

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101918\
 Data File : PE4.D
 Acq On : 19 Oct 2018 20:07
 Operator : JC/MD
 Sample : J5026-06 4X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 20 05:41:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	218246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	336742	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	160320	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	1455	0.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.20%	
35) Dibromofluoromethane	5.51	113	1127	0.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.02%	
50) Toluene-d8	8.71	98	2426	0.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	0.64%	
62) 4-Bromofluorobenzene	11.14	95	653	0.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	0.46%	

Target Compounds

					Qvalue
5) Bromomethane	1.64	94	309	0.800	ug/l # 45
6) Chloroethane	1.71	64	69	0.377	ug/l # 44
10) Methyl Iodide	2.51	142	171	2.566	ug/l # 89
11) Tert butyl alcohol	3.02	59	1233	1.805	ug/l 99
13) Acrolein	2.31	56	259	Below Cal	# 56
15) Acrylonitrile	3.14	53	361	0.233	ug/l # 62
16) Acetone	2.45	43	840	0.600	ug/l # 86
20) Methylene Chloride	2.85	84	832	Below Cal	# 85
29) Tetrahydrofuran	5.17	42	321	0.246	ug/l # 41
31) Cyclohexane	5.67	56	4061	1.220	ug/l # 3
36) 1,1-Dichloropropene	5.67	75	14431	4.425	ug/l # 41
38) Carbon Tetrachloride	5.67	117	19550	5.966	ug/l # 15
40) Benzene	6.14	78	9014	0.921	ug/l 94
44) Trichloroethene	7.22	130	22	Below Cal	4
52) Toluene	8.79	92	16279	3.041	ug/l 93
65) Chlorobenzene	10.14	112	21398	3.369	ug/l 95
67) Ethyl Benzene	10.26	91	40630	3.935	ug/l 99
68) m/p-Xylenes	10.36	106	9460	2.360	ug/l 97
69) o-Xylene	10.70	106	9083	2.350	ug/l 94
70) Styrene	10.71	104	25295	3.979	ug/l 96
73) Isopropylbenzene	11.02	105	15339	1.609	ug/l 99
78) n-propylbenzene	11.36	91	34360	3.133	ug/l 97
79) 2-Chlorotoluene	11.36	91	34360	5.116	ug/l # 39
80) 1,3,5-Trimethylbenzene	11.51	105	32660	4.002	ug/l 97
81) trans-1,4-Dichloro-2-buten	11.02	75	212	0.207	ug/l # 56
82) 4-Chlorotoluene	11.51	91	3614	0.454	ug/l # 44
83) tert-Butylbenzene	11.77	119	21075	2.550	ug/l 89
84) 1,2,4-Trimethylbenzene	11.81	105	9359	1.114	ug/l 100
85) sec-Butylbenzene	11.94	105	40782	4.170	ug/l 99
86) p-Isopropyltoluene	12.07	119	10082	1.140	ug/l 89
87) 1,3-Dichlorobenzene	12.02	146	23340	4.584	ug/l 99
88) 1,4-Dichlorobenzene	12.10	146	20237	3.885	ug/l 92
91) 1,2-Dichlorobenzene	12.39	146	20574	3.959	ug/l 98
93) 1,2,4-Trichlorobenzene	13.65	180	15600	4.092	ug/l 99

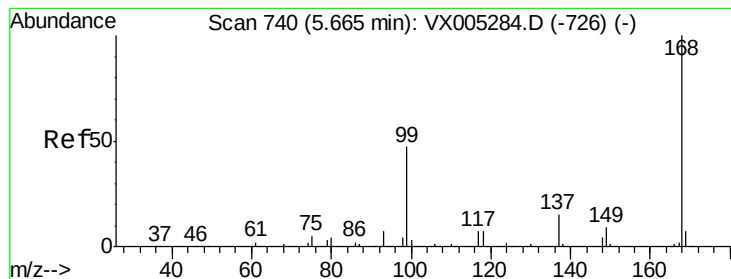
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101918\
Data File : PE4.D
Acq On : 19 Oct 2018 20:07
Operator : JC/MD
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Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	15463	3.964	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: PE4.D

Acq: 19 Oct 2018 20:07

Instrument :

MSVOA_X

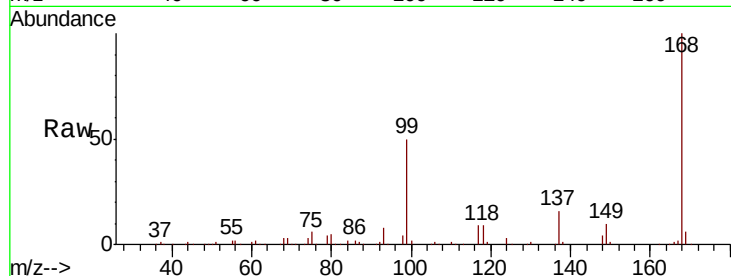
ClientSampleId :

Tot Ion:168 Resp: 218246

Ion Ratio Lower Upper

168 100

99 49.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): F

Ion 98.90 (98.60 to 99.60): PE4

5.67

80000

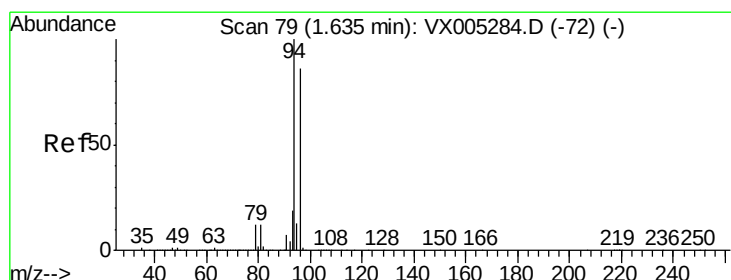
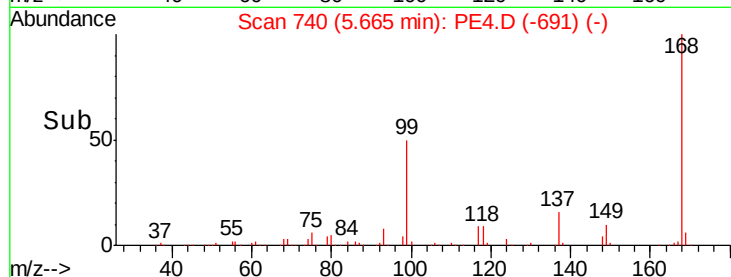
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.800 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: PE4.D

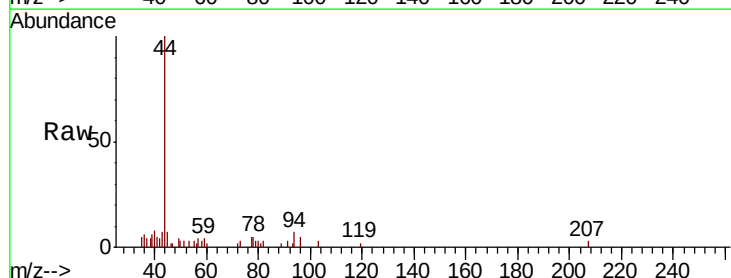
Acq: 19 Oct 2018 20:07

Tgt Ion: 94 Resp: 309

Ion Ratio Lower Upper

94 100

96 40.3 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): PE4

Ion 95.90 (95.60 to 96.60): PE4

1.64

200

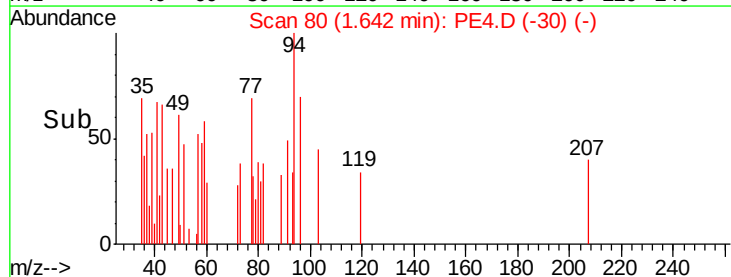
150

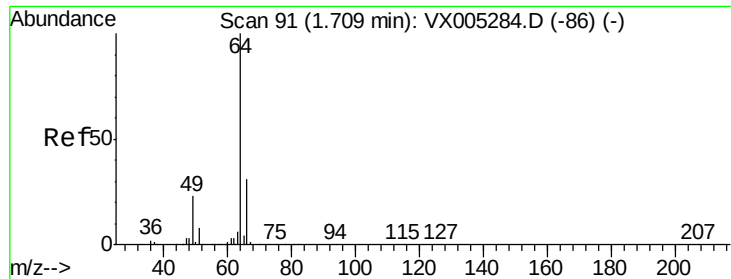
100

50

0

Time--> 1.60 1.62 1.64 1.66 1.68





#6

Chloroethane

Concen: 0.377 ug/l

RT: 1.71 min Scan# 91

Delta R.T. 0.00 min

Lab File: PE4.D

Acq: 19 Oct 2018 20:07

Instrument :

MSVOA_X

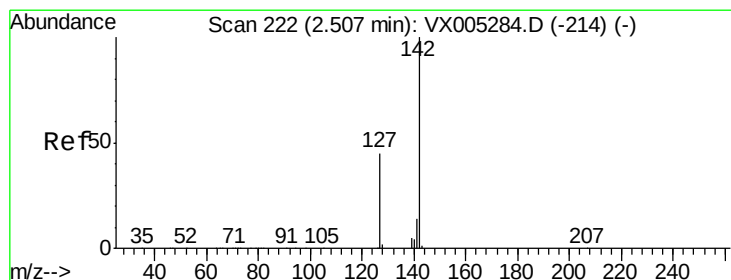
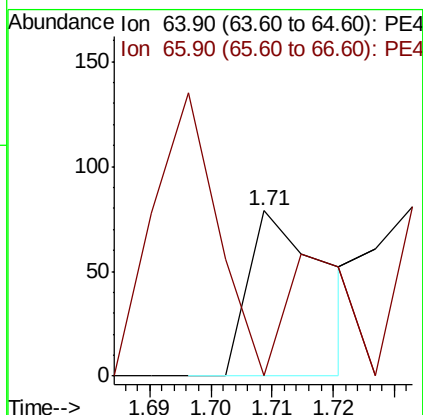
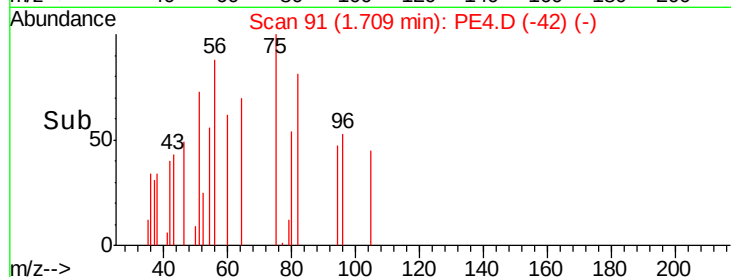
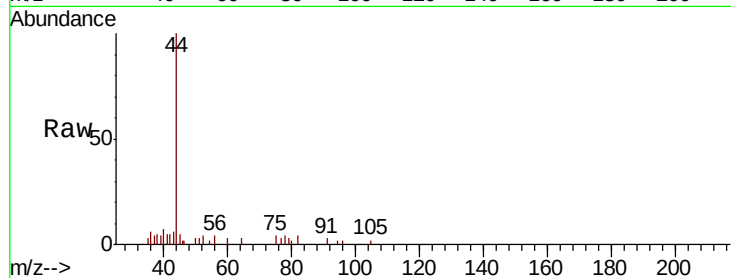
ClientSampled :

Tot Ion: 64 Resp: 69

Ion Ratio Lower Upper

64 100

66 0.0 24.6 36.8#



#10

Methyl Iodide

Concen: 2.566 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: PE4.D

Acq: 19 Oct 2018 20:07

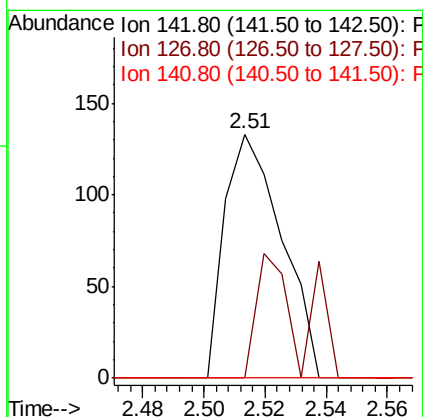
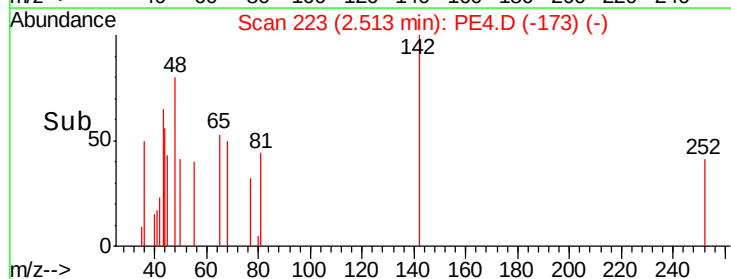
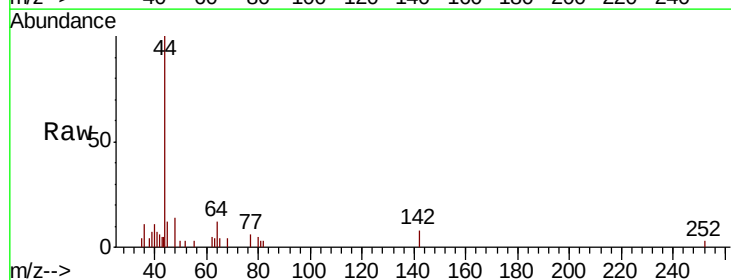
Tgt Ion: 142 Resp: 171

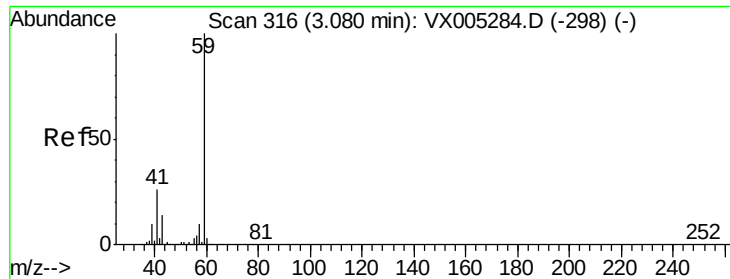
Ion Ratio Lower Upper

142 100

127 40.4 33.8 50.6

141 0.0 11.4 17.0#

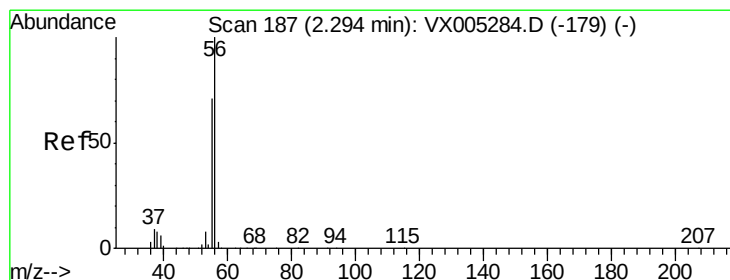
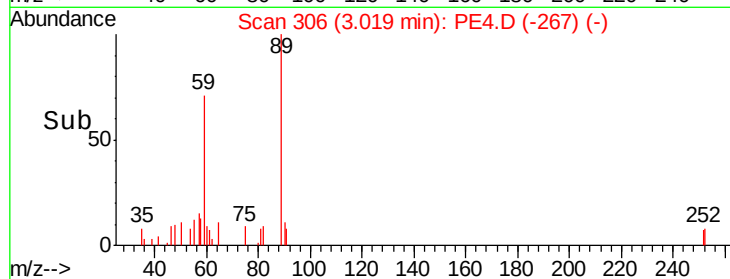
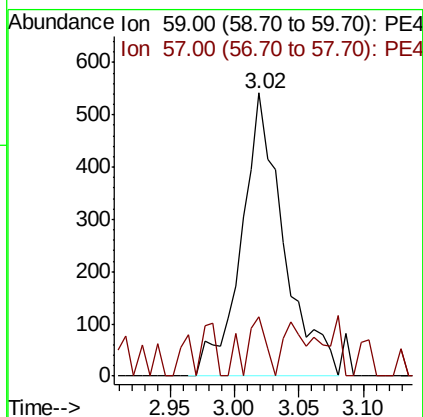
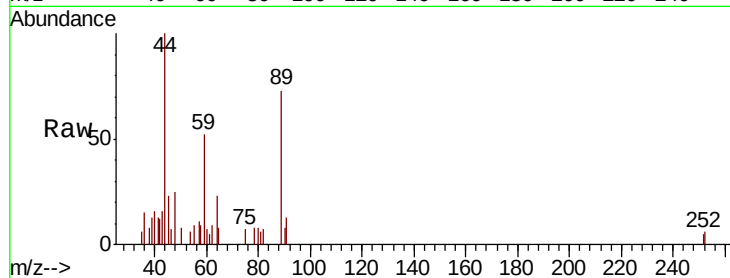




