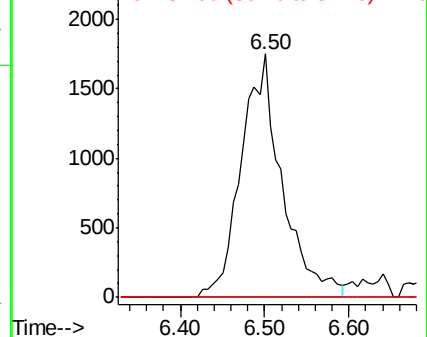
87 0.0 11.4 17.2#



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



#50

Toluene-d8

Concen: 43.463 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004700.D

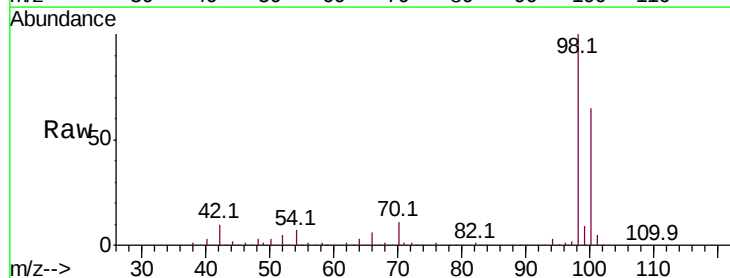
Acq: 19 Sep 2018 12:46

Tgt Ion: 98 Resp: 431450

Ion Ratio Lower Upper

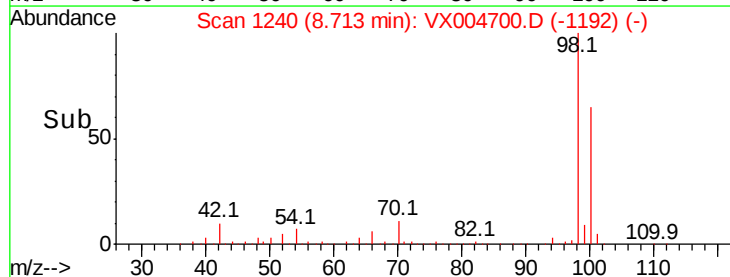
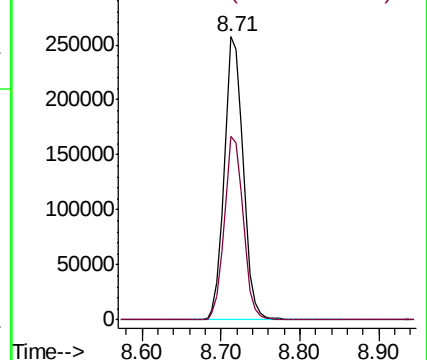
98 100

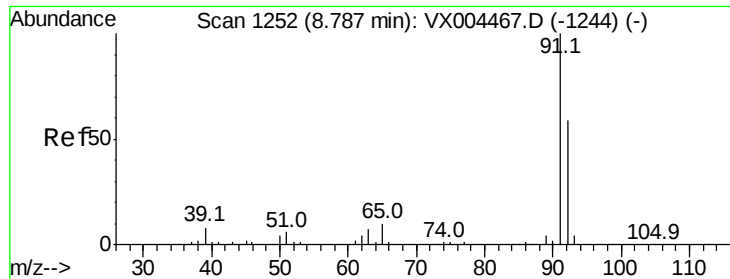
100 65.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 0.644 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004700.D

Acq: 19 Sep 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

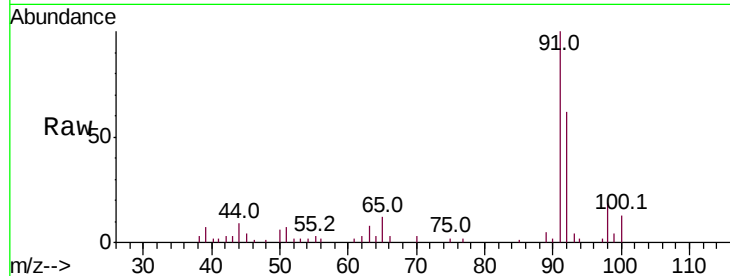
RB47195RTME

Tot Ion: 92 Resp: 4424

Ion Ratio Lower Upper

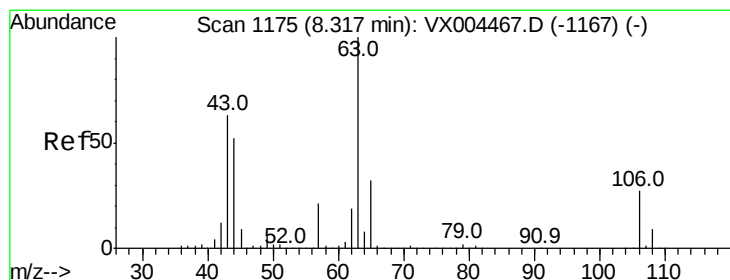
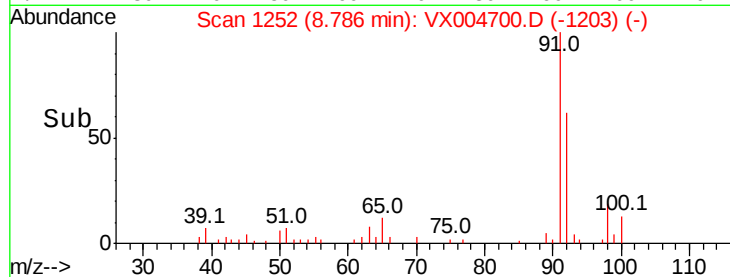
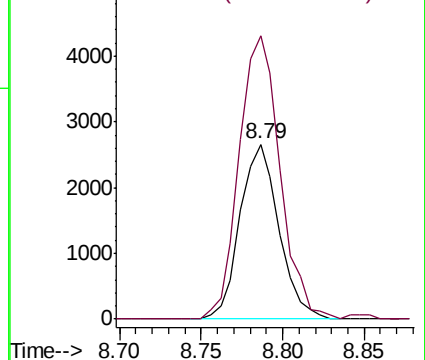
92 100

91 170.3 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 7.306 ug/l

RT: 8.34 min Scan# 1179

Delta R.T. 0.02 min

Lab File: VX004700.D

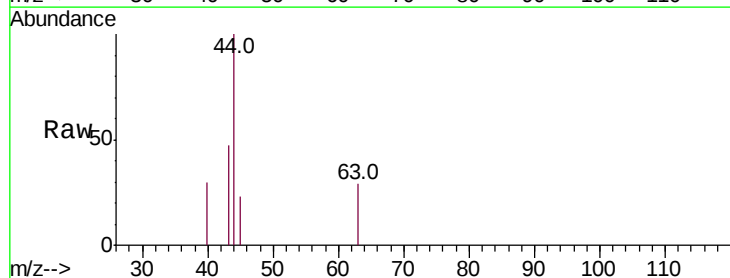
Acq: 19 Sep 2018 12:46

Tgt Ion: 63 Resp: 76

Ion Ratio Lower Upper

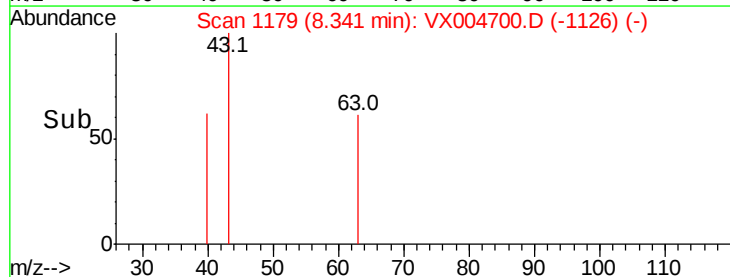
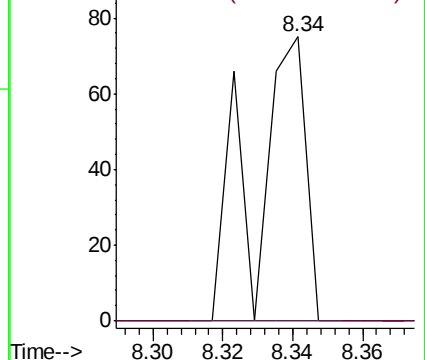
63 100

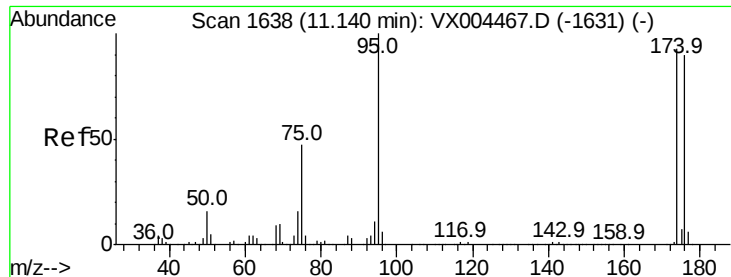
106 0.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





