

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101918\
 Data File : PE6.D
 Acq On : 19 Oct 2018 21:00
 Operator : JC/MD
 Sample : J5026-05 4X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 20 05:42:06 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	222424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	341584	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	304304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151015	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	1123	0.45	ug/l	0.00
Spiked Amount			Recovery	=	0.90%	
35) Dibromofluoromethane	5.49	113	596	0.26	ug/l	0.00
Spiked Amount			Recovery	=	0.52%	
50) Toluene-d8	8.71	98	1670	0.22	ug/l	0.00
Spiked Amount			Recovery	=	0.44%	
62) 4-Bromofluorobenzene	11.13	95	420	0.14	ug/l	0.00
Spiked Amount			Recovery	=	0.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	20686	11.895	ug/l	98
4) Vinyl Chloride	1.40	62	22424	8.784	ug/l	100
5) Bromomethane	1.64	94	9319	6.973	ug/l	94
6) Chloroethane	1.73	64	6717	4.384	ug/l	99
7) Trichlorofluoromethane	1.93	101	23484	6.894	ug/l	91
10) Methyl Iodide	2.51	142	381	2.657	ug/l #	92
11) Tert butyl alcohol	3.01	59	1322	1.898	ug/l #	72
12) 1,1-Dichloroethene	2.37	96	10568	5.425	ug/l #	78
13) Acrolein	2.29	56	116	Below Cal	#	41
16) Acetone	2.45	43	840	0.589	ug/l #	85
19) Methyl tert-butyl Ether	3.21	73	73385	10.696	ug/l	97
20) Methylene Chloride	2.85	84	9404	3.299	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	2420	1.121	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	11401	4.859	ug/l	99
31) Cyclohexane	5.66	56	3864	1.139	ug/l #	1
32) 1,1,1-Trichloroethane	5.49	97	3227	0.970	ug/l #	49
36) 1,1-Dichloropropene	5.81	75	11388	3.442	ug/l	98
38) Carbon Tetrachloride	5.77	117	3151	0.948	ug/l #	82
42) 1,2-Dichloroethane	6.20	62	15216	4.342	ug/l	99
44) Trichloroethene	7.21	130	7023	2.176	ug/l	82
45) 1,2-Dichloropropane	7.52	63	10935	4.492	ug/l	99
48) Methyl methacrylate	7.52	41	5407	1.840	ug/l #	29
53) t-1,3-Dichloropropene	9.04	75	9736	3.027	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	6851	1.966	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	3142	1.366	ug/l	93
57) 1,3-Dichloropropane	9.37	76	13518	3.522	ug/l	99
60) Dibromochloromethane	9.34	129	6417	2.700	ug/l #	11
64) Tetrachloroethene	9.34	164	7143	2.916	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	1386	0.601	ug/l #	66
76) 1,2,3-Trichloropropane	11.30	75	16102	5.497	ug/l	89
81) trans-1,4-Dichloro-2-buten	11.30	75	16101	16.701	ug/l #	9

(#) = 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: PE6.D

Acq: 19 Oct 2018 21:00

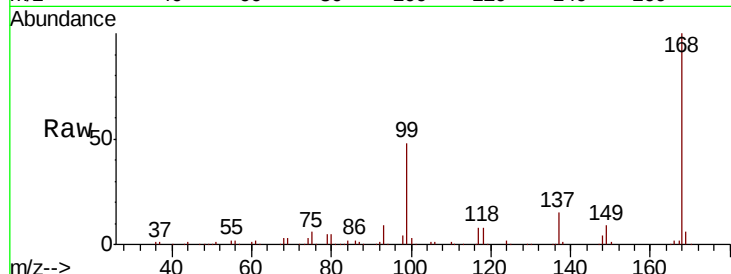
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 222424