#11
Tert butyl alcohol
Concen: 1.805 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: PE4.D
Acq: 19 Oct 2018 20:07

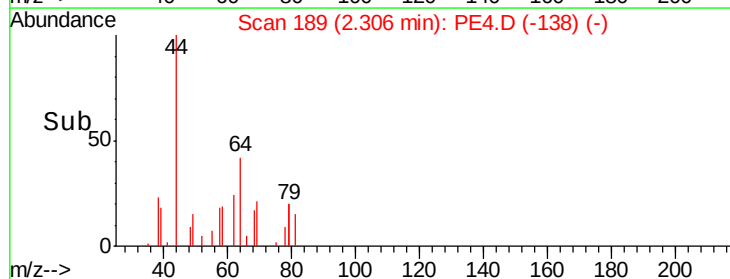
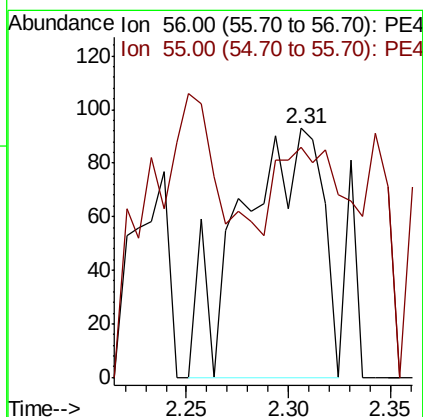
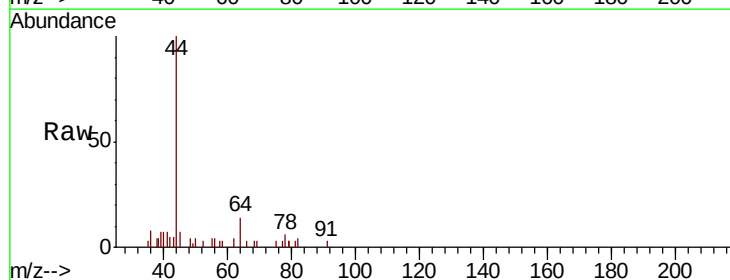
Instrument :
MSVOA_X
ClientSampled :

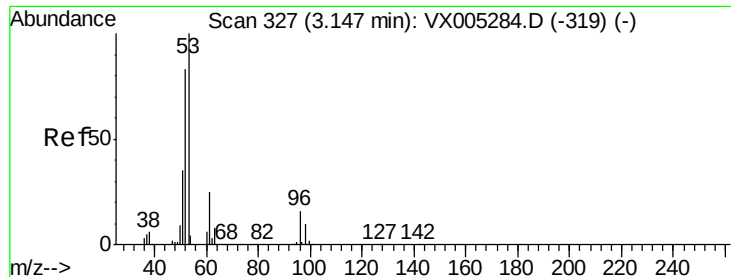
Tot Ion: 59 Resp: 1233
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4



#13
Acrolein
Concen: Below Cal
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: PE4.D
Acq: 19 Oct 2018 20:07

Tgt Ion: 56 Resp: 259
Ion Ratio Lower Upper
56 100
55 32.4 54.7 82.1#





#15

Acrylonitrile

Concen: 0.233 ug/l

RT: 3.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: PE4.D

Acq: 19 Oct 2018 20:07

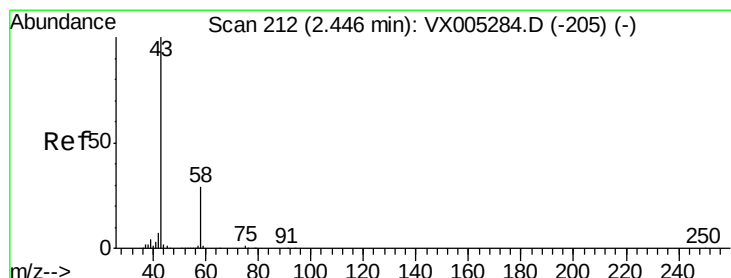
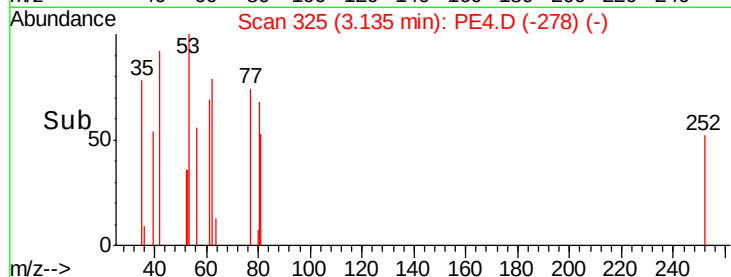
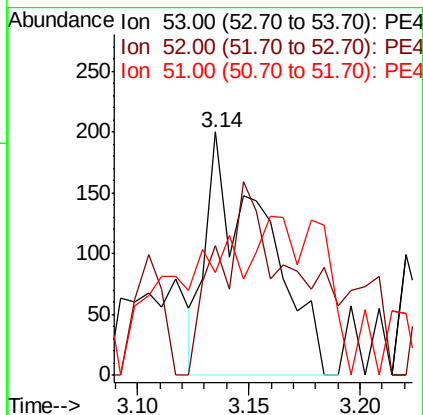
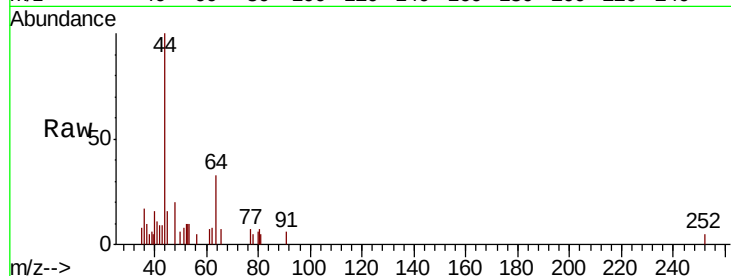
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 361

Ion	Ratio	Lower	Upper
53	100		
52	103.6	65.2	97.8#
51	74.5	28.2	42.2#



#16

Acetone

Concen: 0.600 ug/l

RT: 2.45 min Scan# 212

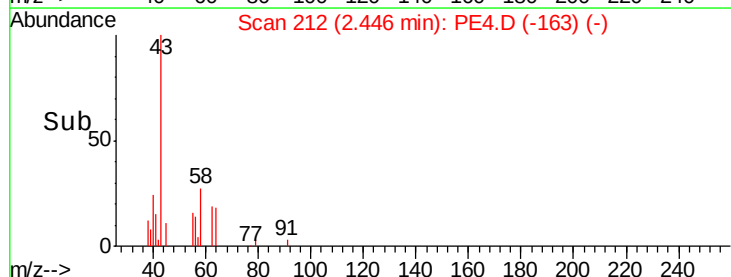
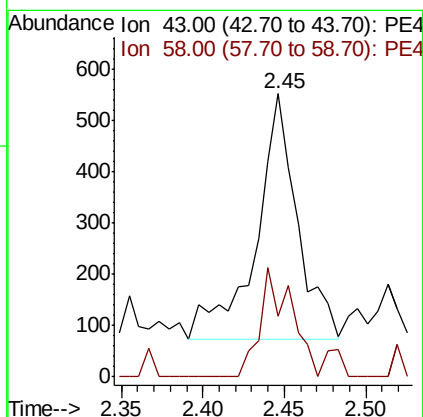
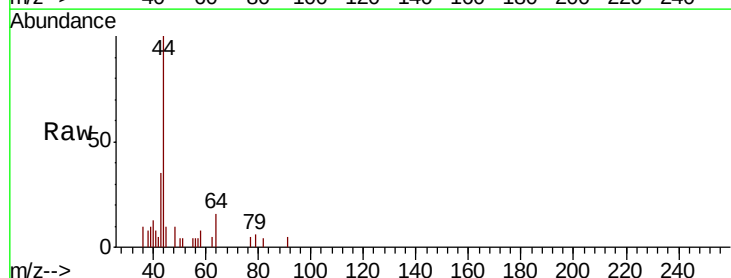
Delta R.T. -0.00 min

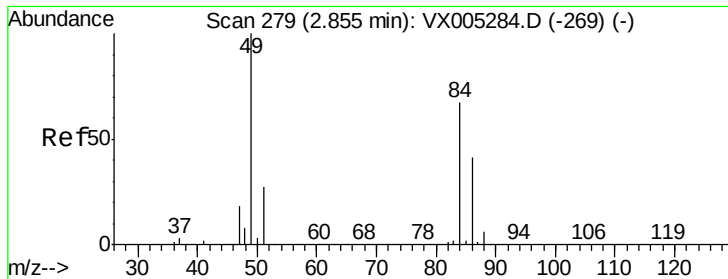
Lab File: PE4.D

Acq: 19 Oct 2018 20:07

Tgt Ion: 43 Resp: 840

Ion	Ratio	Lower	Upper
43	100		
58	24.8	26.2	39.4#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.85 min Scan# 279

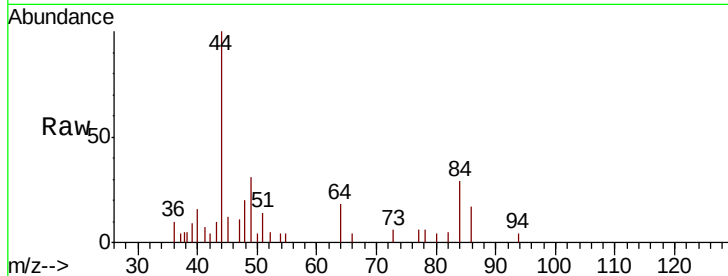
Delta R.T. 0.00 min

Lab File: PE4.D

Acq: 19 Oct 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	84	Resp:	832
Ion	Ratio	Lower	Upper
84	100		
49	106.7	101.2	151.8
51	46.9	29.5	44.3#
86	57.7	52.3	78.5



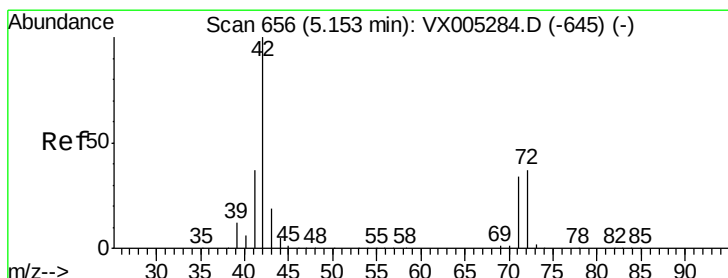
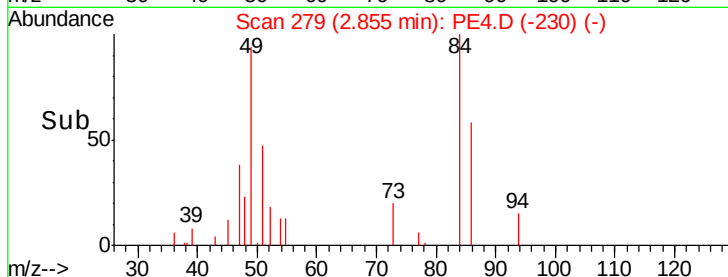
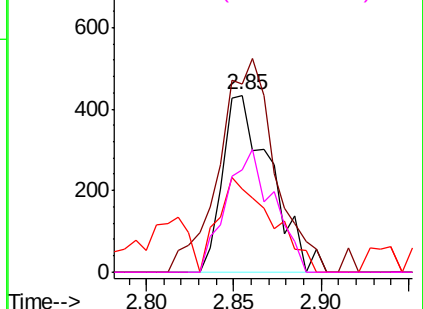
Abundance

Ion 83.90 (83.60 to 84.60): PE4

Ion 48.90 (48.60 to 49.60): PE4

Ion 50.90 (50.60 to 51.60): PE4

Ion 85.90 (85.60 to 86.60): PE4



#29

Tetrahydrofuran

Concen: 0.246 ug/l

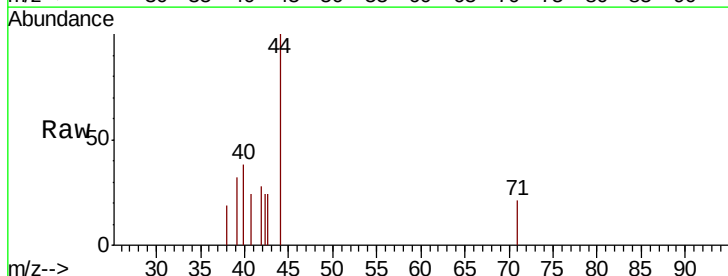
RT: 5.17 min Scan# 659

Delta R.T. 0.02 min

Lab File: PE4.D

Acq: 19 Oct 2018 20:07

Tgt Ion:	42	Resp:	321
Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.4	56.0#
71	12.8	34.5	51.7#

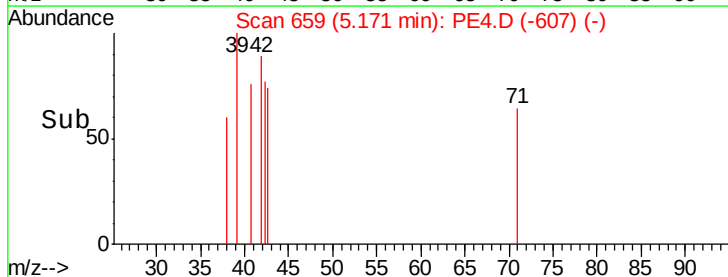
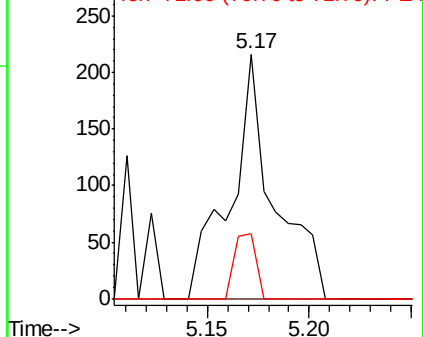