#62

4-Bromofluorobenzene

Concen: 44.357 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004700.D

Acq: 19 Sep 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

RB47195RTME

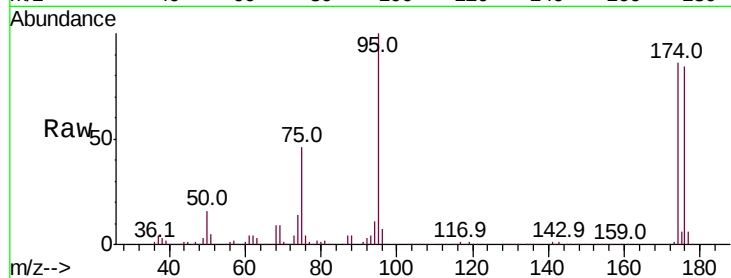
Tot Ion: 95 Resp: 157177

Ion Ratio Lower Upper

95 100

174 95.7 0.0 185.2

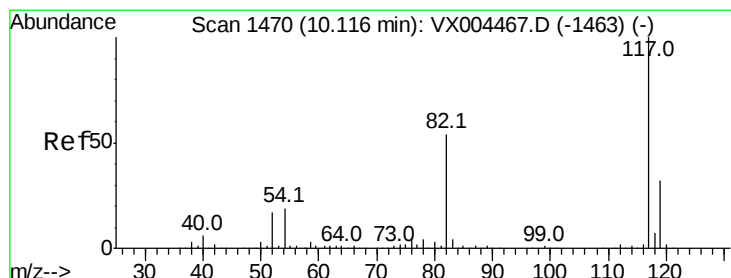
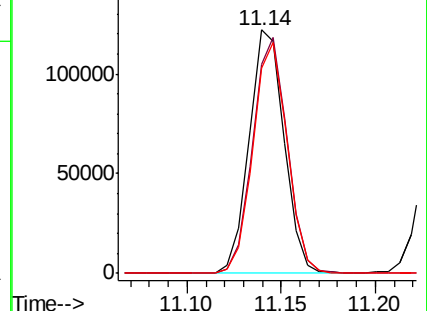
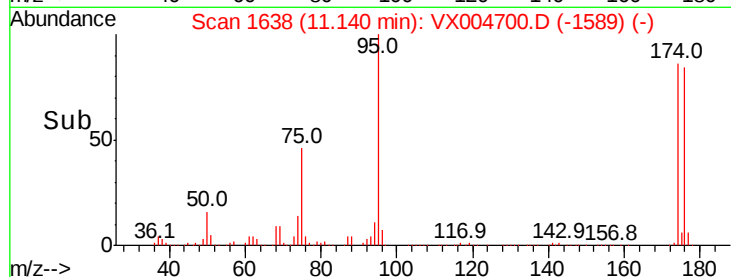
176 93.1 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX004700.D

Acq: 19 Sep 2018 12:46

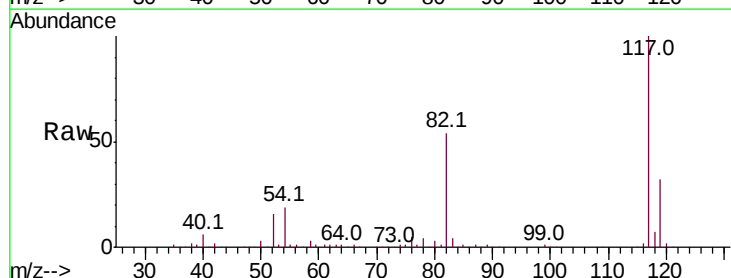
Tgt Ion: 117 Resp: 295899

Ion Ratio Lower Upper

117 100

82 53.6 47.8 71.6

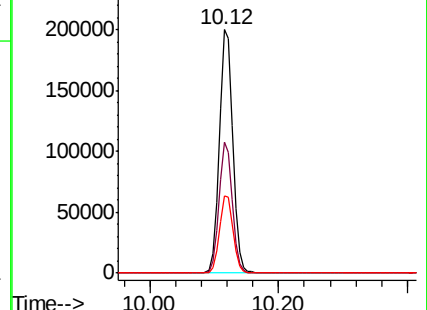
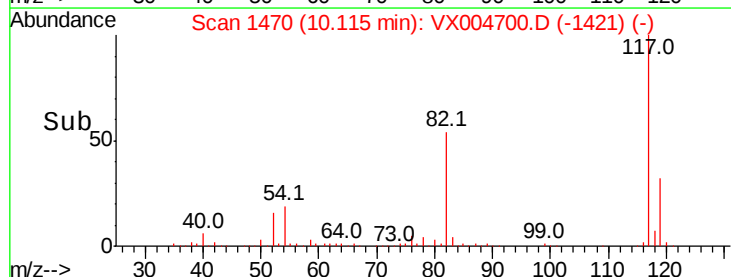
119 31.8 29.3 43.9

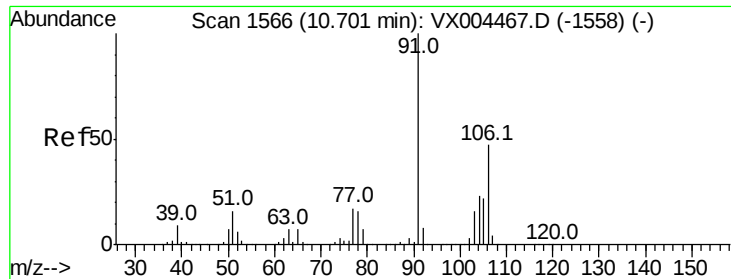


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

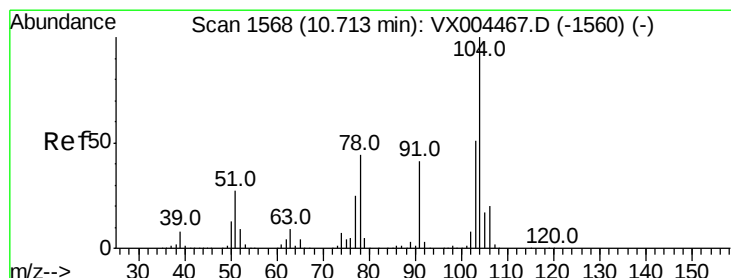
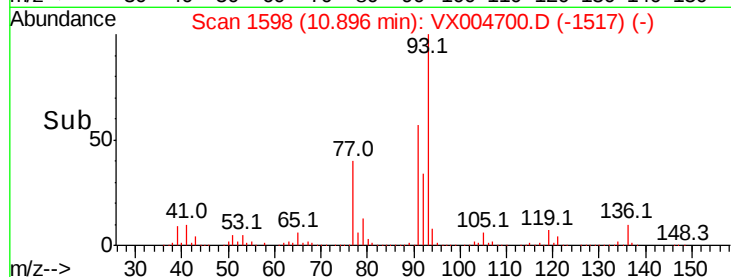
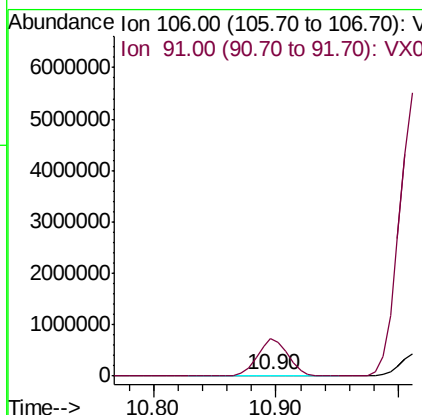
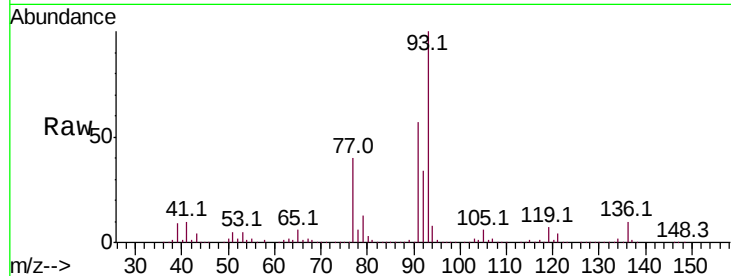




#69
o-Xylene
Concen: 7.269 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.19 min
Lab File: VX004700.D
Acq: 19 Sep 2018 12:46

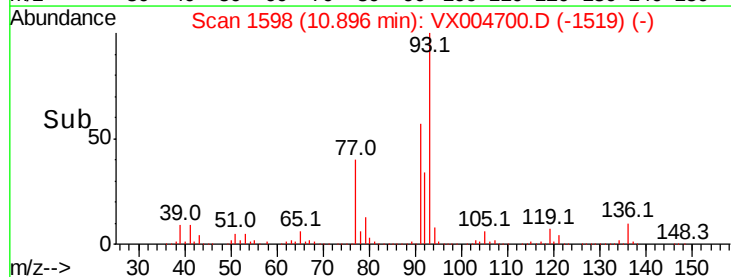
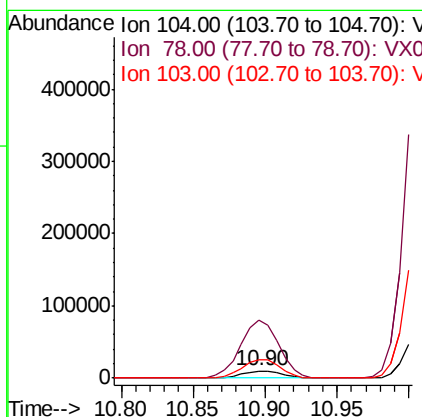
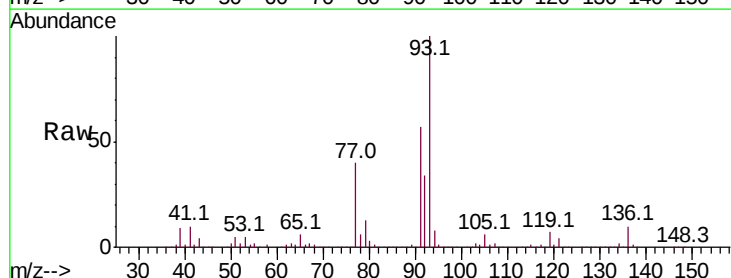
Instrument :
MSVOA_X
ClientSampleId :
RB47195RTME