Ion Ratio Lower Upper

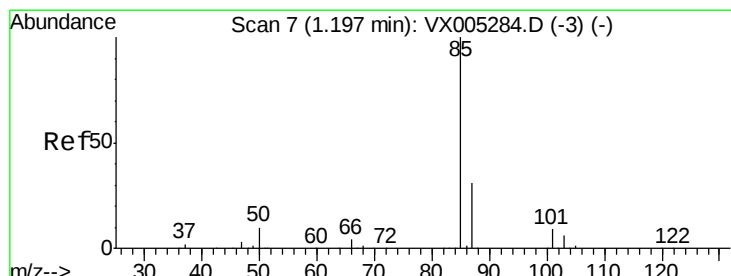
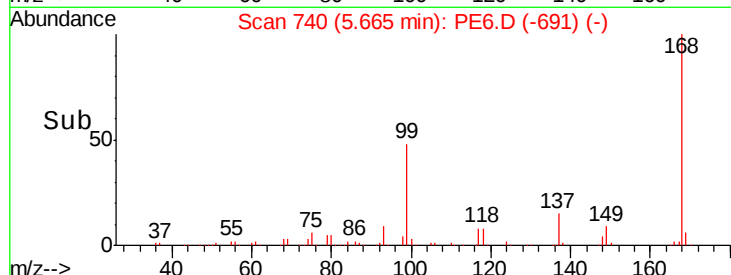
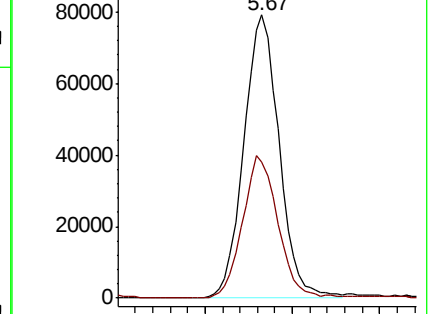
168 100

99 48.1 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): F

Ion 98.90 (98.60 to 99.60): PE6



#2

Dichlorodifluoromethane

Concen: 11.895 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: PE6.D

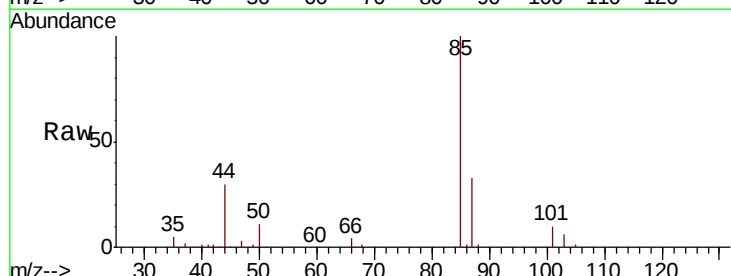
Acq: 19 Oct 2018 21:00

Tgt Ion: 85 Resp: 20686

Ion Ratio Lower Upper

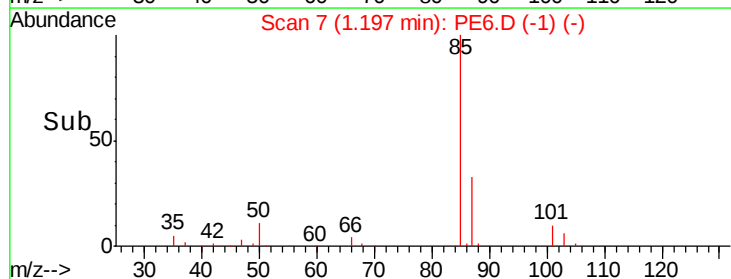
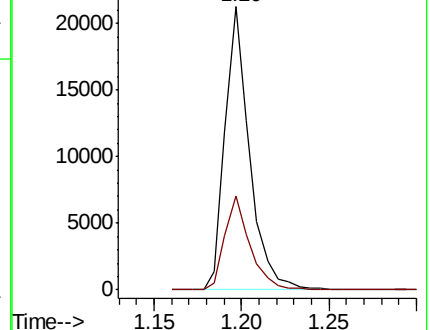
85 100