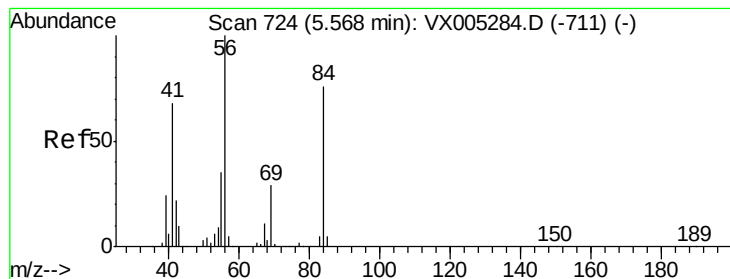
Abundance

Ion 42.00 (41.70 to 42.70): PE4

Ion 72.00 (71.70 to 72.70): PE4

Ion 71.00 (70.70 to 71.70): PE4





#31

Cyclohexane

Concen: 1.220 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.10 min

Lab File: PE4.D

Acq: 19 Oct 2018 20:07

Instrument :

MSVOA_X

ClientSampleId :

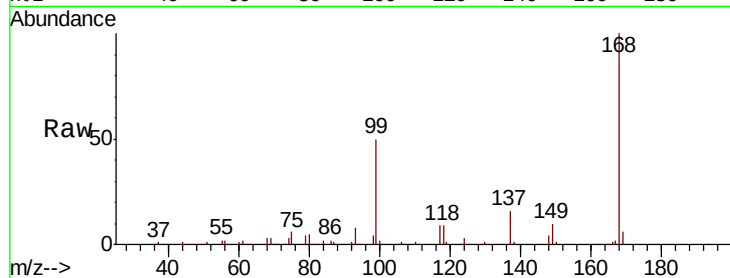
Tot Ion: 56 Resp: 4061

Ion Ratio Lower Upper

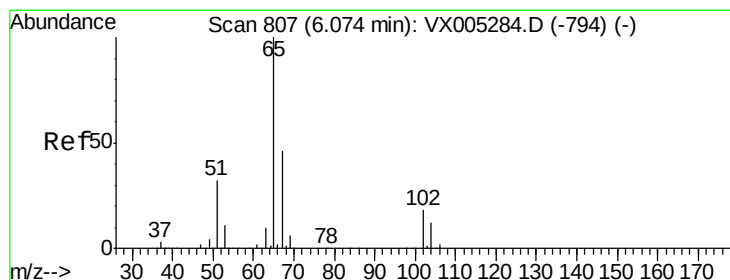
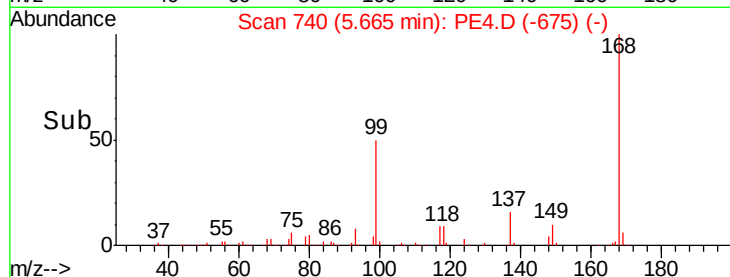
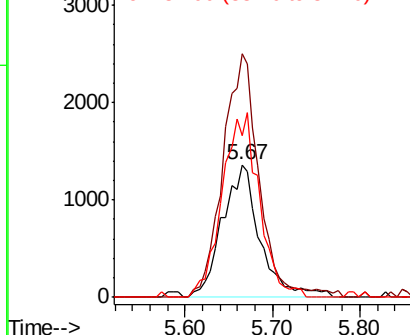
56 100

69 183.8 25.4 38.2#

84 121.8 71.4 107.2#



Abundance Ion 56.00 (55.70 to 56.70): PE4
Ion 69.00 (68.70 to 69.70): PE4
Ion 84.00 (83.70 to 84.70): PE4



#33

1,2-Dichloroethane-d4

Concen: 0.601 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: PE4.D

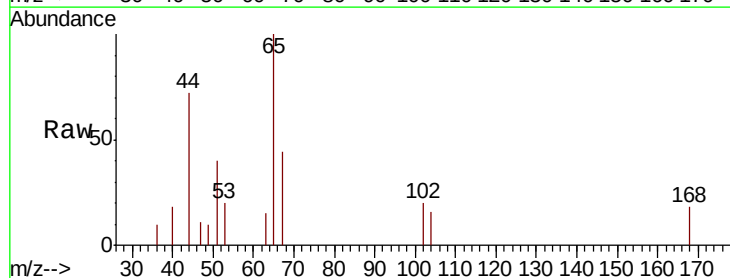
Acq: 19 Oct 2018 20:07

Tgt Ion: 65 Resp: 1455

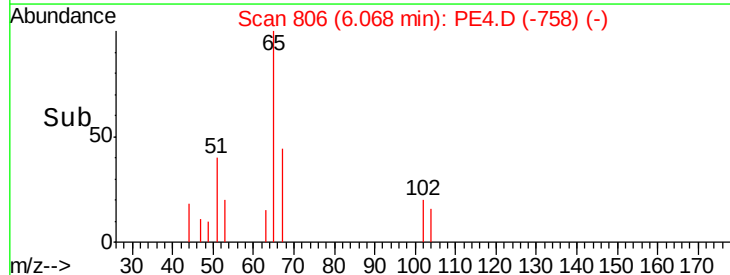
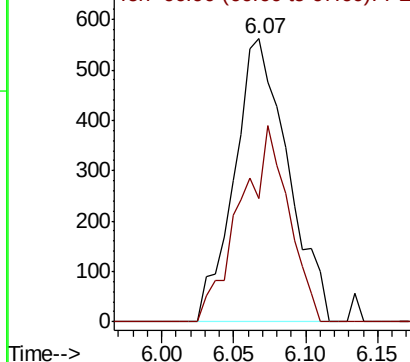
Ion Ratio Lower Upper

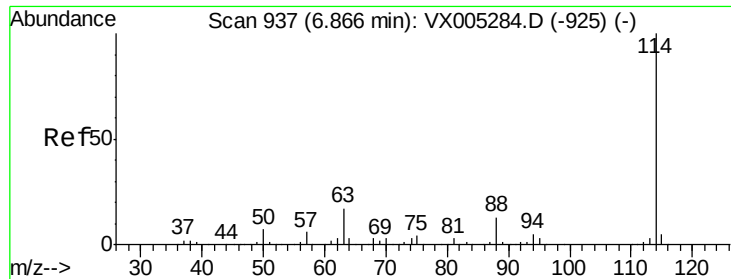
65 100

67 62.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): PE4
Ion 66.90 (66.60 to 67.60): PE4

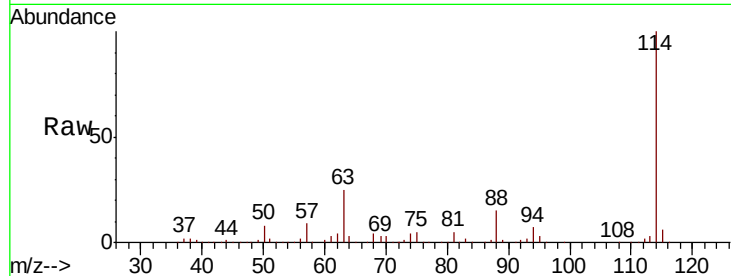




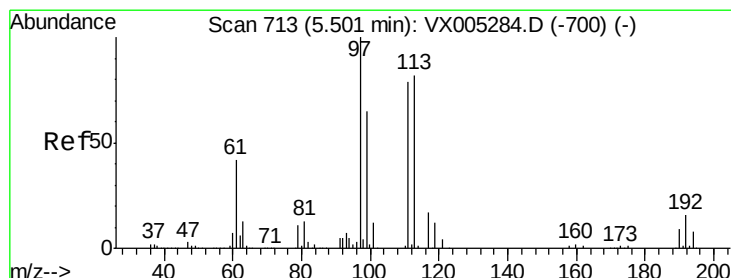
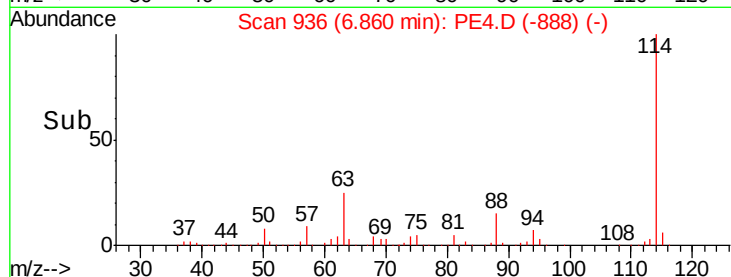
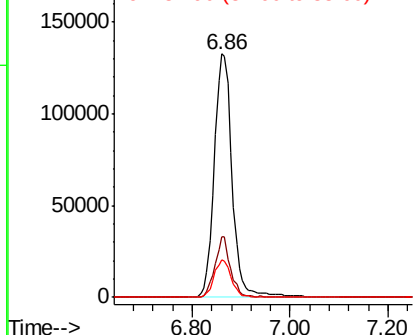
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: PE4.D
 Acq: 19 Oct 2018 20:07

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:114 Resp: 336742
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 39.0
 88 15.4 0.0 30.4

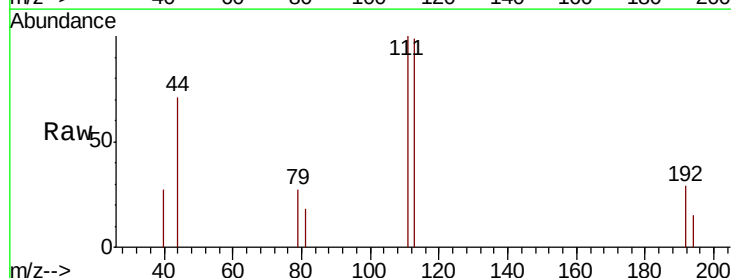


Abundance Ion 113.90 (113.60 to 114.60): F
 Ion 63.00 (62.70 to 63.70): PE4
 Ion 87.90 (87.60 to 88.60): PE4

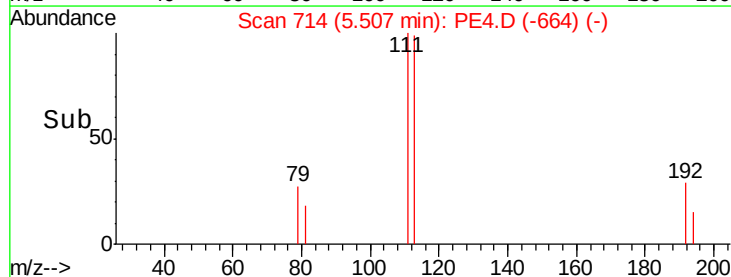
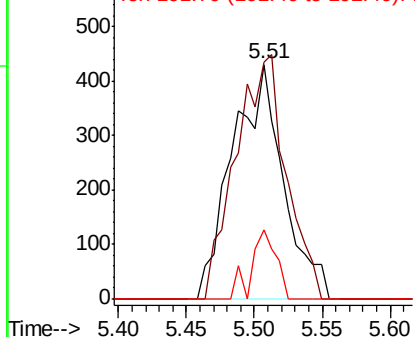


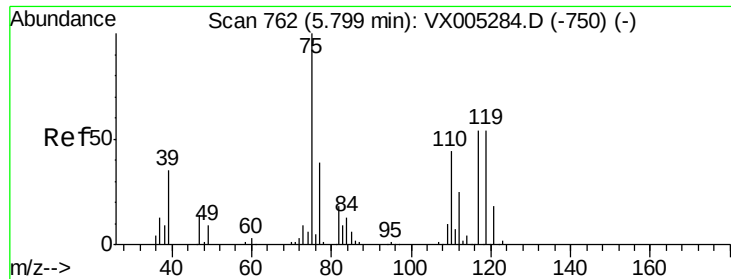
#35
 Dibromofluoromethane
 Concen: 0.505 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: PE4.D
 Acq: 19 Oct 2018 20:07

Tgt Ion:113 Resp: 1127
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.4 123.6
 192 14.1 19.4 29.2#



Abundance Ion 112.80 (112.50 to 113.50): F
 Ion 110.80 (110.50 to 111.50): F
 Ion 191.70 (191.40 to 192.40): F

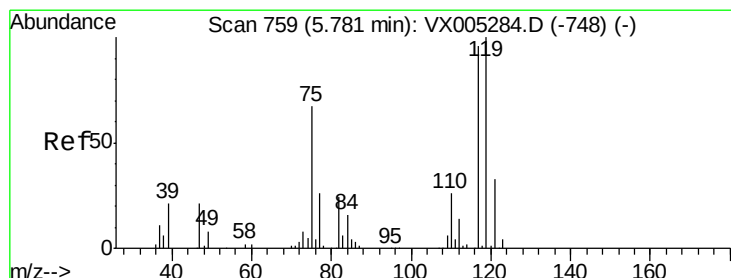
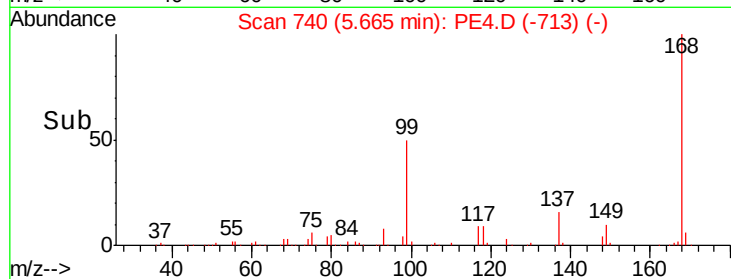
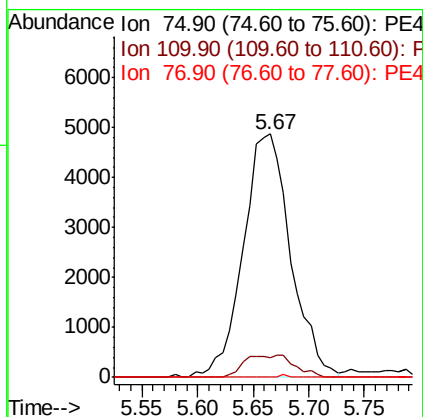
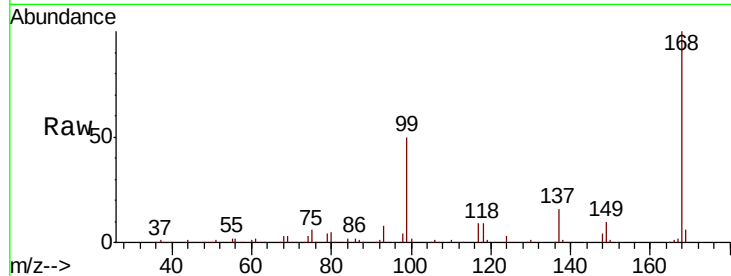




#36
 1,1-Dichloropropene
 Concen: 4.425 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: PE4.D
 Acq: 19 Oct 2018 20:07