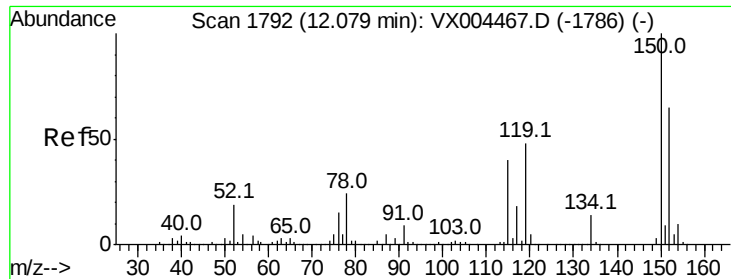
Tot Ion:106 Resp: 32173
Ion Ratio Lower Upper
106 100
91 3963.3 105.1 315.1#



#70
Styrene
Concen: 2.503 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.18 min
Lab File: VX004700.D
Acq: 19 Sep 2018 12:46

Tgt Ion:104 Resp: 18351
Ion Ratio Lower Upper
104 100
78 806.2 37.4 56.0#
103 265.2 43.8 65.6#



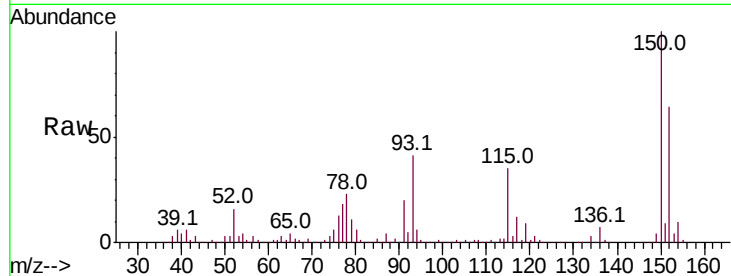


#72

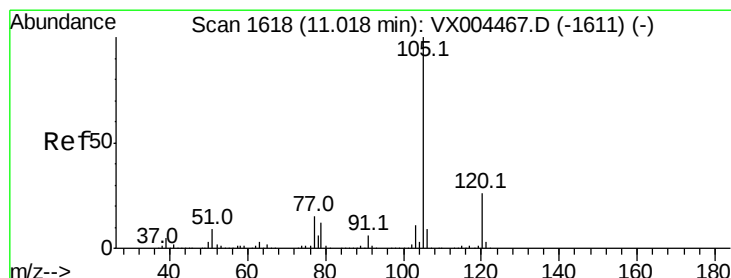
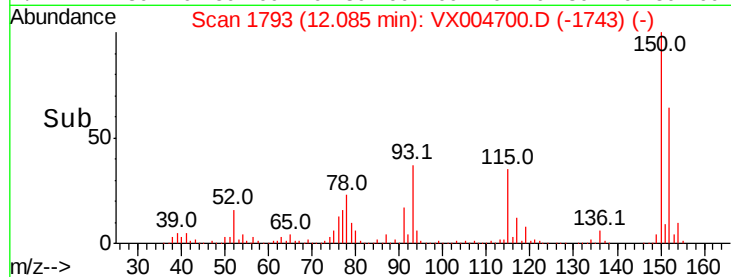
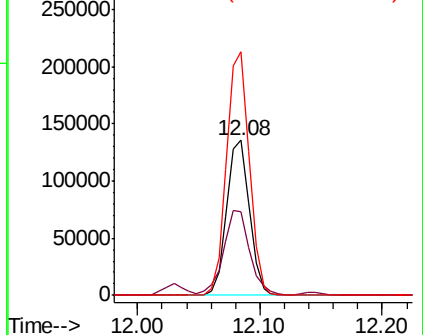
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1793
Delta R.T. 0.01 min
Lab File: VX004700.D
Acq: 19 Sep 2018 12:46

Instrument :
MSVOA_X
ClientSampleId :
RB47195RTME

Tot Ion:152 Resp: 173079
Ion Ratio Lower Upper
152 100
115 63.8 39.0 117.0
150 157.1 0.0 351.0



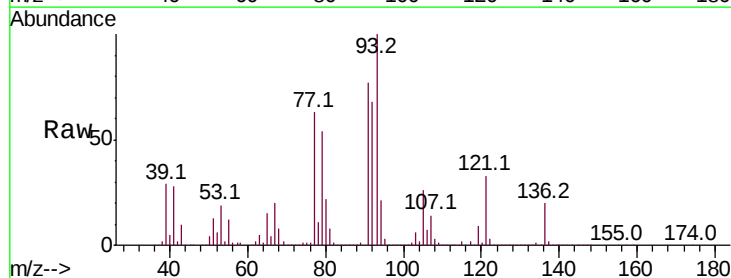
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



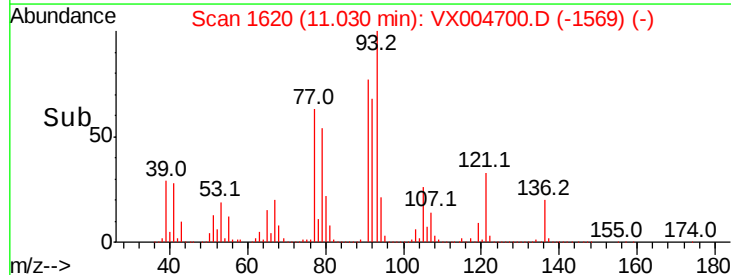
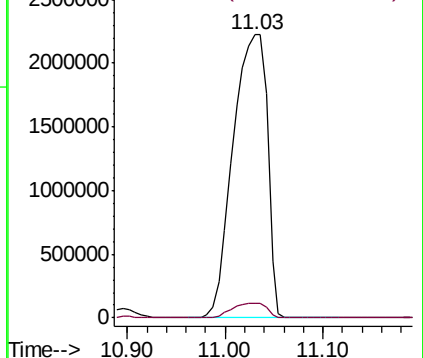
#73

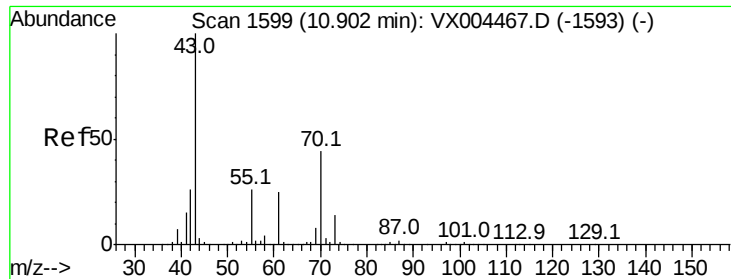
Isopropylbenzene
Concen: 473.273 ug/l
RT: 11.03 min Scan# 1620
Delta R.T. 0.01 min
Lab File: VX004700.D
Acq: 19 Sep 2018 12:46

Tgt Ion:105 Resp: 5394748
Ion Ratio Lower Upper
105 100
120 5.3 13.5 40.4#



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 21.175 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX004700.D

Acq: 19 Sep 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

RB47195RTME

Tot Ion: 43 Resp: 101595

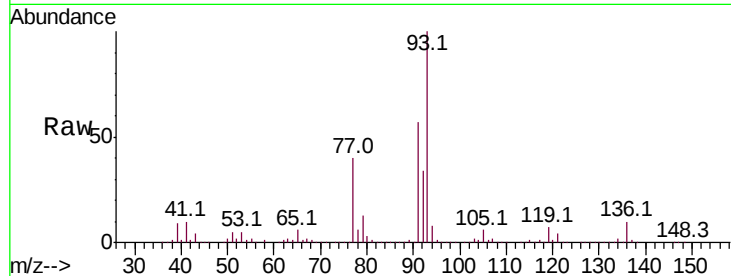
Ion Ratio Lower Upper

43 100

70 5.8 37.4 56.0#

55 0.0 21.8 32.8#

61 3.5 20.6 30.8#

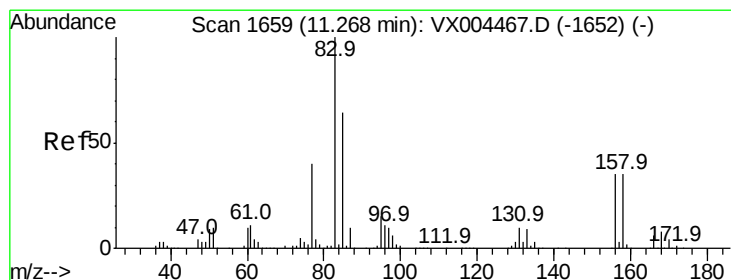
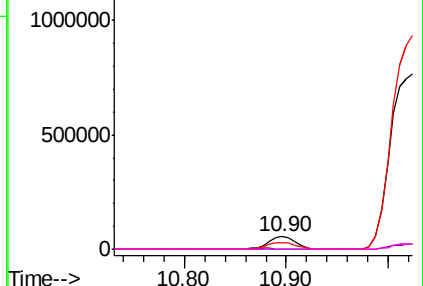
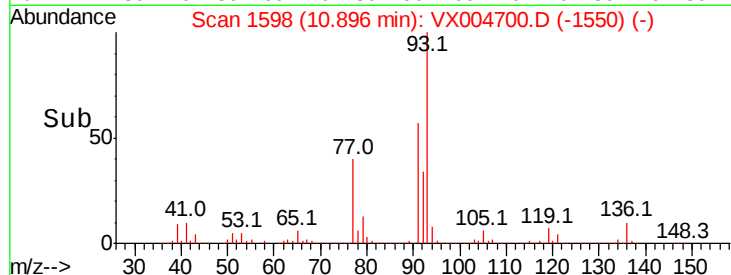