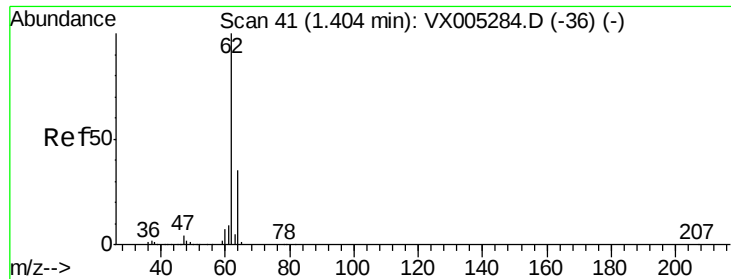
87 33.0 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): PE6

Ion 86.90 (86.60 to 87.60): PE6





#4

Vinyl Chloride

Concen: 8.784 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: PE6.D

Acq: 19 Oct 2018 21:00

Instrument :

MSVOA_X

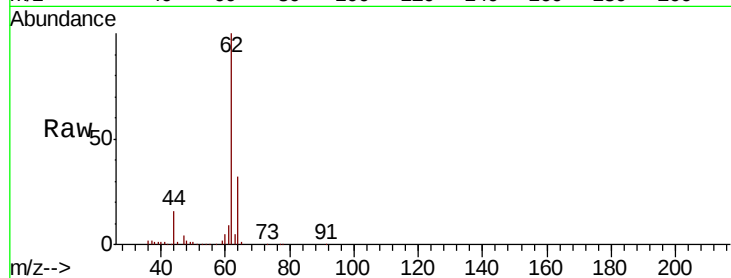
ClientSampleId :

Tot Ion: 62 Resp: 22424

Ion Ratio Lower Upper

62 100

64 32.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): PE6

Ion 63.90 (63.60 to 64.60): PE6

1.40

25000

20000

15000

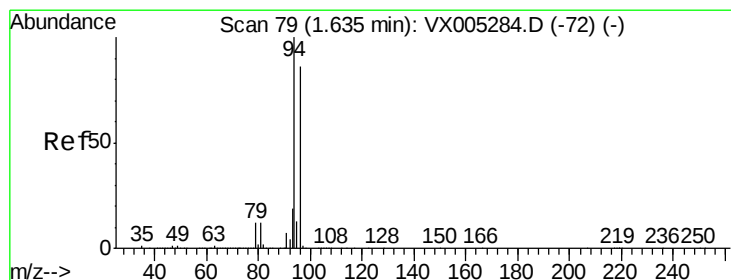
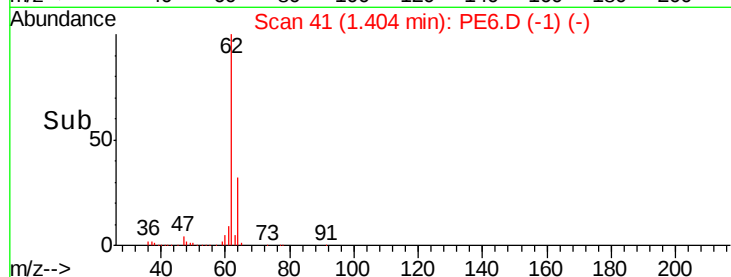
10000