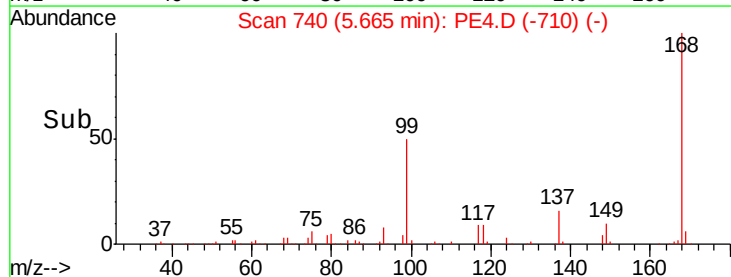
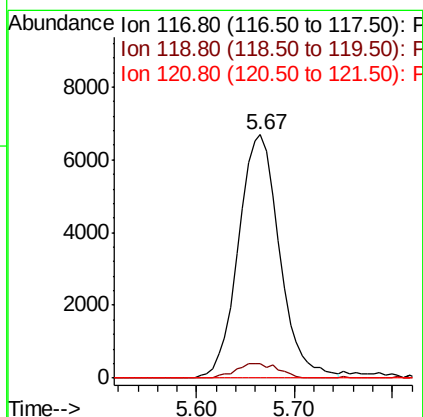
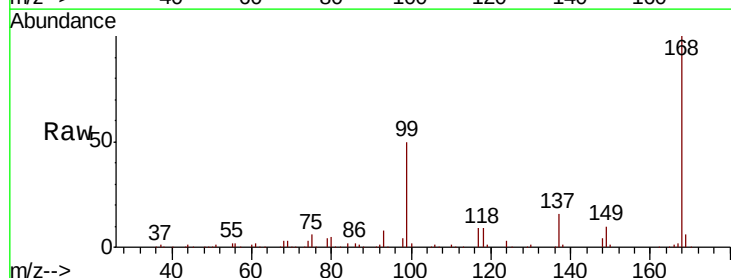
Instrument :
 MSVOA_X
 ClientSampleId :

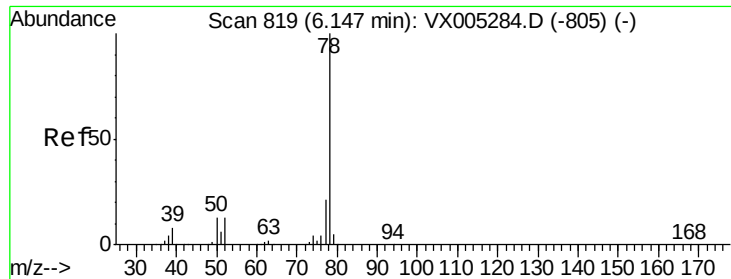
Tot Ion	75	Resp	14431
Ion Ratio	100	Lower	Upper
75	100		
110	0.0	18.0	54.0#
77	0.1	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.966 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: PE4.D
 Acq: 19 Oct 2018 20:07

Tgt Ion	117	Resp	19550
Ion Ratio	100	Lower	Upper
117	100		
119	5.7	78.8	118.2#
121	0.0	24.9	37.3#





#40

Benzene

Concen: 0.921 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.01 min

Lab File: PE4.D

Acq: 19 Oct 2018 20:07

Instrument :

MSVOA_X

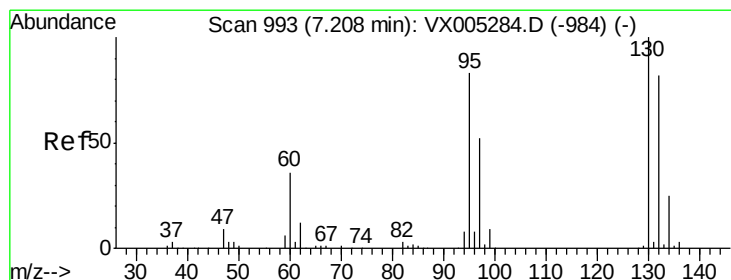
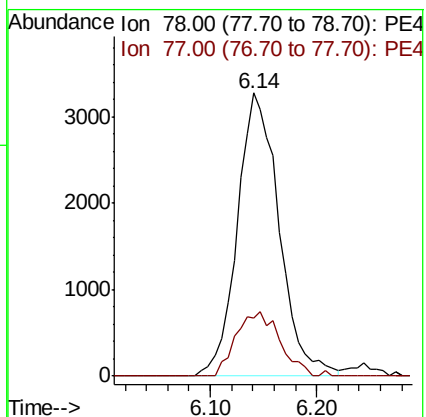
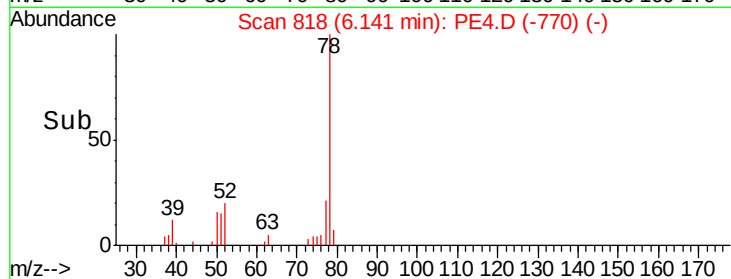
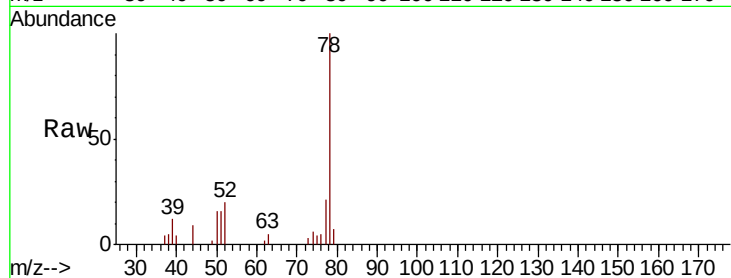
ClientSampleId :

Tot Ion: 78 Resp: 9014

Ion Ratio Lower Upper

78 100

77 20.6 19.0 28.4



#44

Trichloroethene

Concen: Below Cal

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: PE4.D

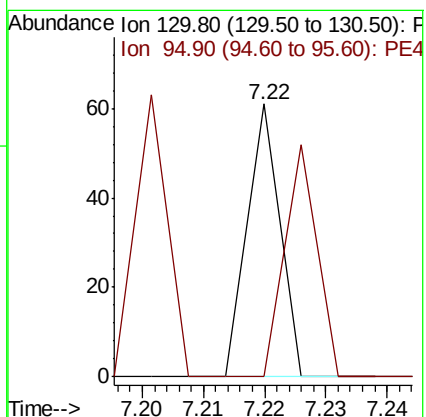
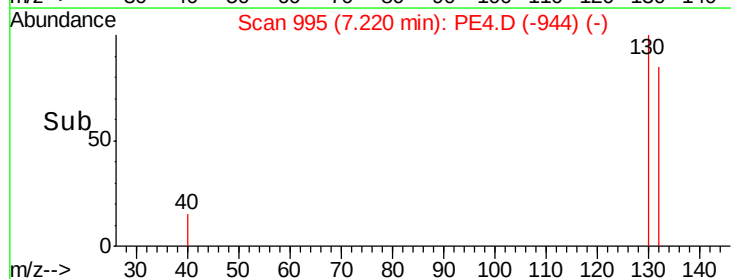
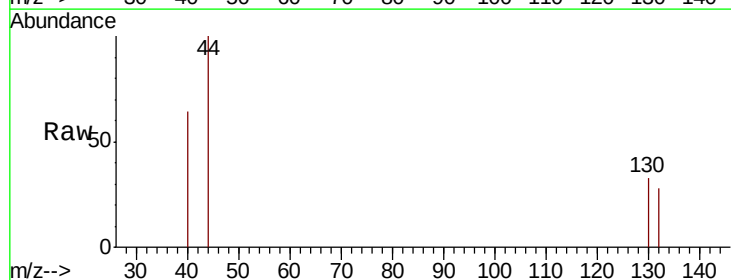
Acq: 19 Oct 2018 20:07

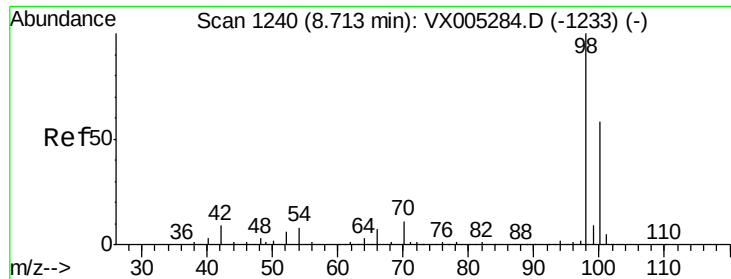
Tgt Ion:130 Resp: 22

Ion Ratio Lower Upper

130 100

95 0.0 0.0 181.6

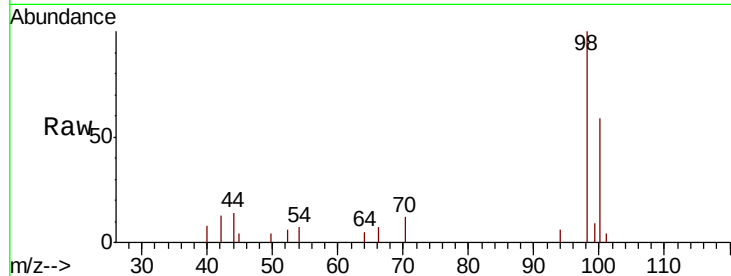




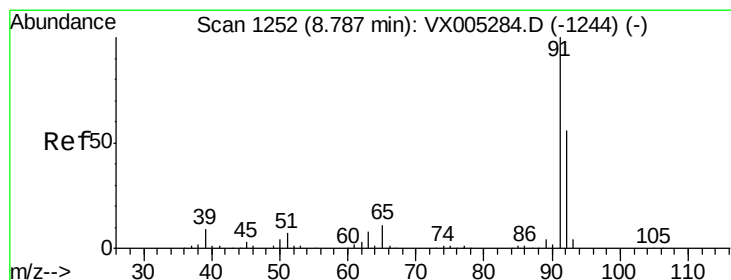
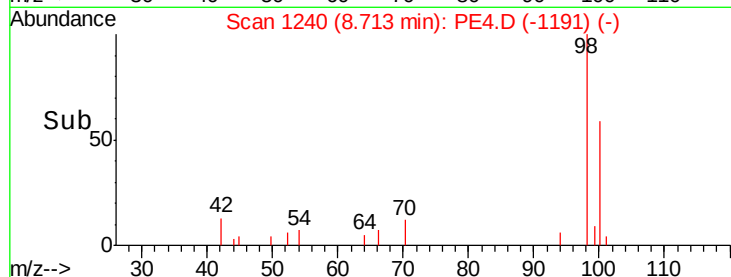
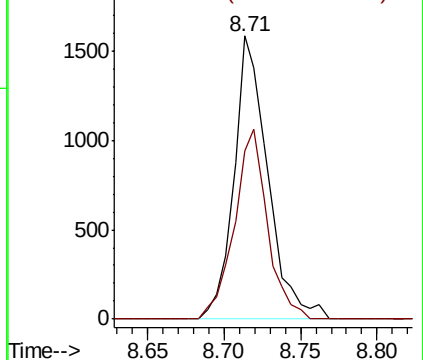
#50
Toluene-d8
Concen: 0.317 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: PE4.D
Acq: 19 Oct 2018 20:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 98 Resp: 2426
Ion Ratio Lower Upper
98 100
100 65.7 52.9 79.3

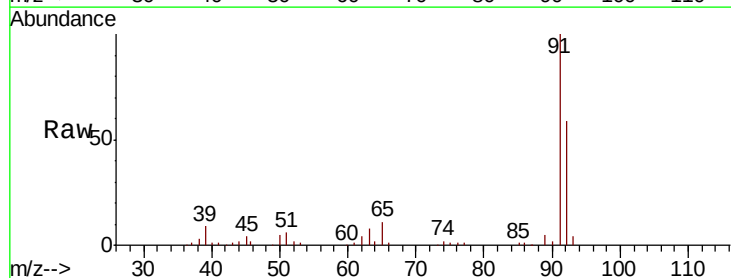


Abundance Ion 98.00 (97.70 to 98.70): PE4
Ion 100.00 (99.70 to 100.70): PE4

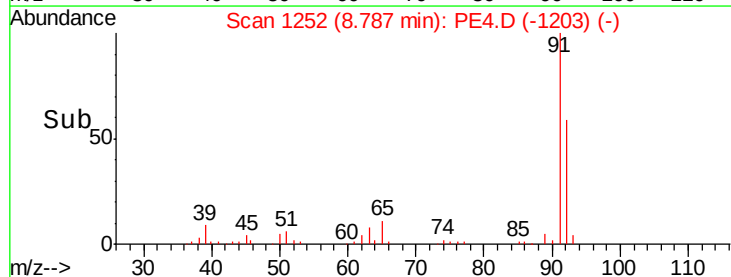
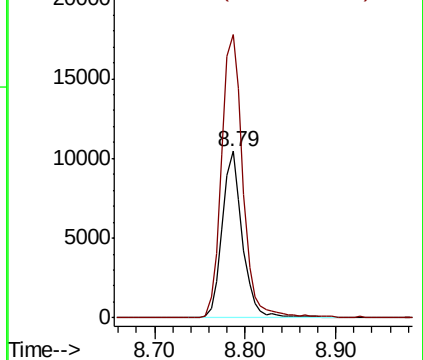


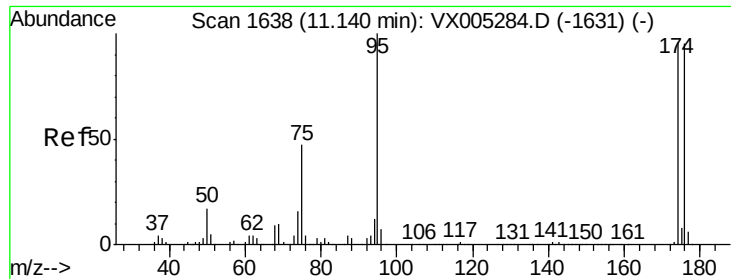
#52
Toluene
Concen: 3.041 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: PE4.D
Acq: 19 Oct 2018 20:07

Tgt Ion: 92 Resp: 16279
Ion Ratio Lower Upper
92 100
91 179.8 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): PE4
Ion 91.00 (90.70 to 91.70): PE4





#62

4-Bromofluorobenzene

Concen: 0.227 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: PE4.D

Acq: 19 Oct 2018 20:07

Instrument :

MSVOA_X

ClientSampleId :