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 0.625 ug/l

RT: 11.23 min Scan# 1653

Delta R.T. -0.04 min

Lab File: VX004700.D

Acq: 19 Sep 2018 12:46

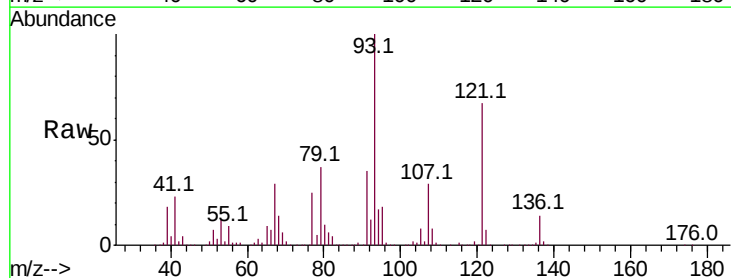
Tgt Ion: 83 Resp: 2297

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

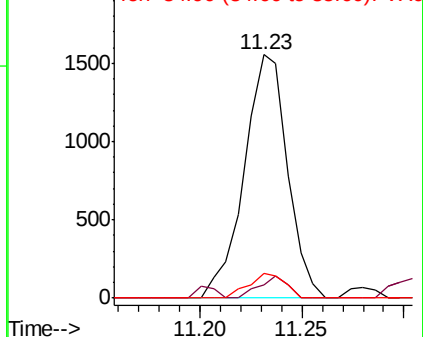
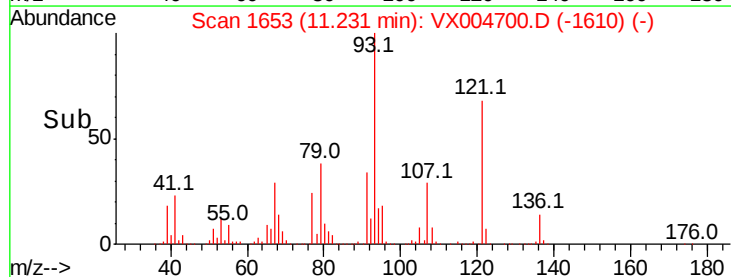
85 0.0 32.3 96.8#

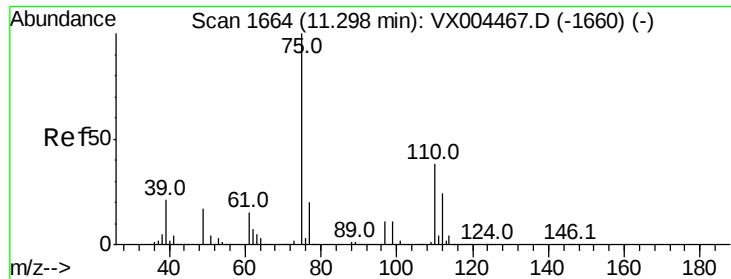


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

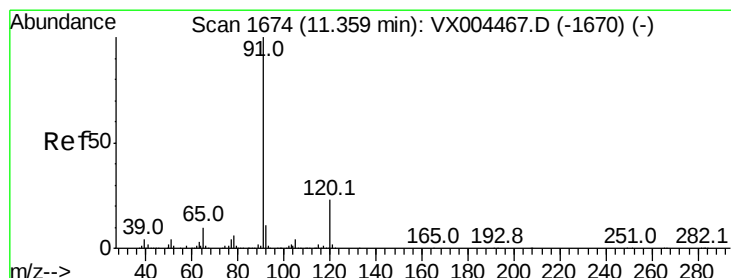
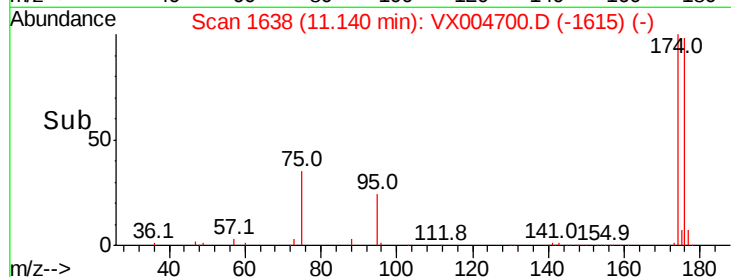
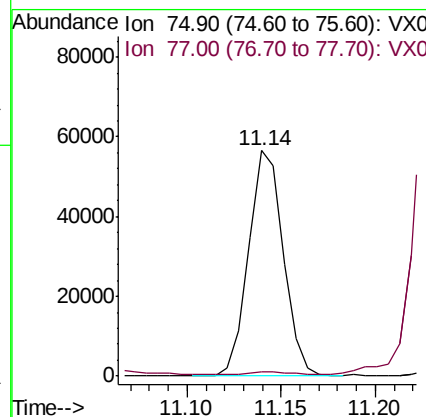
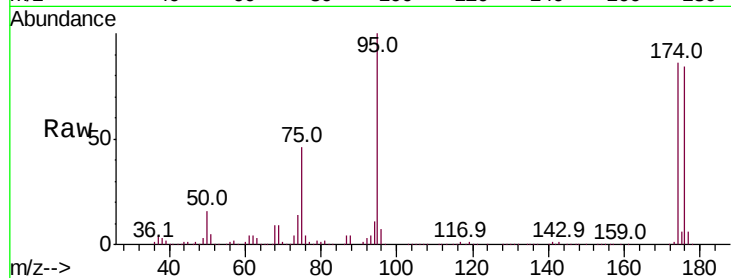




#76
 1,2,3-Trichloropropane
 Concen: 20.820 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX004700.D
 Acq: 19 Sep 2018 12:46

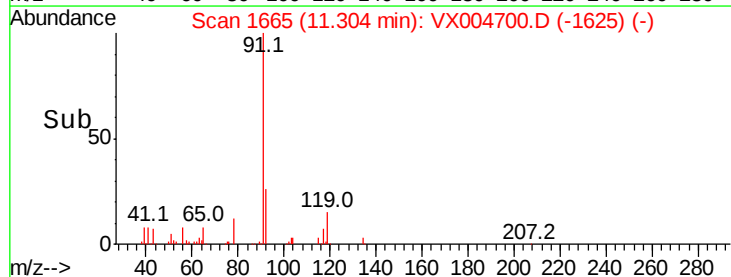
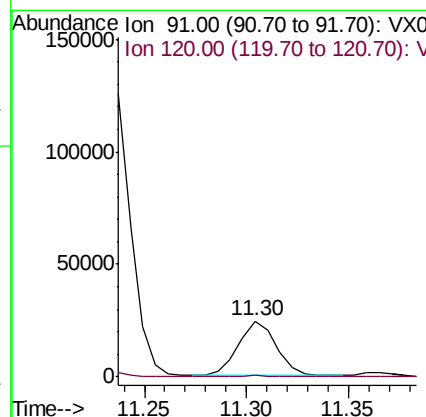
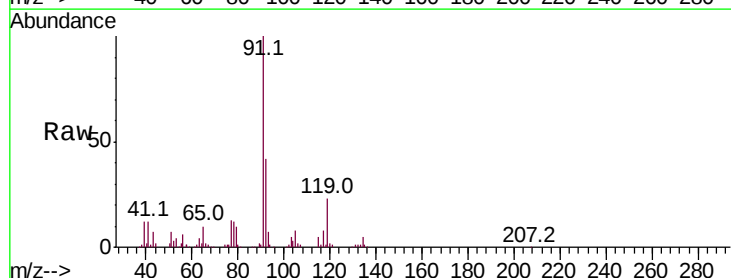
Instrument :
 MSVOA_X
 ClientSampleId :
 RB47195RTME

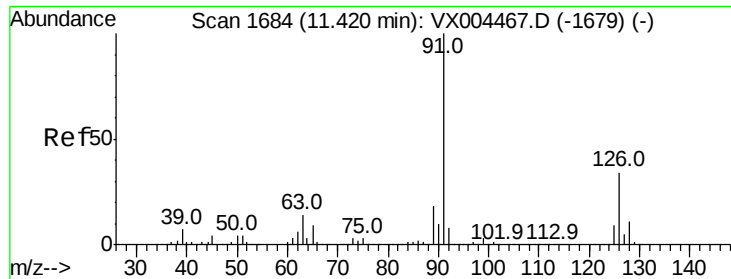
Tot Ion: 75 Resp: 72498
 Ion Ratio Lower Upper
 75 100
 77 0.0 20.2 60.6#



#78
 n-propylbenzene
 Concen: 2.424 ug/l
 RT: 11.30 min Scan# 1665
 Delta R.T. -0.06 min
 Lab File: VX004700.D
 Acq: 19 Sep 2018 12:46