5000

0

Time-->

1.35 1.40 1.45 1.50



#5

Bromomethane

Concen: 6.973 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: PE6.D

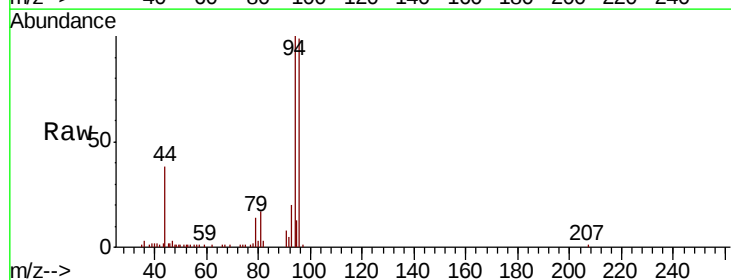
Acq: 19 Oct 2018 21:00

Tgt Ion: 94 Resp: 9319

Ion Ratio Lower Upper

94 100

96 98.6 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): PE6

Ion 95.90 (95.60 to 96.60): PE6

8000

6000

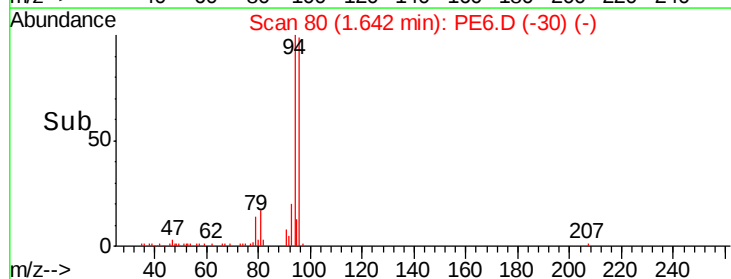
4000

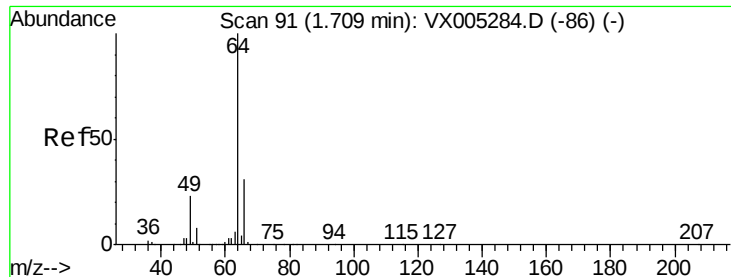
2000

0

Time-->

1.50 1.60 1.70





#6

Chloroethane

Concen: 4.384 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.02 min

Lab File: PE6.D

Acq: 19 Oct 2018 21:00

Instrument :

MSVOA_X

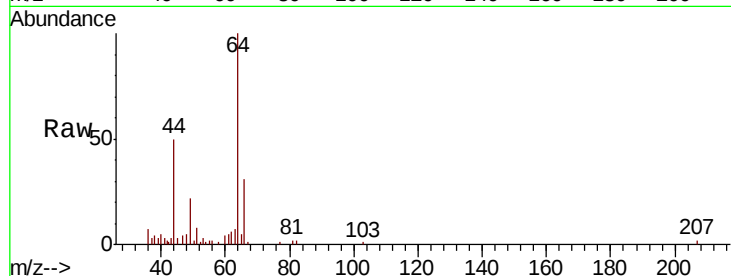
ClientSampled :

Tot Ion: 64 Resp: 6717

Ion Ratio Lower Upper

64 100

66 31.4 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): PE6

Ion 65.90 (65.60 to 66.60): PE6

1.73

5000

4000

3000

2000

1000

0

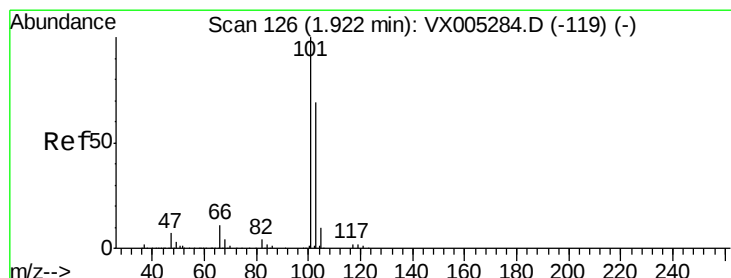
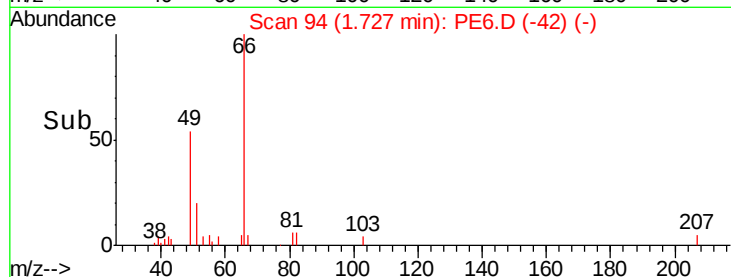
Time-->