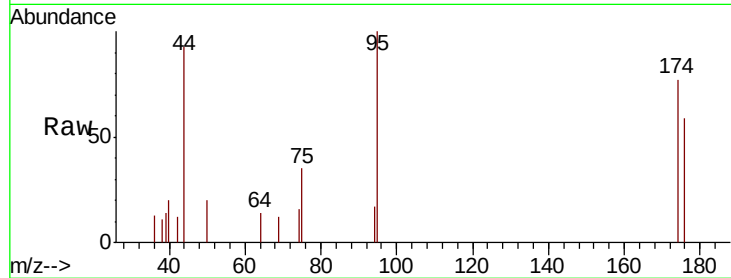
Tot Ion: 95 Resp: 653

Ion Ratio Lower Upper

95 100

174 72.1 0.0 185.2

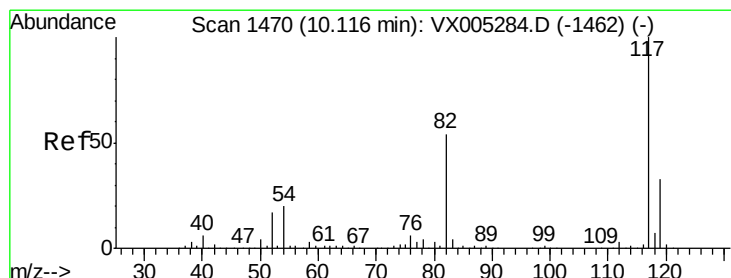
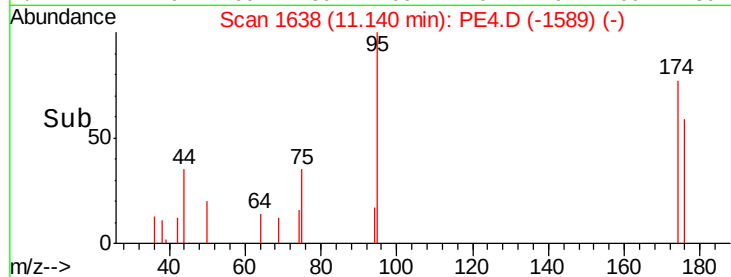
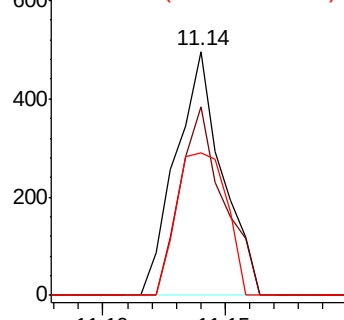
176 63.6 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): PE4

Ion 173.80 (173.50 to 174.50): F

Ion 175.80 (175.50 to 176.50): F



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: PE4.D

Acq: 19 Oct 2018 20:07

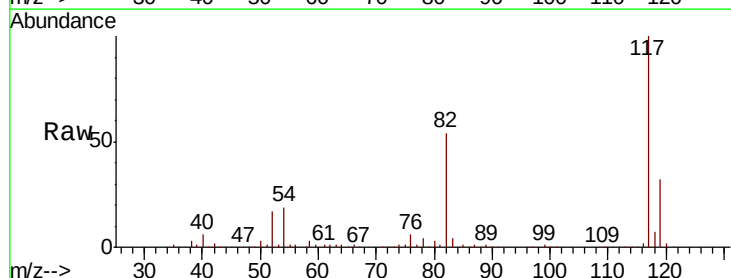
Tgt Ion: 117 Resp: 298620

Ion Ratio Lower Upper

117 100

82 54.0 47.8 71.6

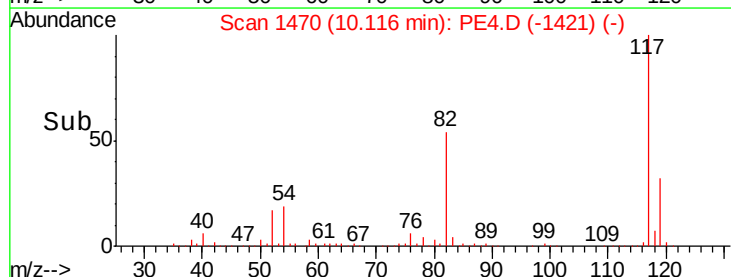
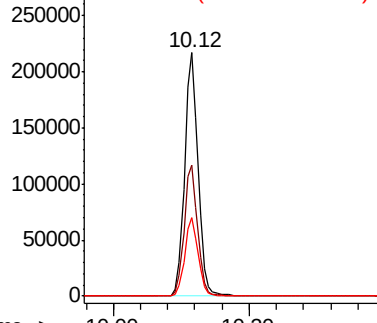
119 32.3 29.3 43.9

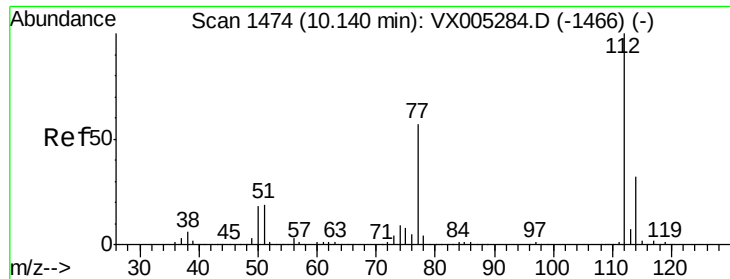


Abundance Ion 116.90 (116.60 to 117.60): F

Ion 82.00 (81.70 to 82.70): PE4

Ion 118.90 (118.60 to 119.60): F

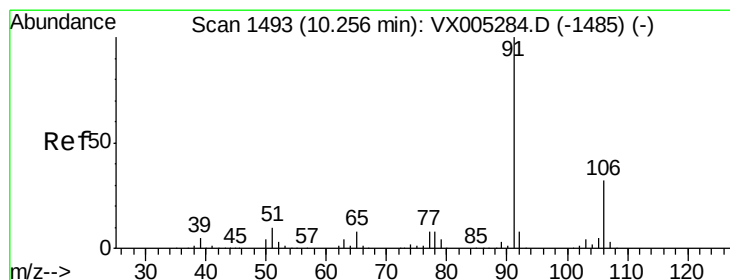
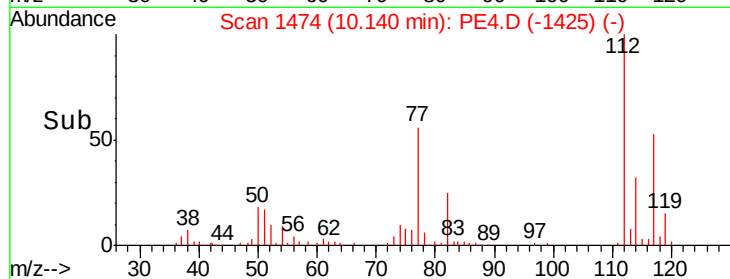
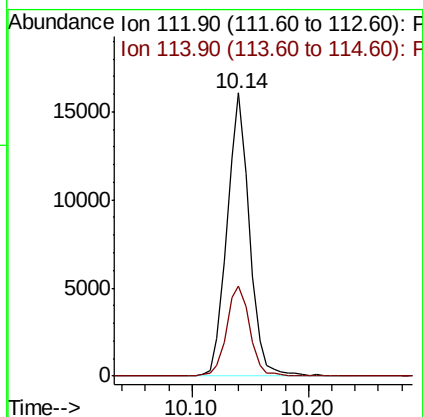
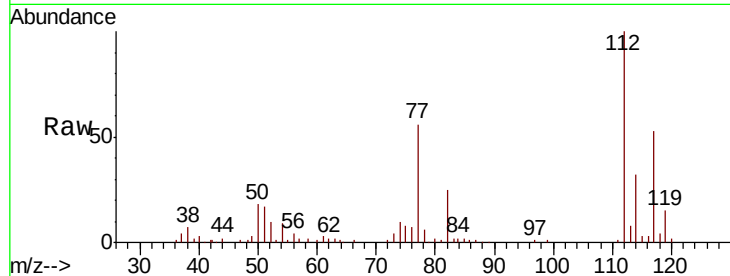




#65
Chlorobenzene
Concen: 3.369 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: PE4.D
Acq: 19 Oct 2018 20:07

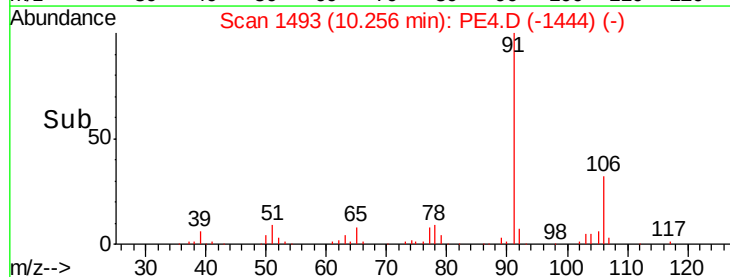
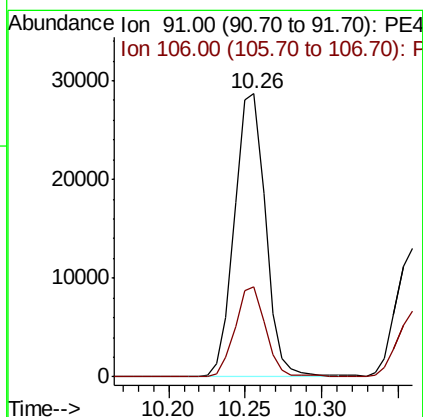
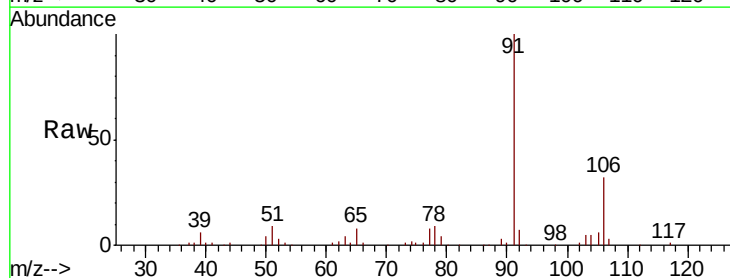
Instrument :
MSVOA_X
ClientSampled :

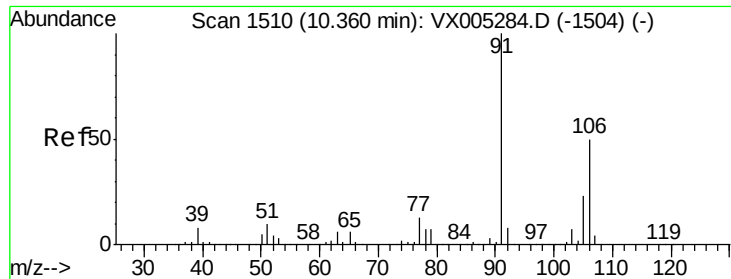
Tot Ion:112 Resp: 21398
Ion Ratio Lower Upper
112 100
114 31.8 27.8 41.8



#67
Ethyl Benzene
Concen: 3.935 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: PE4.D
Acq: 19 Oct 2018 20:07

Tgt Ion: 91 Resp: 40630
Ion Ratio Lower Upper
91 100
106 31.6 25.9 38.9

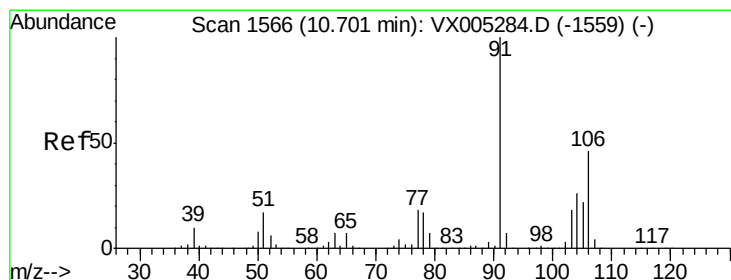
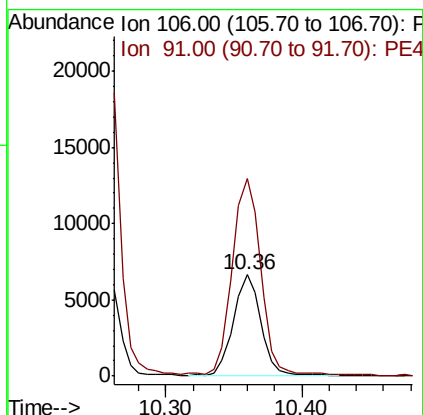
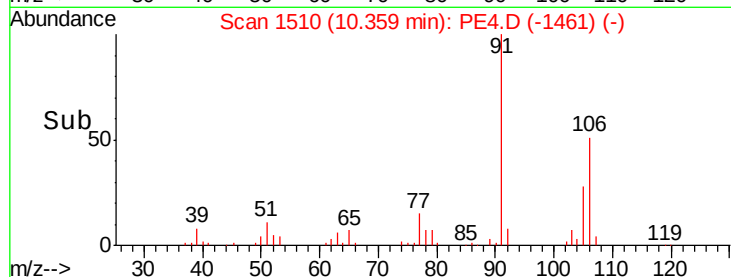
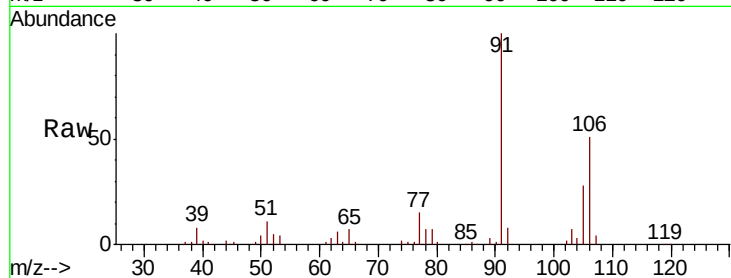




#68
m/p-Xylenes
Concen: 2.360 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: PE4.D
Acq: 19 Oct 2018 20:07

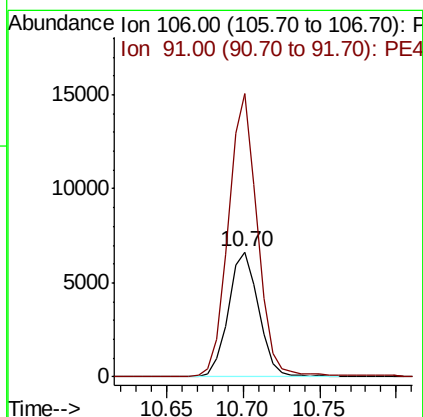
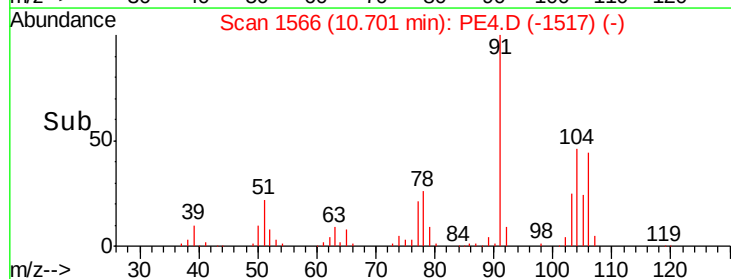
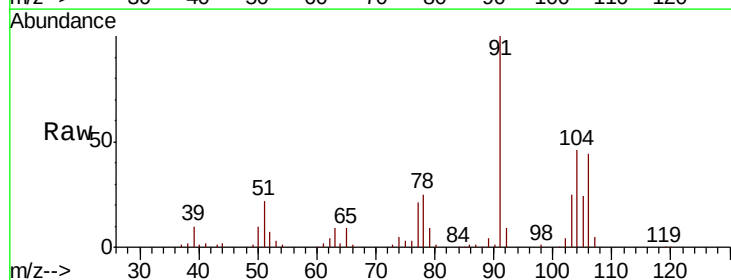
Instrument :
MSVOA_X
ClientSampled :

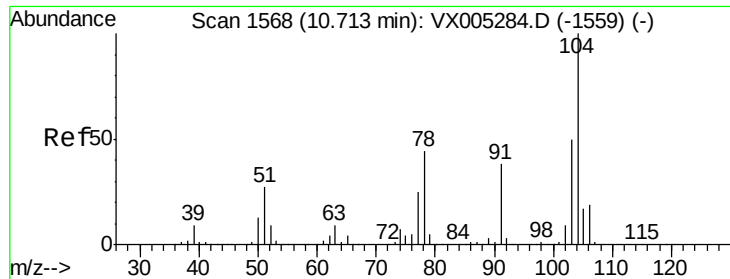
Tot Ion:106 Resp: 9460
Ion Ratio Lower Upper
106 100
91 201.0 157.1 235.7