Tgt Ion: 91 Resp: 31770
 Ion Ratio Lower Upper
 91 100
 120 2.7 11.9 35.9#





#79

2-Chlorotoluene

Concen: 14.472 ug/l

RT: 11.49 min Scan# 1696

Delta R.T. 0.07 min

Lab File: VX004700.D

Acq: 19 Sep 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

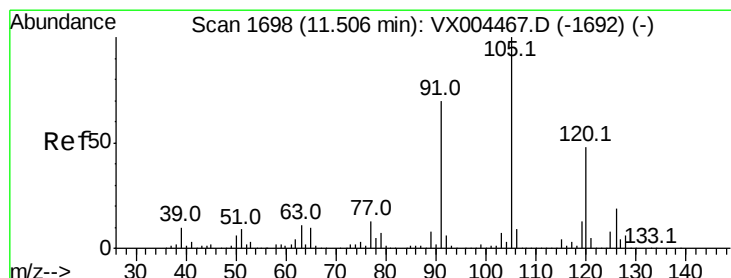
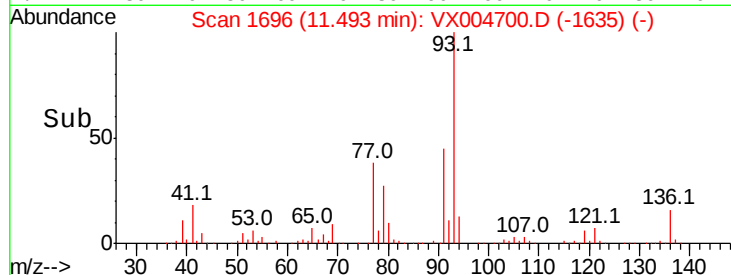
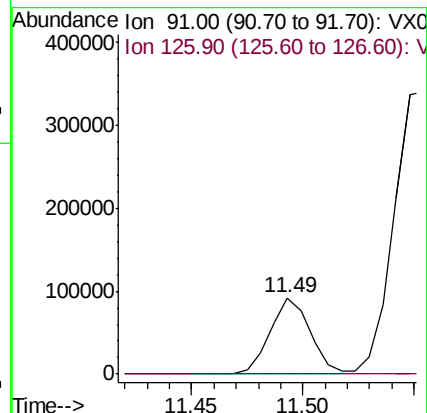
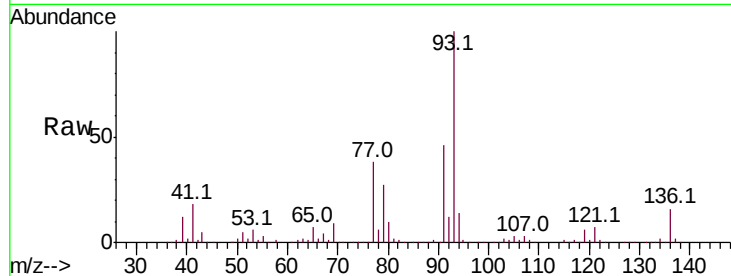
RB47195RTME

Tot Ion: 91 Resp: 115035

Ion Ratio Lower Upper

91 100

126 0.0 17.9 53.7#



#80

1,3,5-Trimethylbenzene

Concen: 1.067 ug/l

RT: 11.49 min Scan# 1696

Delta R.T. -0.01 min

Lab File: VX004700.D

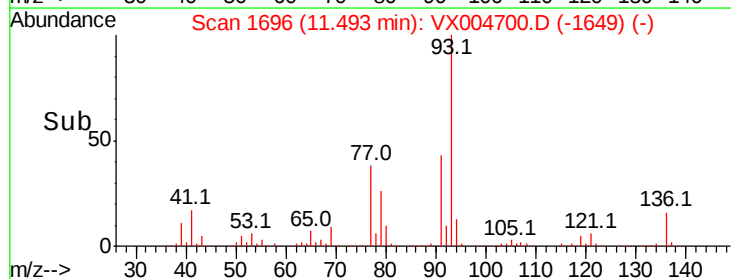
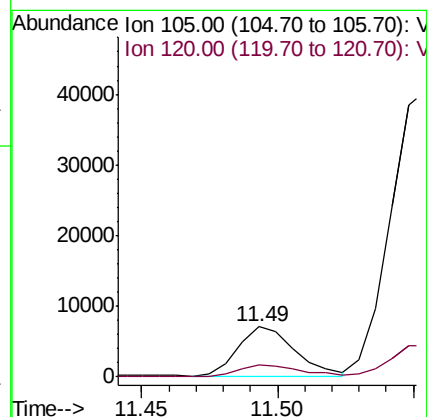
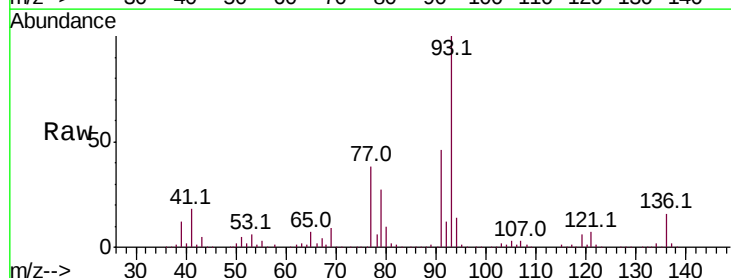
Acq: 19 Sep 2018 12:46

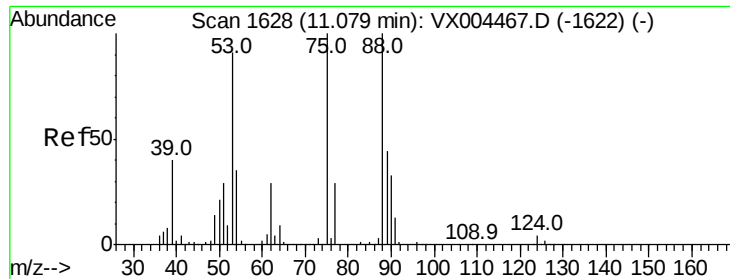
Tgt Ion:105 Resp: 10223

Ion Ratio Lower Upper

105 100

120 26.7 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 134.616 ug/l

RT: 11.04 min Scan# 1621

Delta R.T. -0.04 min

Lab File: VX004700.D

Acq: 19 Sep 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

RB47195RTME

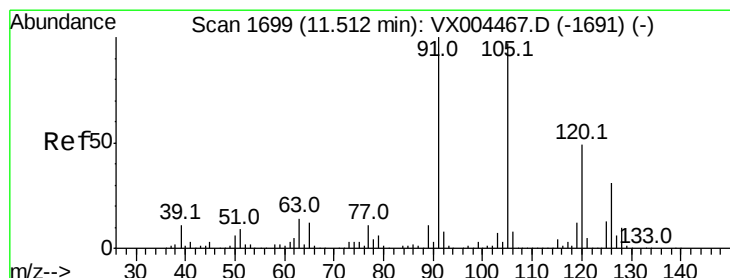
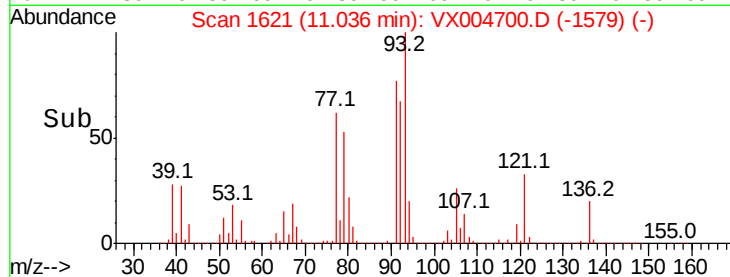
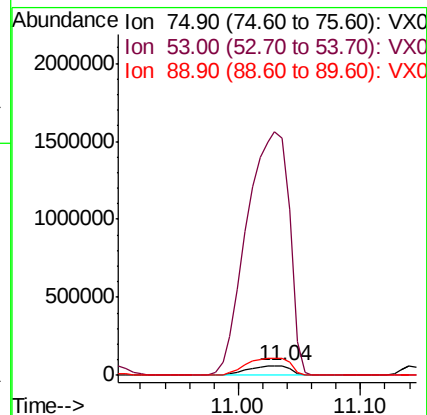
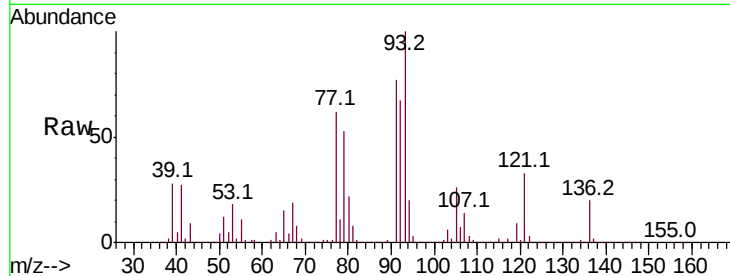
Tot Ion: 75 Resp: 147063