1.65

1.70

1.75

1.80



#7

Trichlorofluoromethane

Concen: 6.894 ug/l

RT: 1.93 min Scan# 127

Delta R.T. 0.01 min

Lab File: PE6.D

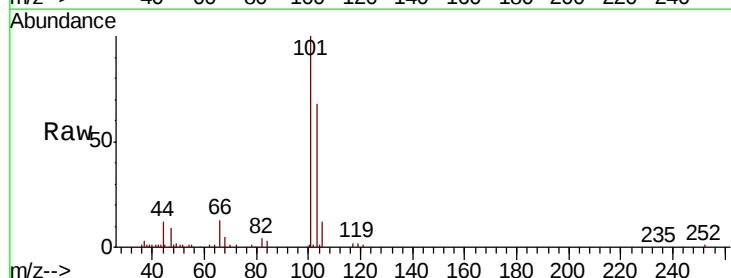
Acq: 19 Oct 2018 21:00

Tgt Ion: 101 Resp: 23484

Ion Ratio Lower Upper

101 100

103 68.3 48.9 73.3



Abundance Ion 100.90 (100.60 to 101.60): F

Ion 102.80 (102.50 to 103.50): F

1.93

15000

10000

5000

0

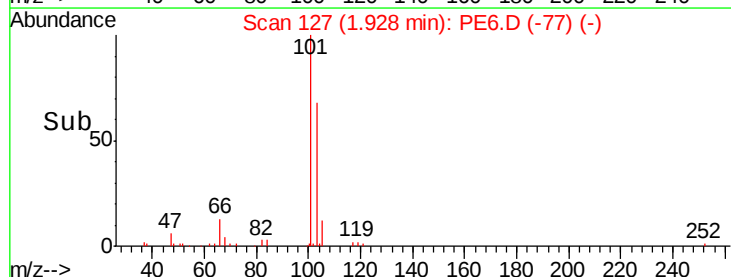
Time-->

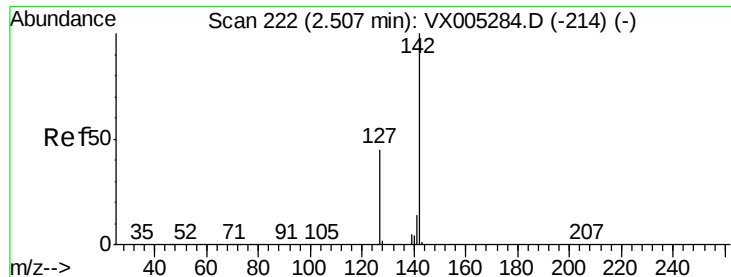
1.85

1.90

1.95

2.00





#10

Methyl Iodide

Concen: 2.657 ug/l

RT: 2.51 min Scan# 223

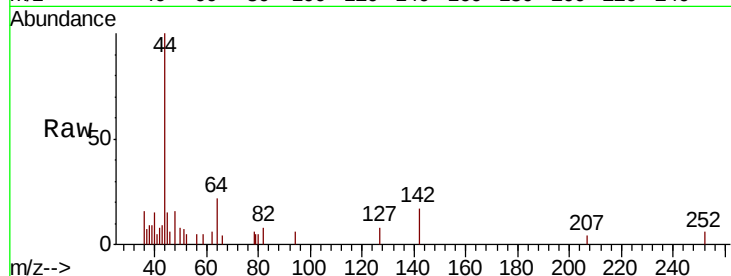
Delta R.T. 0.01 min