#69
o-Xylene
Concen: 2.350 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: PE4.D
Acq: 19 Oct 2018 20:07

Tgt Ion:106 Resp: 9083
Ion Ratio Lower Upper
106 100
91 219.0 105.1 315.1





#70

Stvrene

Concen: 3.979 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: PE4.D

Acq: 19 Oct 2018 20:07

Instrument :

MSVOA_X

ClientSampled :

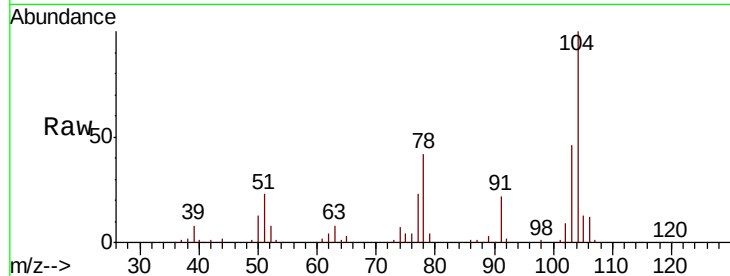
Tot Ion:104 Resp: 25295

Ion Ratio Lower Upper

104 100

78 46.0 37.4 56.0

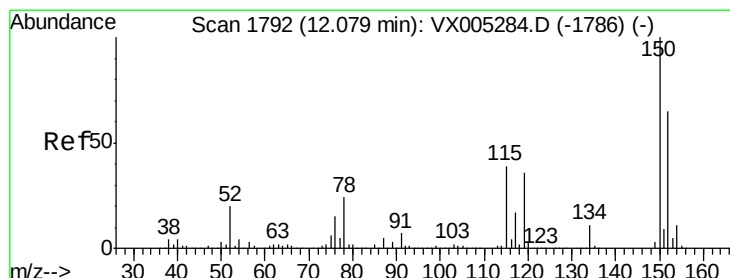
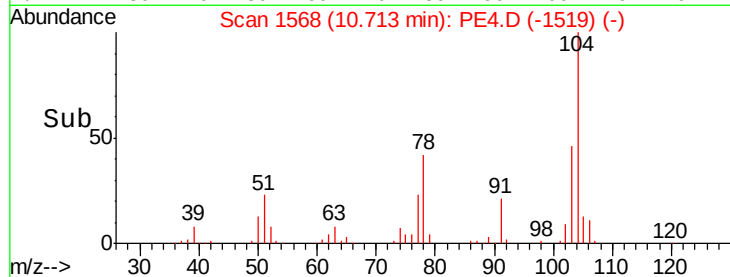
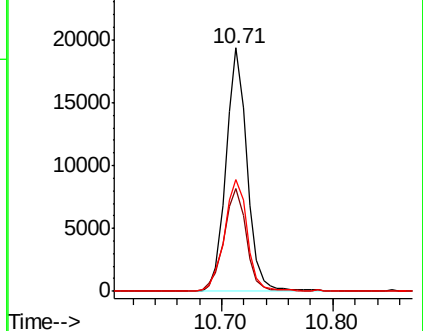
103 50.3 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): F

Ion 78.00 (77.70 to 78.70): PE4

Ion 103.00 (102.70 to 103.70): F



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: PE4.D

Acq: 19 Oct 2018 20:07

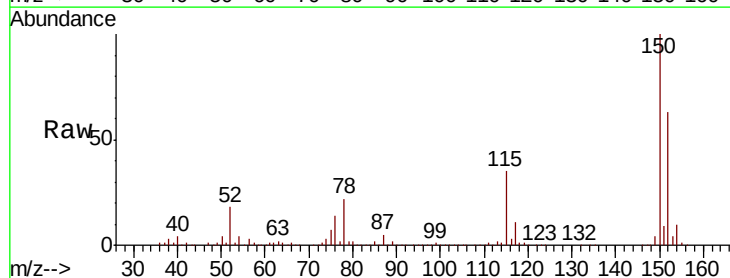
Tgt Ion:152 Resp: 160320

Ion Ratio Lower Upper

152 100

115 55.5 39.0 117.0

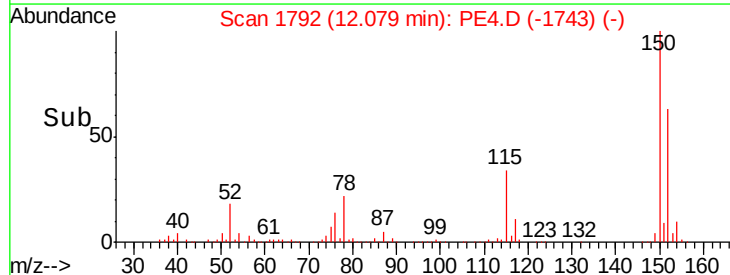
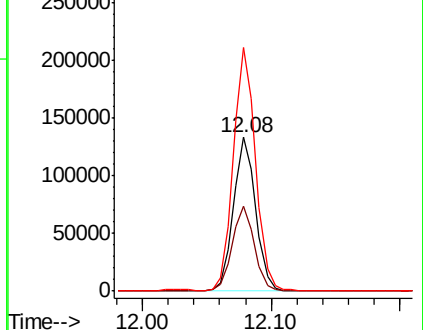
150 158.3 0.0 351.0

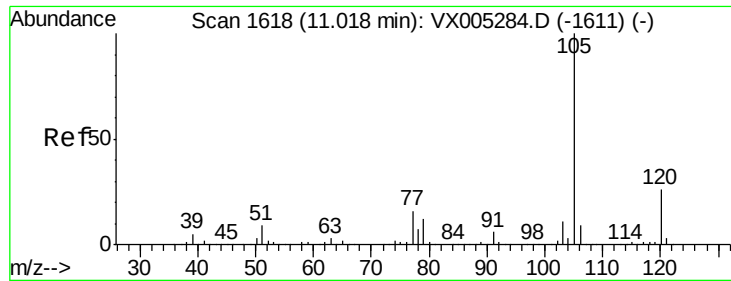


Abundance Ion 151.90 (151.60 to 152.60): F

Ion 114.90 (114.60 to 115.60): F

Ion 149.90 (149.60 to 150.60): F

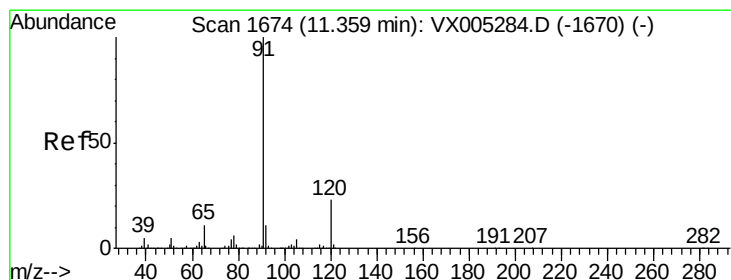
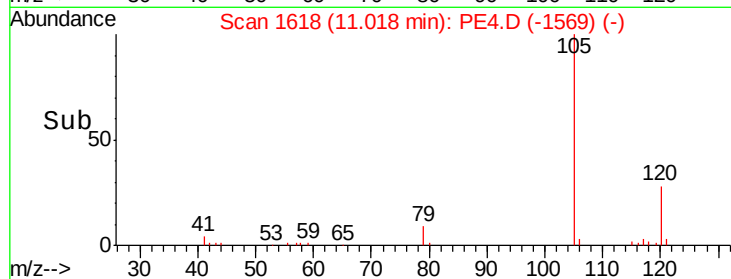
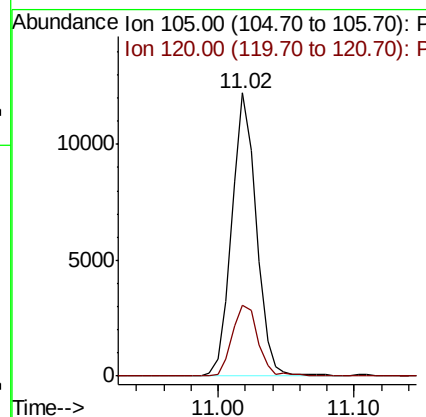
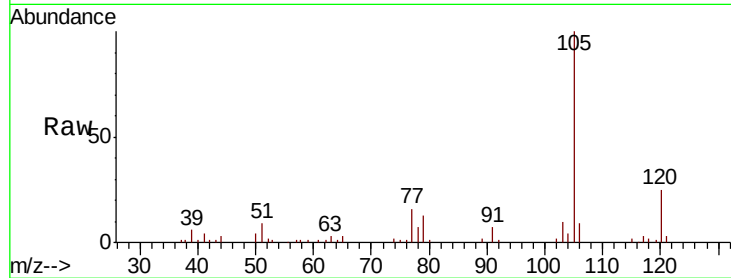




#73
Isopropylbenzene
Concen: 1.609 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: PE4.D
Acq: 19 Oct 2018 20:07

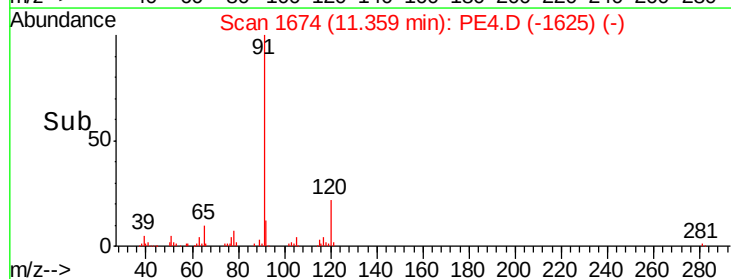
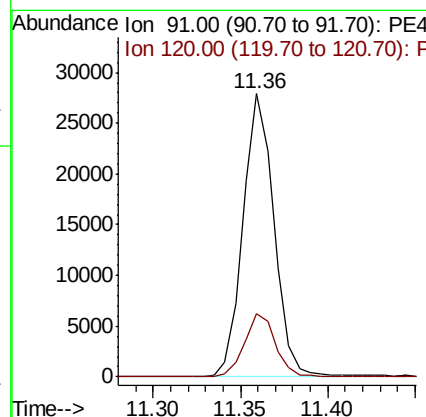
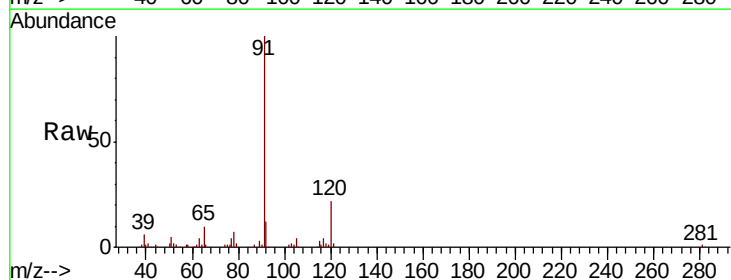
Instrument :
MSVOA_X
ClientSampleId :

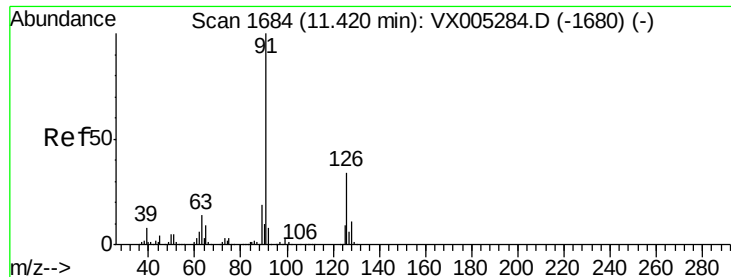
Tot Ion:105 Resp: 15339
Ion Ratio Lower Upper
105 100
120 26.4 13.5 40.4



#78
n-propylbenzene
Concen: 3.133 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: PE4.D
Acq: 19 Oct 2018 20:07

Tgt Ion: 91 Resp: 34360
Ion Ratio Lower Upper
91 100
120 22.3 11.9 35.9

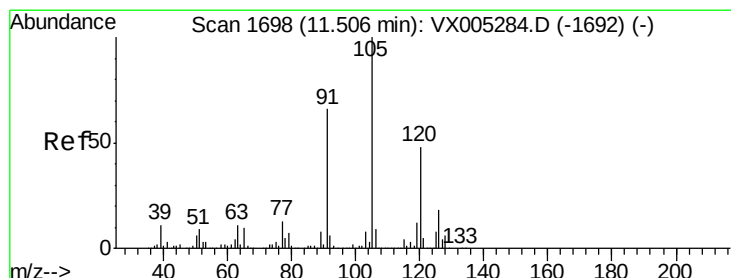
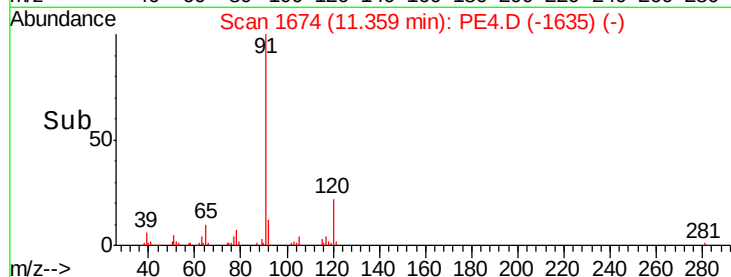
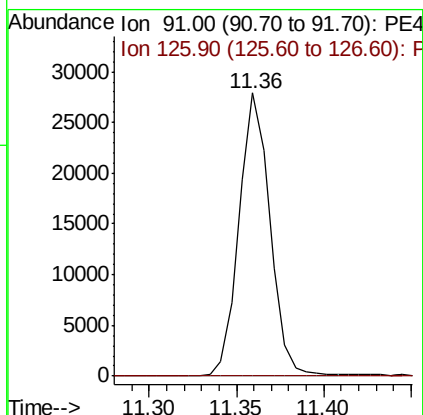
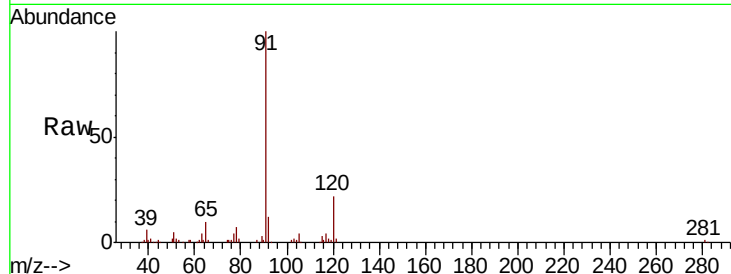




#79
 2-Chlorotoluene
 Concen: 5.116 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.06 min
 Lab File: PE4.D
 Acq: 19 Oct 2018 20:07