Ion Ratio Lower Upper

75 100

53 2564.8 80.1 120.1#

89 191.7 37.2 55.8#



#82

4-Chlorotoluene

Concen: 12.399 ug/l

RT: 11.49 min Scan# 1696

Delta R.T. -0.02 min

Lab File: VX004700.D

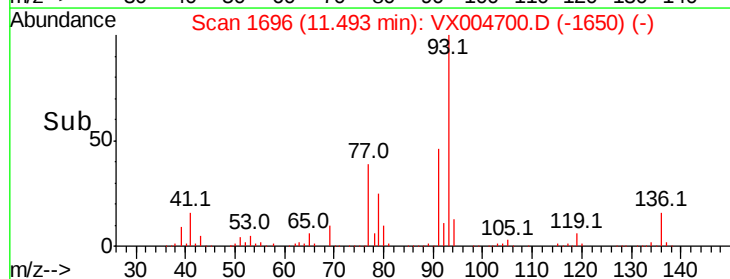
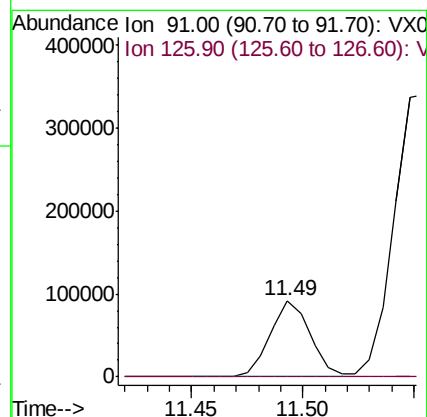
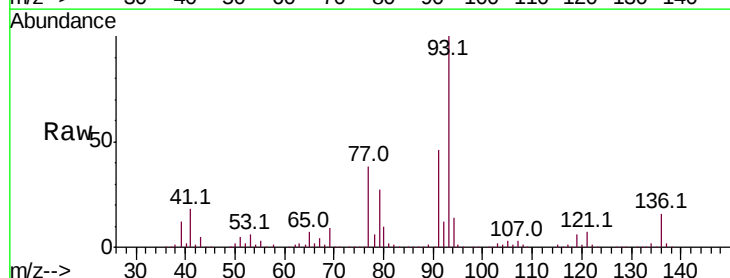
Acq: 19 Sep 2018 12:46

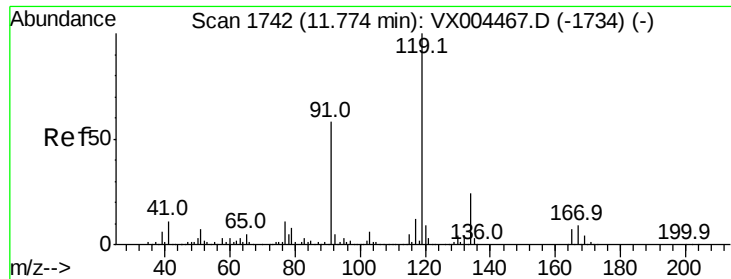
Tgt Ion: 91 Resp: 115035

Ion Ratio Lower Upper

91 100

126 0.0 15.5 46.5#





#83

tert-Butylbenzene

Concen: 1.117 ug/l

RT: 11.79 min Scan# 1745

Delta R.T. 0.02 min

Lab File: VX004700.D

Acq: 19 Sep 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

RB47195RTME

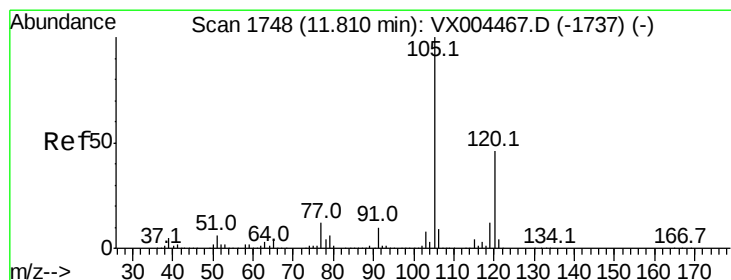
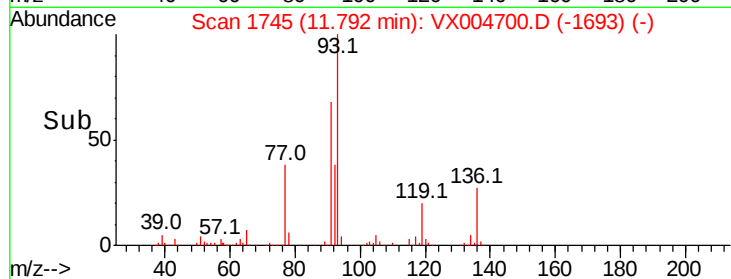
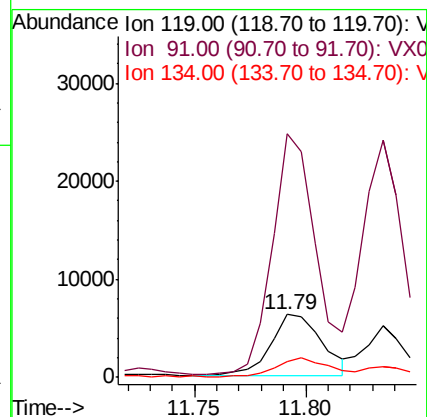
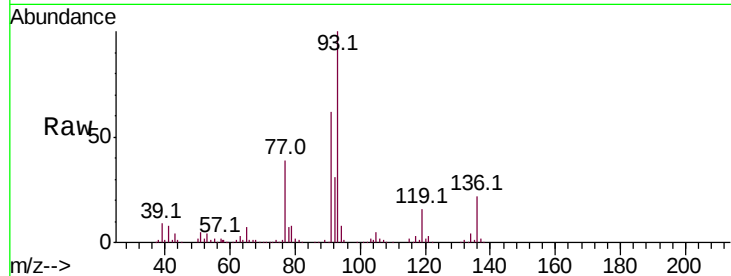
Tot Ion:119 Resp: 10188

Ion Ratio Lower Upper

119 100

91 328.3 27.0 81.0#

134 31.6 11.7 35.1



#84

1,2,4-Trimethylbenzene

Concen: 3.104 ug/l

RT: 11.82 min Scan# 1749

Delta R.T. 0.01 min

Lab File: VX004700.D

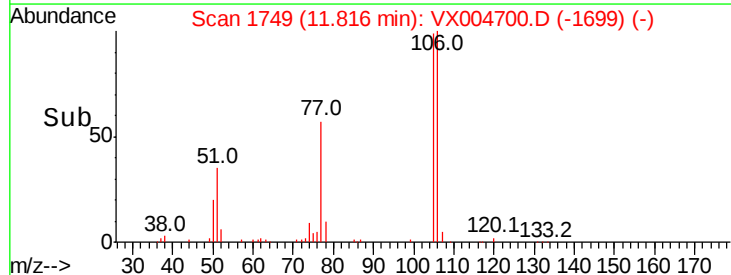
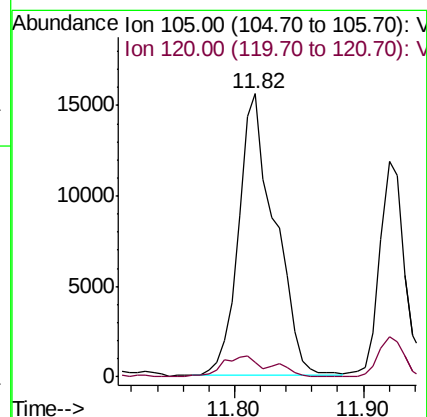
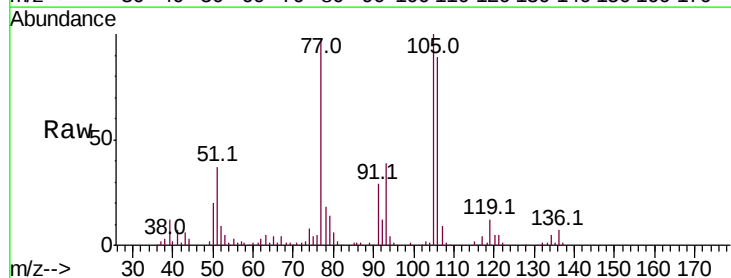
Acq: 19 Sep 2018 12:46

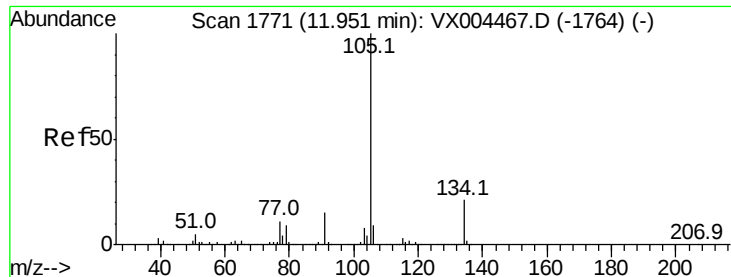
Tgt Ion:105 Resp: 30367

Ion Ratio Lower Upper

105 100

120 7.4 23.2 69.6#

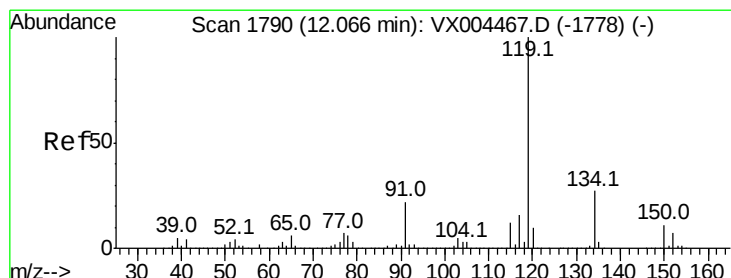
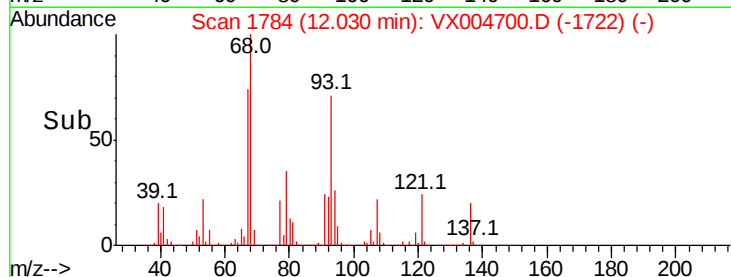
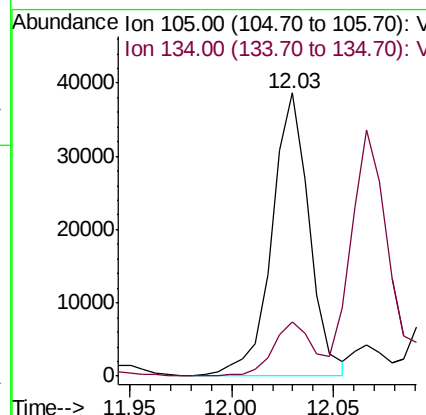
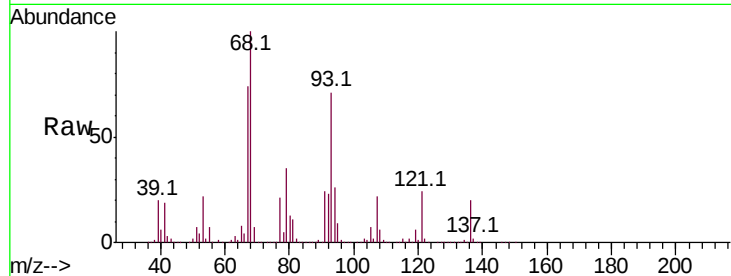