Lab File: PE6.D

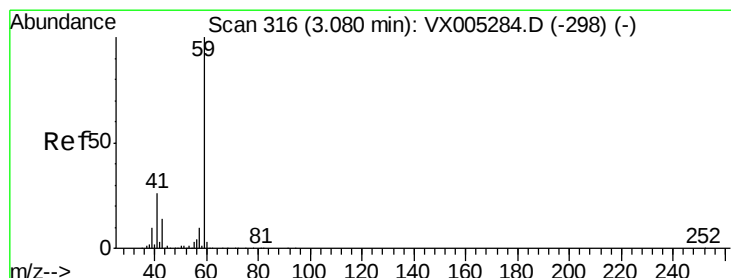
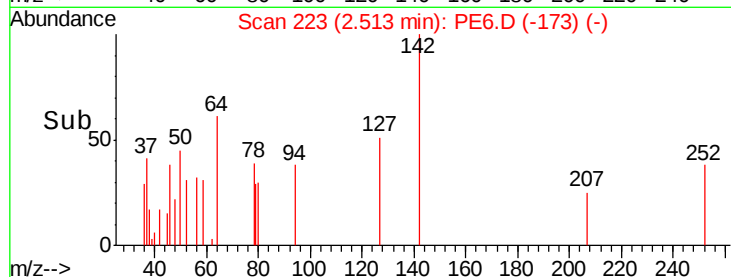
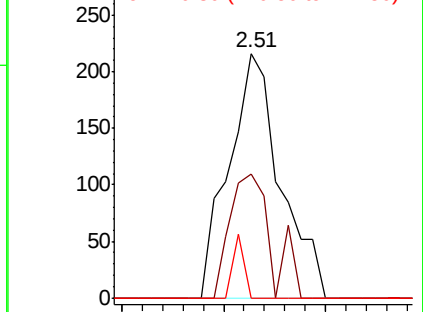
Acq: 19 Oct 2018 21:00

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:142 Resp: 381
Ion Ratio Lower Upper
142 100
127 40.4 33.8 50.6
141 5.2 11.4 17.0#



Abundance Ion 141.80 (141.50 to 142.50): F
Ion 126.80 (126.50 to 127.50): F
Ion 140.80 (140.50 to 141.50): F



#11

Tert butyl alcohol

Concen: 1.898 ug/l

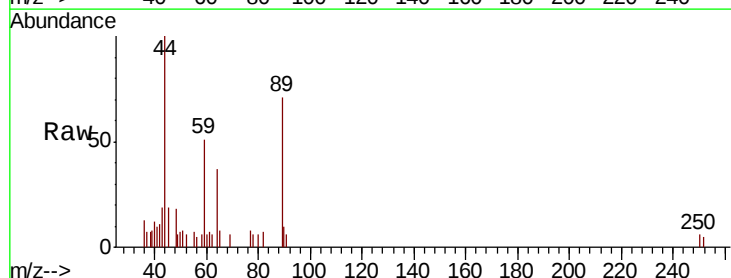
RT: 3.01 min Scan# 305

Delta R.T. -0.07 min

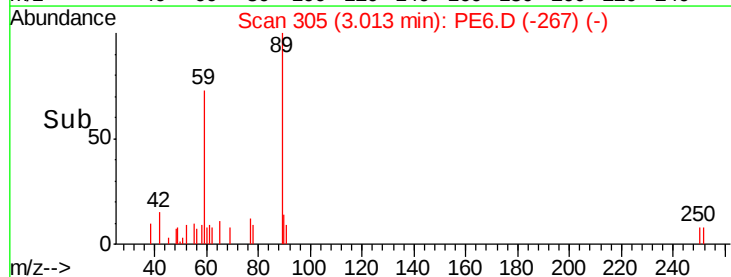
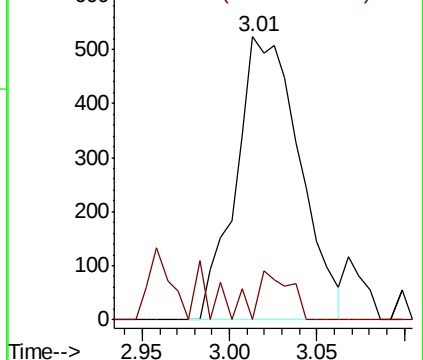
Lab File: PE6.D