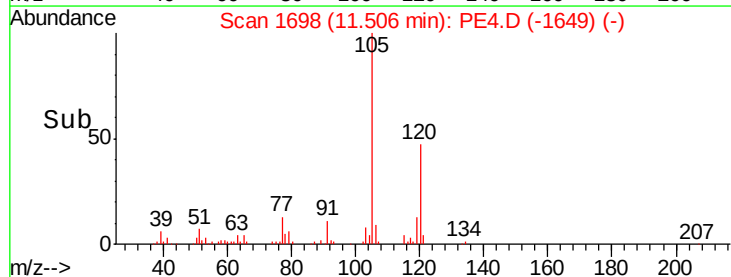
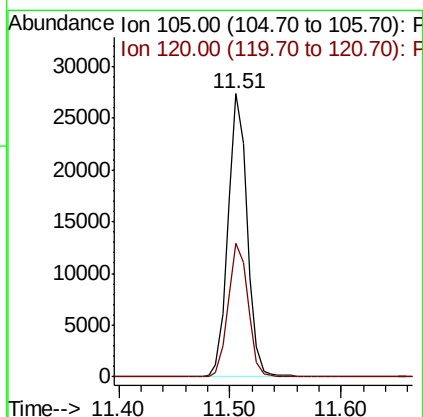
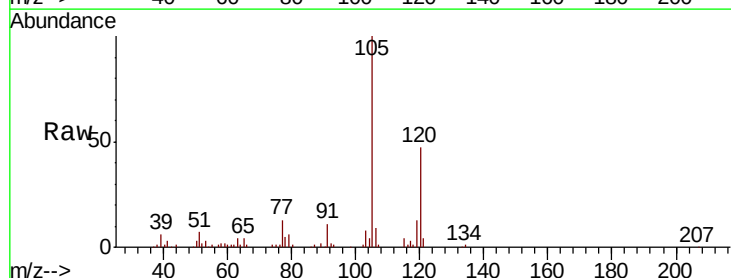
Instrument :
 MSVOA_X
 ClientSampleId :

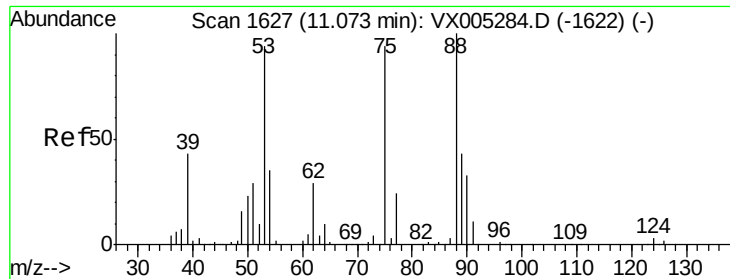
Tot Ion: 91 Resp: 34360
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.9 53.7#



#80
 1,3,5-Trimethylbenzene
 Concen: 4.002 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: PE4.D
 Acq: 19 Oct 2018 20:07

Tgt Ion:105 Resp: 32660
 Ion Ratio Lower Upper
 105 100
 120 48.9 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 0.207 ug/l

RT: 11.02 min Scan# 1619

Delta R.T. -0.05 min

Lab File: PE4.D

Acq: 19 Oct 2018 20:07

Instrument :

MSVOA_X

ClientSampled :

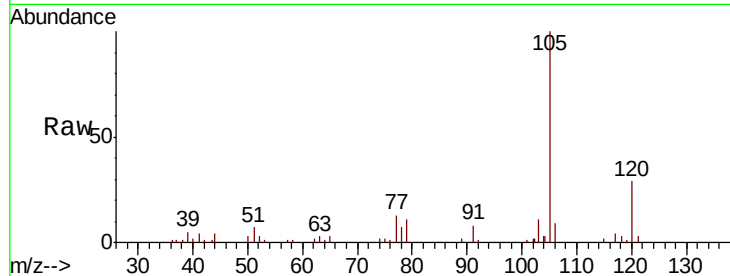
Tot Ion: 75 Resp: 212

Ion Ratio Lower Upper

75 100

53 87.3 80.1 120.1

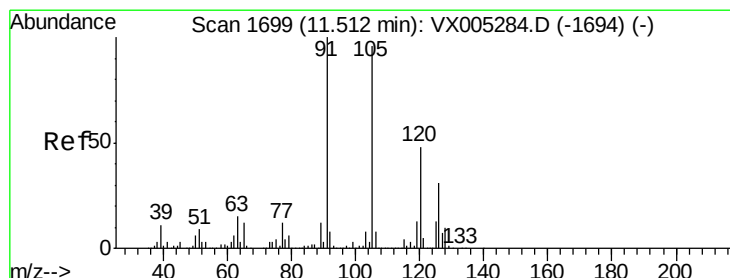
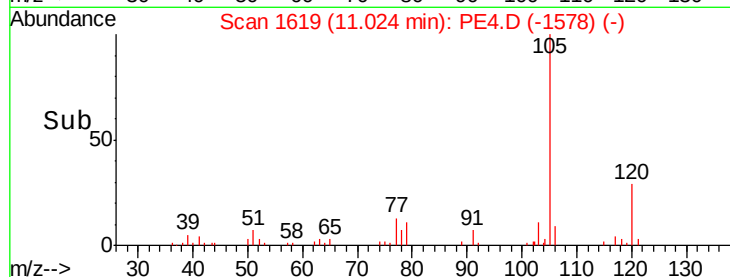
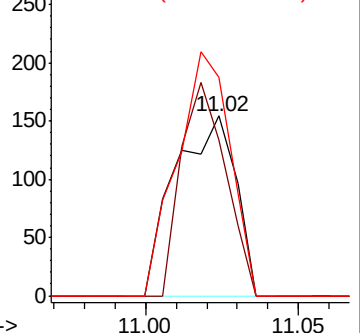
89 119.3 37.2 55.8#



Abundance Ion 74.90 (74.60 to 75.60): PE4

Ion 53.00 (52.70 to 53.70): PE4

Ion 88.90 (88.60 to 89.60): PE4



#82

4-Chlorotoluene

Concen: 0.454 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: PE4.D

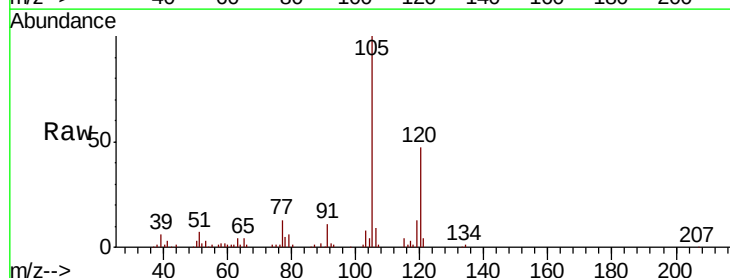
Acq: 19 Oct 2018 20:07

Tgt Ion: 91 Resp: 3614

Ion Ratio Lower Upper

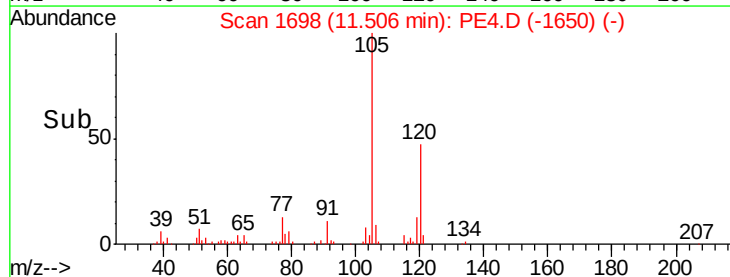
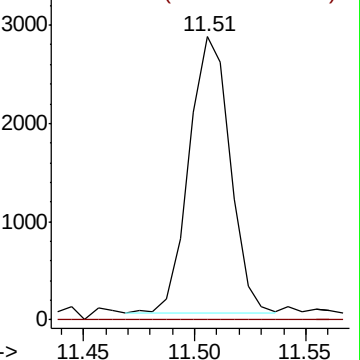
91 100

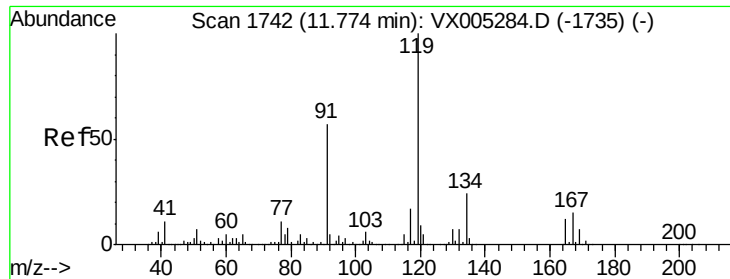
126 0.0 15.5 46.5#



Abundance Ion 91.00 (90.70 to 91.70): PE4

Ion 125.90 (125.60 to 126.60): F

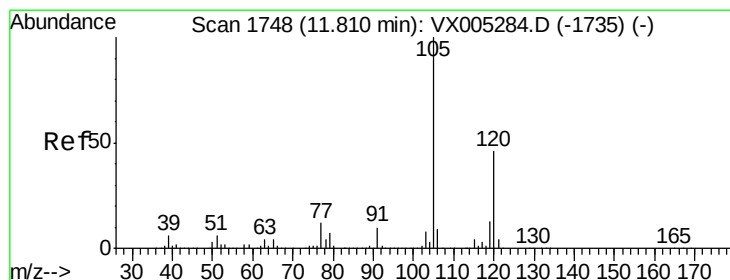
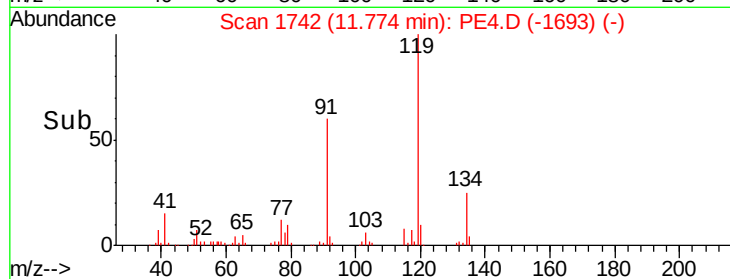
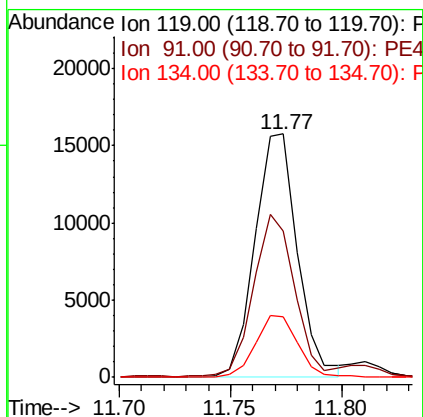
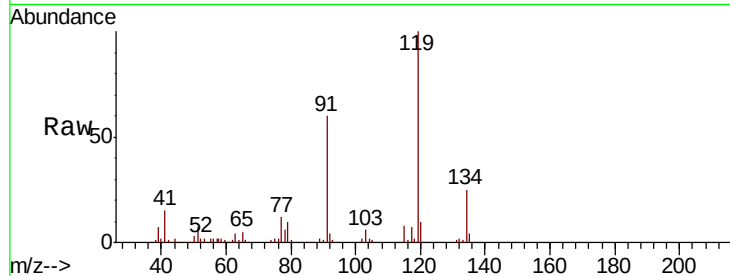




#83
 tert-Butylbenzene
 Concen: 2.550 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: PE4.D
 Acq: 19 Oct 2018 20:07

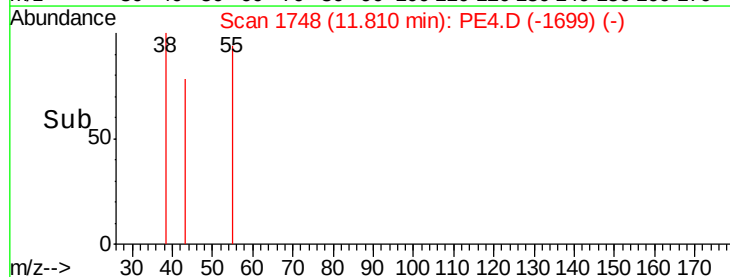
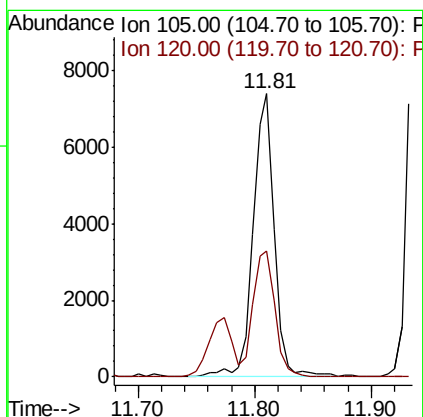
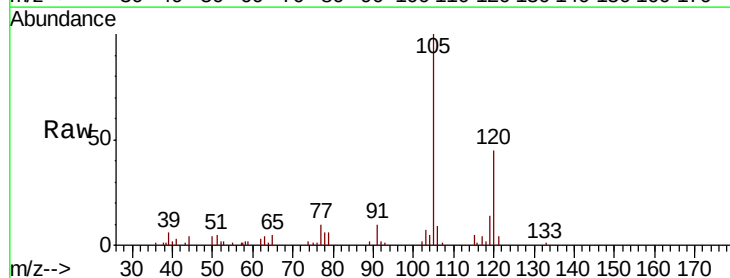
Instrument :
 MSVOA_X
 ClientSampleId :

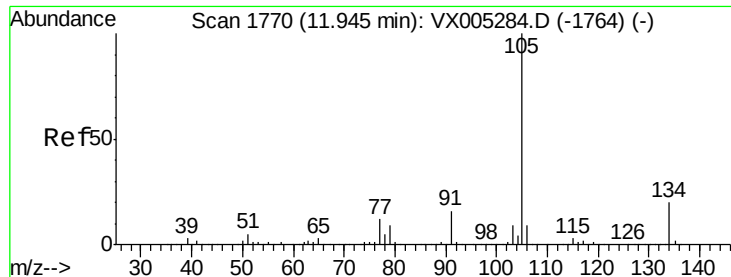
Tot Ion:119 Resp: 21075
 Ion Ratio Lower Upper
 119 100
 91 64.7 27.0 81.0
 134 25.0 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 1.114 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: PE4.D
 Acq: 19 Oct 2018 20:07

Tgt Ion:105 Resp: 9359
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 4.170 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: PE4.D

Acq: 19 Oct 2018 20:07

Instrument :

MSVOA_X

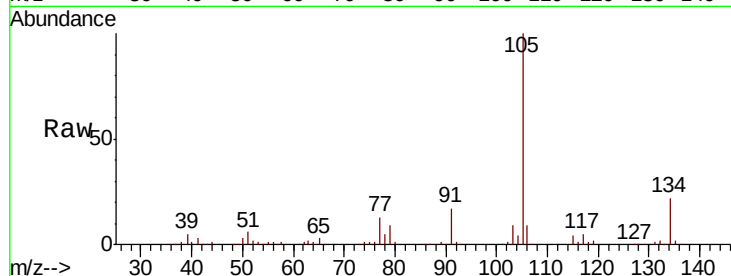
ClientSampleId :

Tot Ion:105 Resp: 40782

Ion Ratio Lower Upper

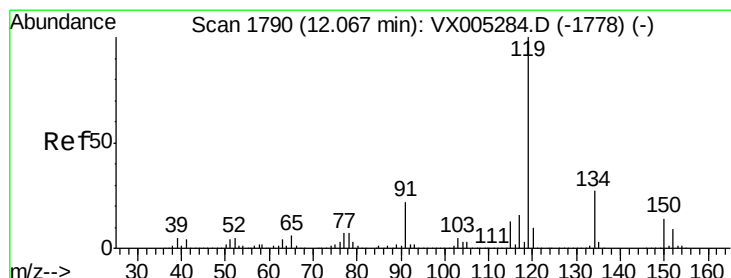
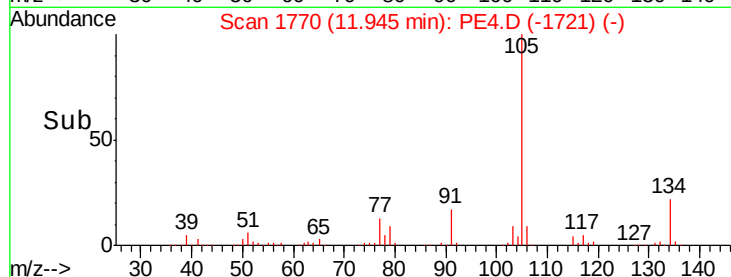
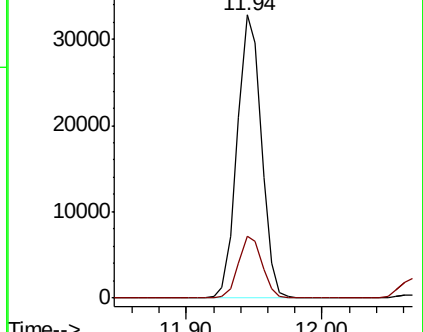
105 100