#85
 sec-Butylbenzene
 Concen: 4.211 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. 0.08 min
 Lab File: VX004700.D
 Acq: 19 Sep 2018 12:46

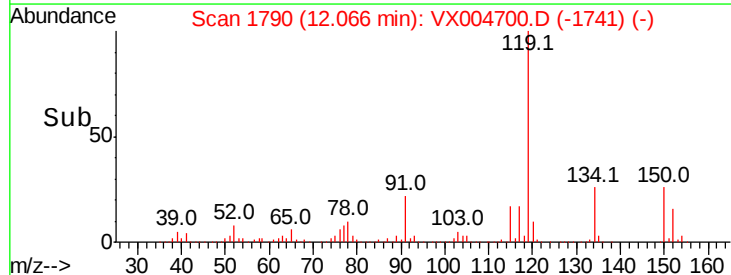
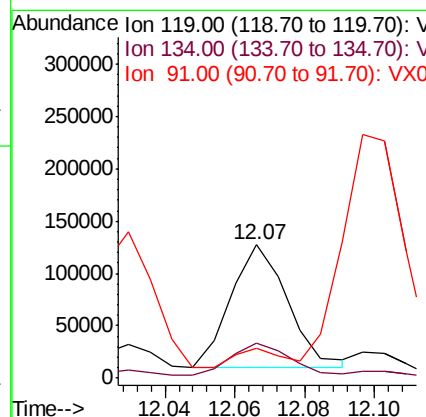
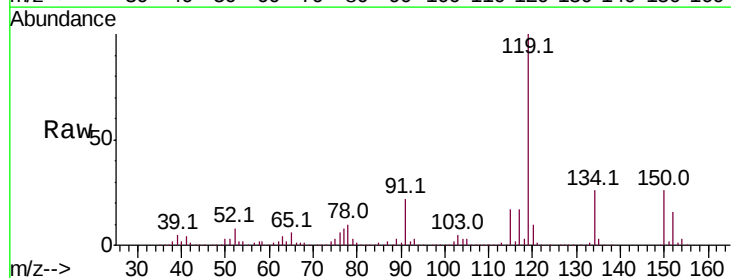
Instrument :
 MSVOA_X
 ClientSampleId :
 RB47195RTME

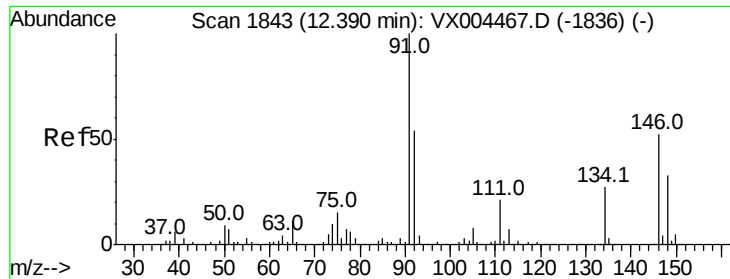
Tot Ion:105 Resp: 48960
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 12.843 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX004700.D
 Acq: 19 Sep 2018 12:46

Tgt Ion:119 Resp: 131851
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.2
 91 22.4 10.9 32.7

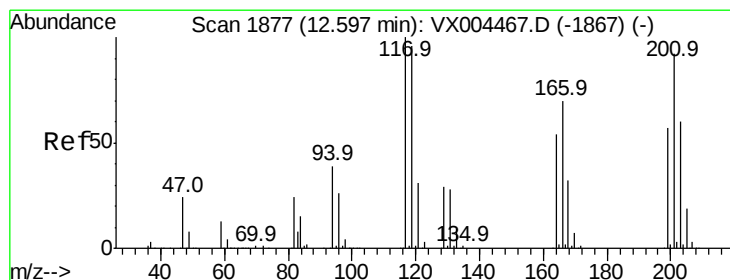
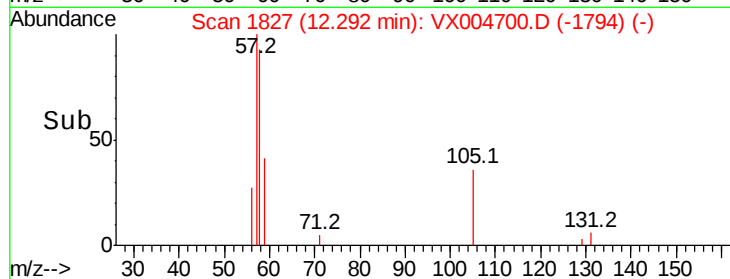
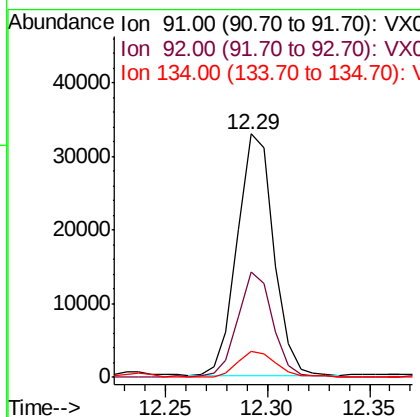
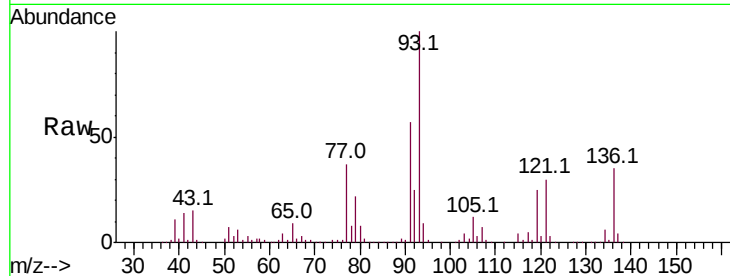




#89
n-Butylbenzene
Concen: 4.342 ug/l
RT: 12.29 min Scan# 1827
Delta R.T. -0.10 min
Lab File: VX004700.D
Acq: 19 Sep 2018 12:46

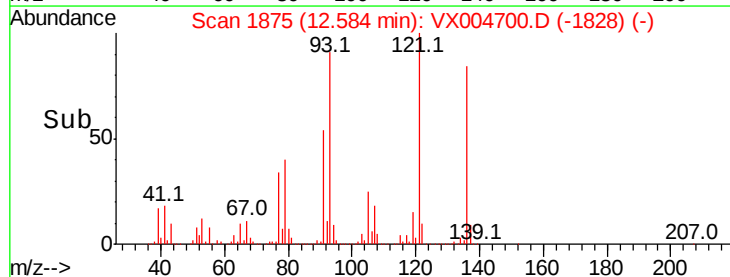
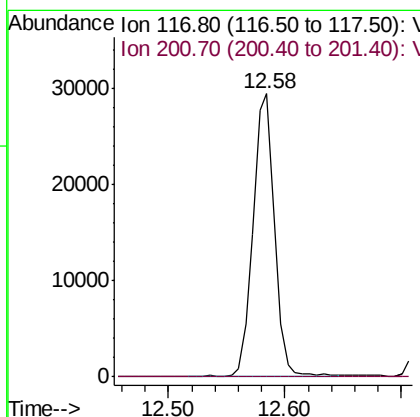
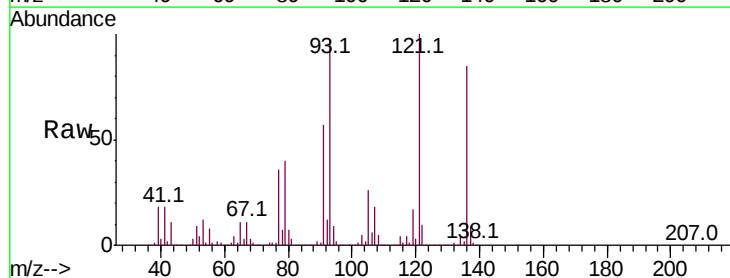
Instrument :
MSVOA_X
ClientSampleId :
RB47195RTME

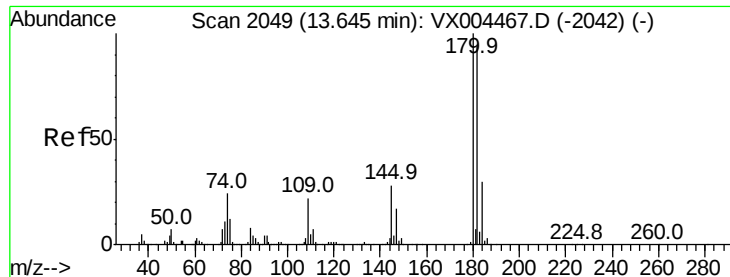
Tot Ion: 91 Resp: 40622
Ion Ratio Lower Upper
91 100
92 41.5 27.3 81.9
134 12.0 13.6 40.7#



#90
Hexachloroethane
Concen: 23.164 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX004700.D
Acq: 19 Sep 2018 12:46

Tgt Ion:117 Resp: 38070
Ion Ratio Lower Upper
117 100
201 0.0 46.9 140.6#





#93

1,2,4-Trichlorobenzene

Concen: 0.334 ug/l

RT: 13.65 min Scan# 2050

Delta R.T. 0.01 min

Lab File: VX004700.D

Acq: 19 Sep 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

RB47195RTME

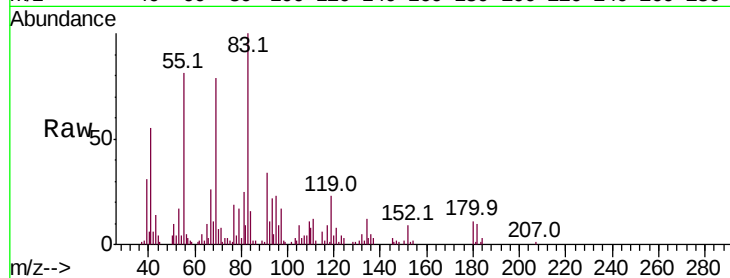
Tot Ion:180 Resp: 1406

Ion Ratio Lower Upper

180 100

182 94.9 48.4 145.0

145 28.2 14.3 42.9



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

13.65

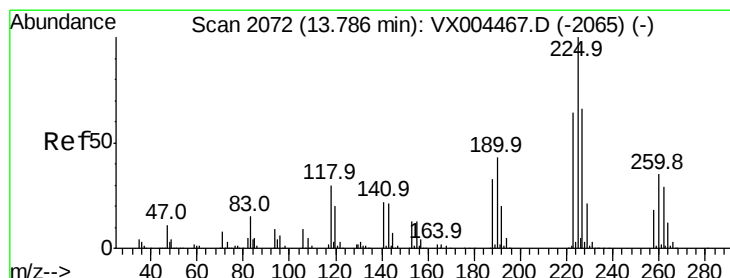
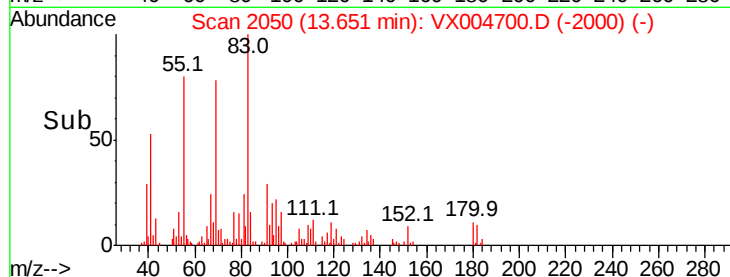
1000

500

0

13.60 13.65 13.70

Time-->



#94

Hexachlorobutadiene

Concen: 0.326 ug/l

RT: 13.79 min Scan# 2072

Delta R.T. -0.00 min

Lab File: VX004700.D

Acq: 19 Sep 2018 12:46

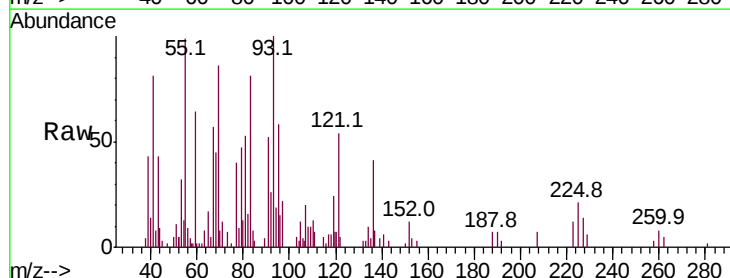
Tgt Ion:225 Resp: 718

Ion Ratio Lower Upper

225 100

223 58.2 30.1 90.5

227 70.6 30.8 92.4



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

13.79

800

600

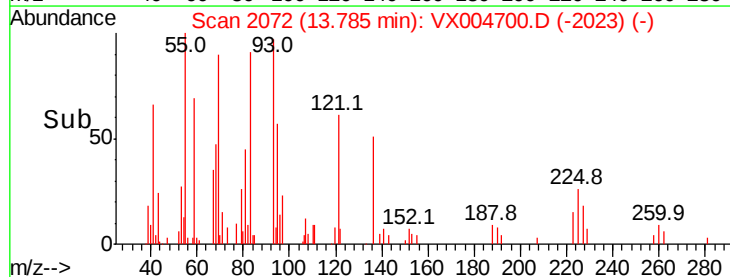
400

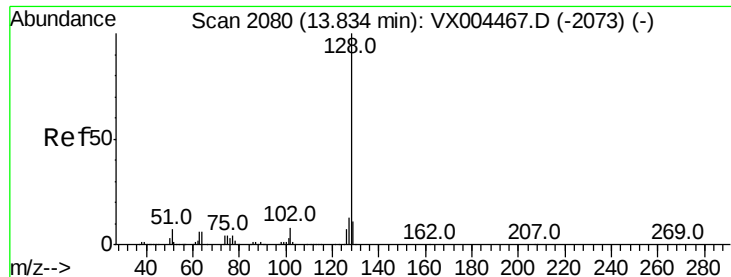
200

0

13.75 13.80

Time-->





#95

Naphthalene

Concen: 0.612 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004700.D

Acq: 19 Sep 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

RB47195RTME

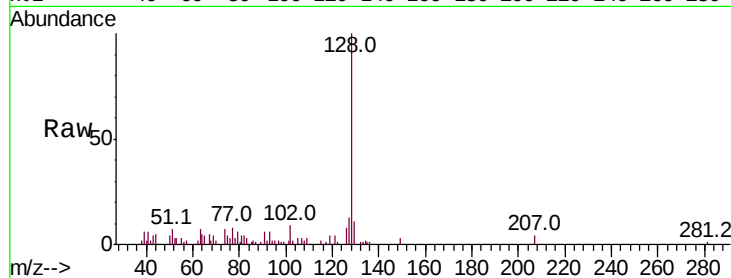
Tot Ion:128 Resp: 7232

Ion Ratio Lower Upper

128 100

127 14.7 10.2 15.2

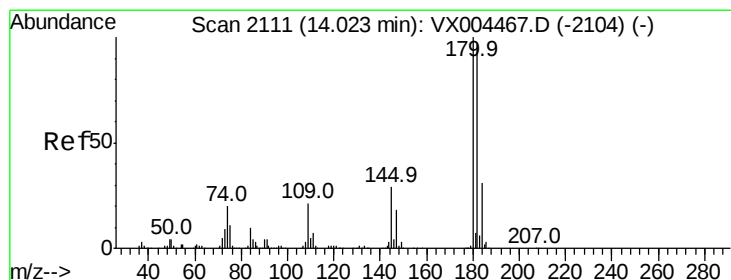
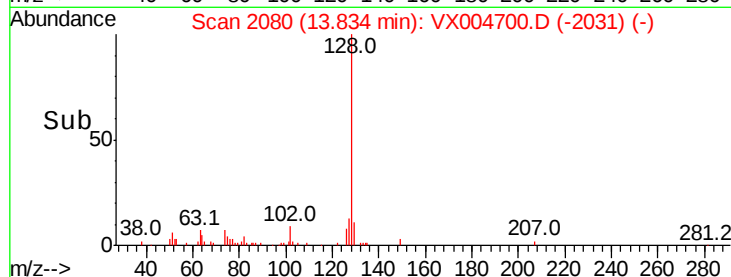
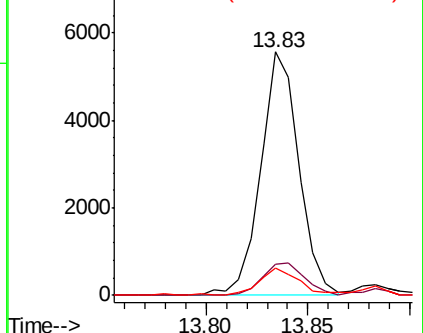
129 11.9 8.6 12.8



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: 0.255 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX004700.D

Acq: 19 Sep 2018 12:46

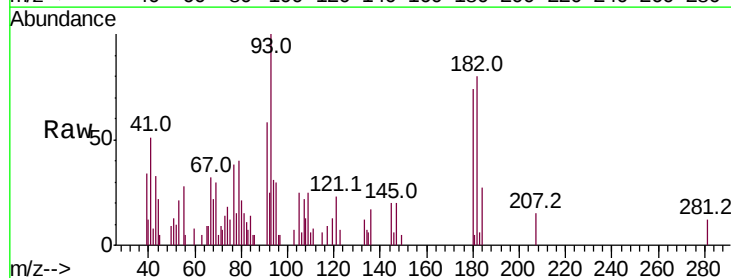
Tgt Ion:180 Resp: 1102

Ion Ratio Lower Upper

180 100

182 104.1 48.5 145.6

145 36.3 14.9 44.9



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