134 21.5 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): F

Ion 134.00 (133.70 to 134.70): F



#86

p-Isopropyltoluene

Concen: 1.140 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: PE4.D

Acq: 19 Oct 2018 20:07

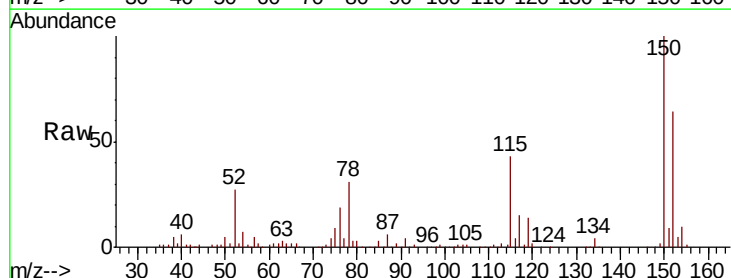
Tgt Ion:119 Resp: 10082

Ion Ratio Lower Upper

119 100

134 29.2 13.4 40.2

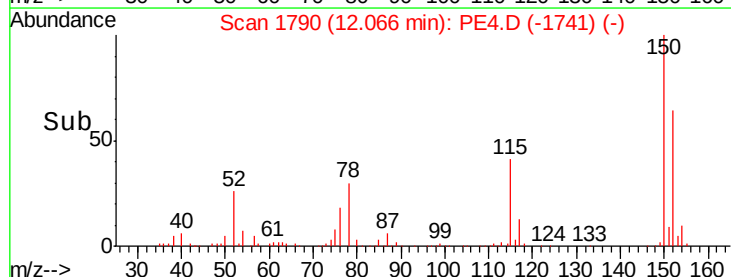
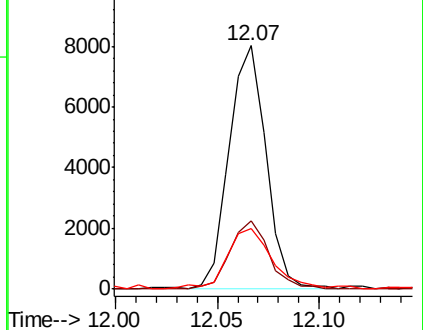
91 31.2 10.9 32.7

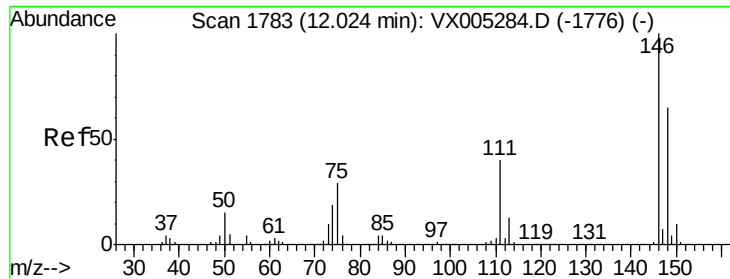


Abundance Ion 119.00 (118.70 to 119.70): F

Ion 134.00 (133.70 to 134.70): F

Ion 91.00 (90.70 to 91.70): PE4

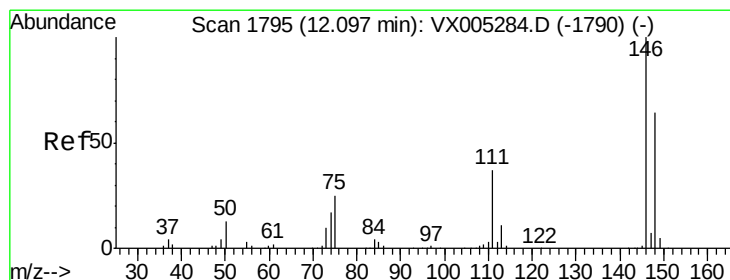
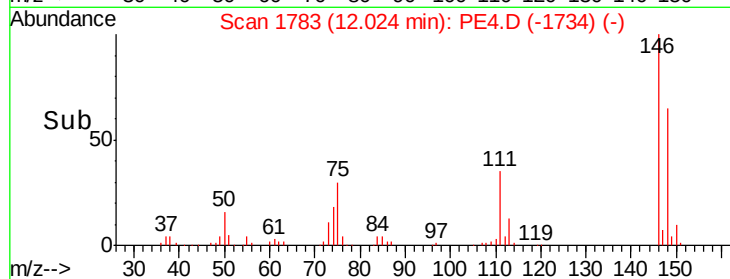
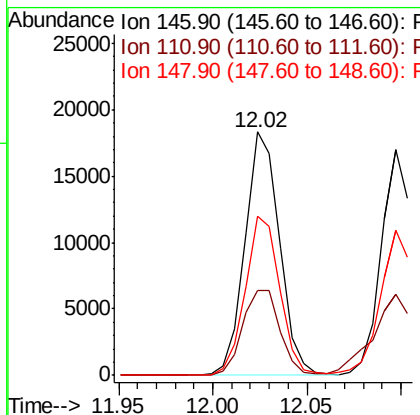
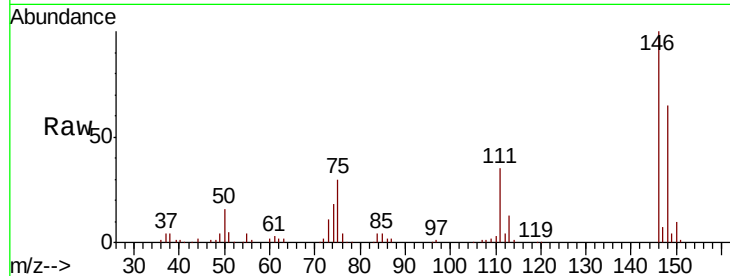




#87
 1,3-Dichlorobenzene
 Concen: 4.584 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: PE4.D
 Acq: 19 Oct 2018 20:07

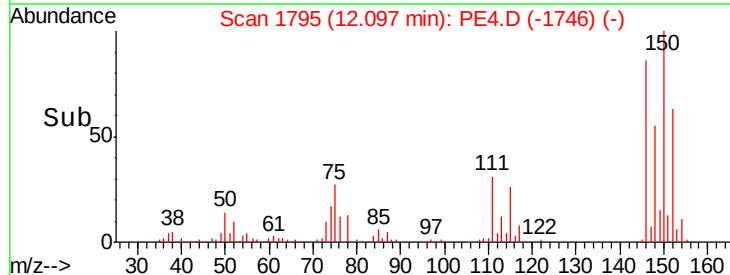
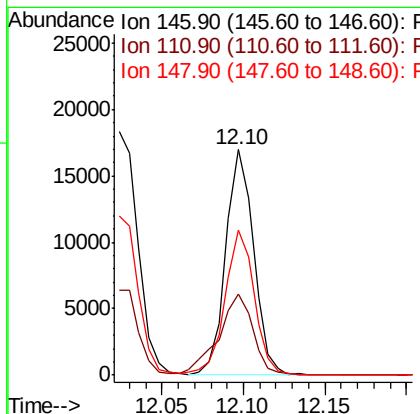
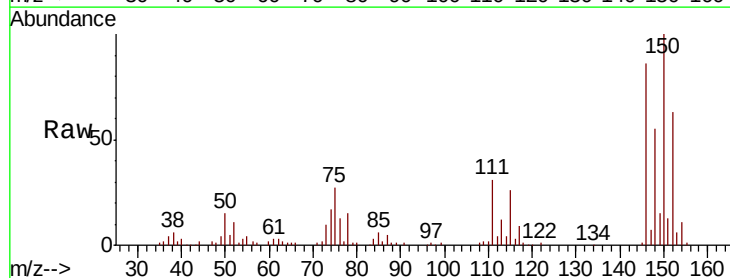
Instrument :
 MSVOA_X
 ClientSampled :

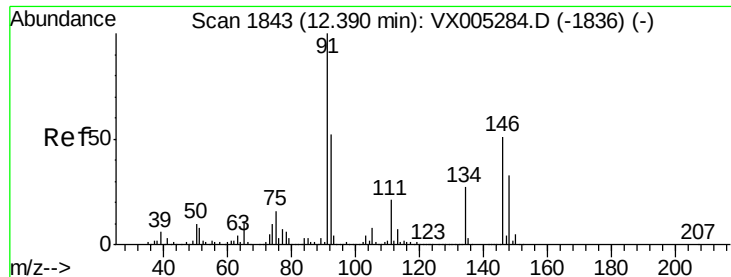
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.7	56.1
148	65.5	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 3.885 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: PE4.D
 Acq: 19 Oct 2018 20:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.8	18.1	54.1
148	67.6	32.0	96.0

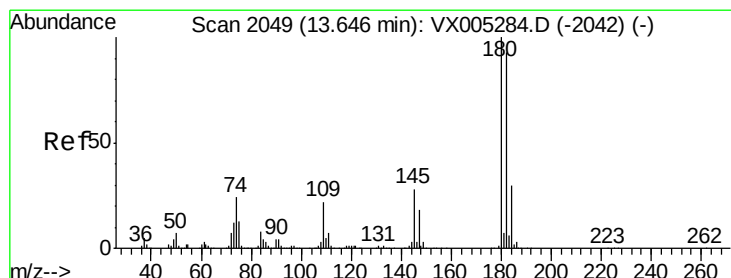
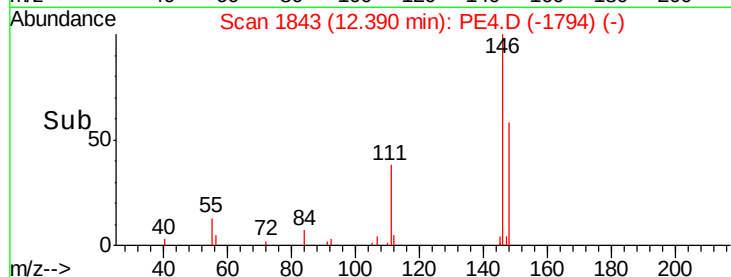
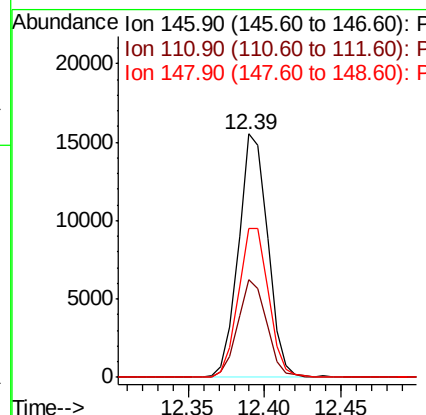
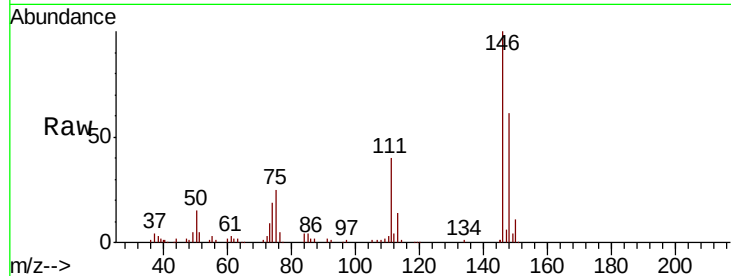




#91
 1,2-Dichlorobenzene
 Concen: 3.959 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: PE4.D
 Acq: 19 Oct 2018 20:07

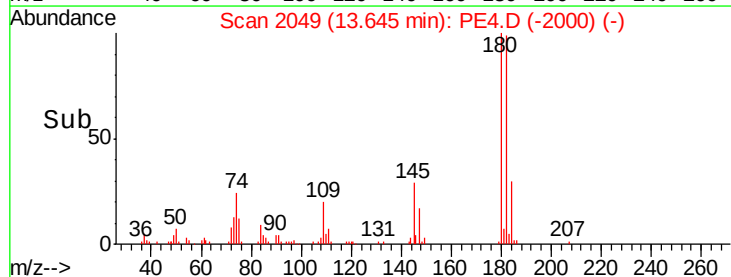
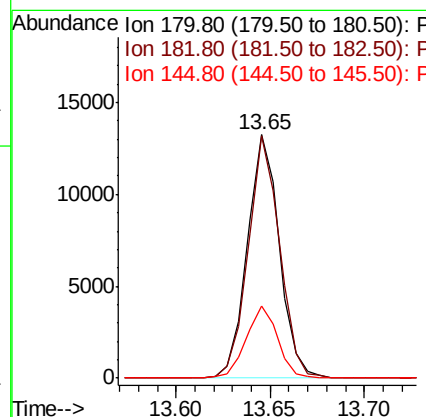
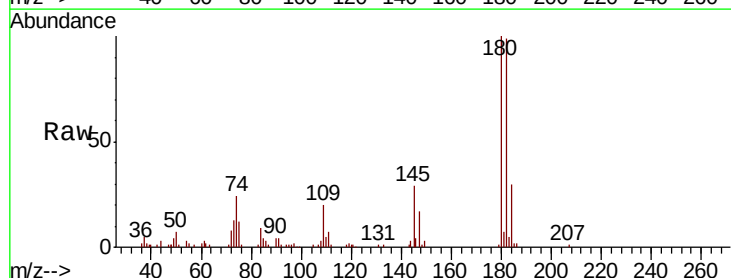
Instrument :
 MSVOA_X
 ClientSampleId :

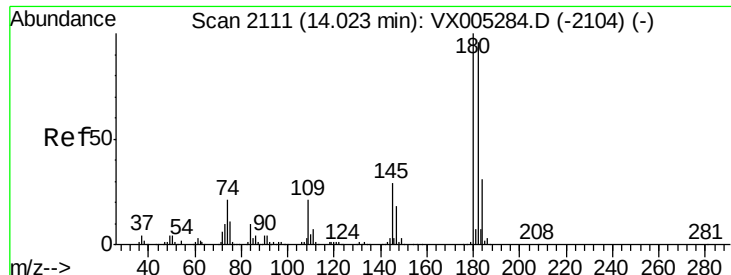
Tot Ion:146 Resp: 20574
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.4 58.1
 148 63.0 32.8 98.3



#93
 1,2,4-Trichlorobenzene
 Concen: 4.092 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: PE4.D
 Acq: 19 Oct 2018 20:07

Tgt Ion:180 Resp: 15600
 Ion Ratio Lower Upper
 180 100
 182 97.5 48.4 145.0
 145 28.8 14.3 42.9





#96
 1,2,3-Trichlorobenzene
 Concen: 3.964 ug/l
 RT: 14.02 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: PE4.D
 Acq: 19 Oct 2018 20:07

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.5	145.6
145	29.7	14.9	44.9