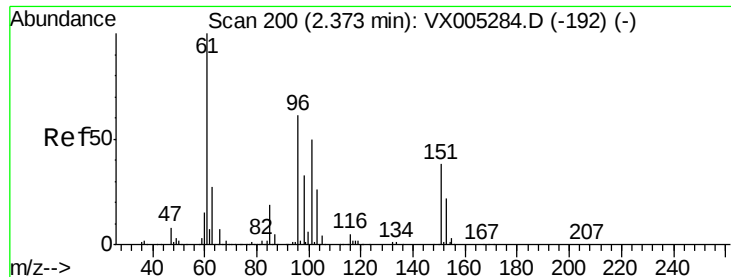
Acq: 19 Oct 2018 21:00

Tgt Ion: 59 Resp: 1322
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): PE6
Ion 57.00 (56.70 to 57.70): PE6

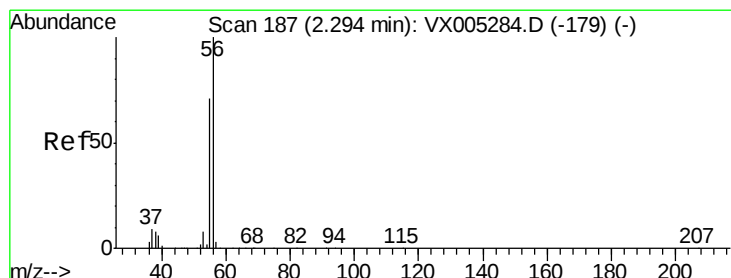
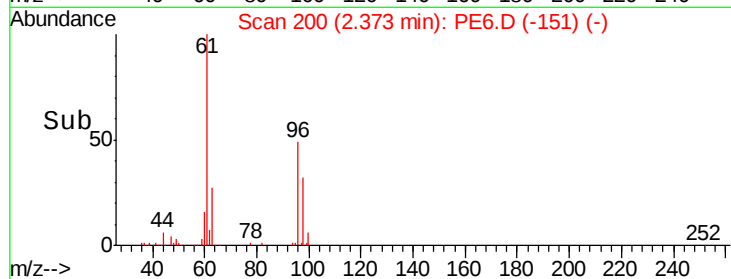
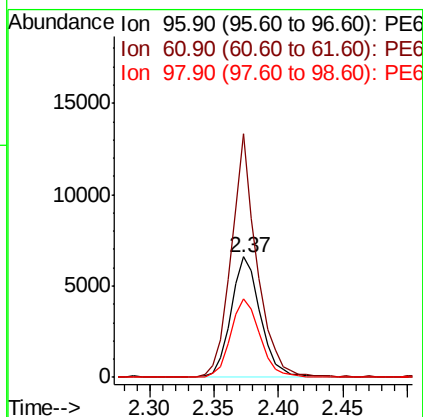
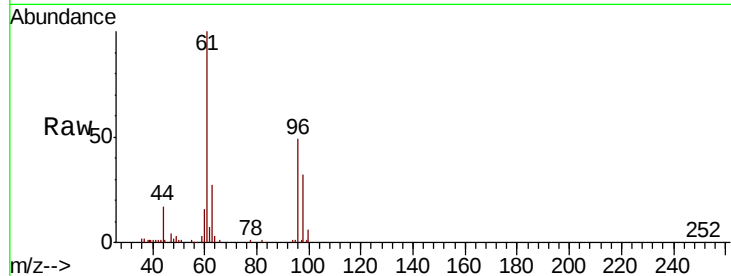




#12
 1,1-Dichloroethene
 Concen: 5.425 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: PE6.D
 Acq: 19 Oct 2018 21:00

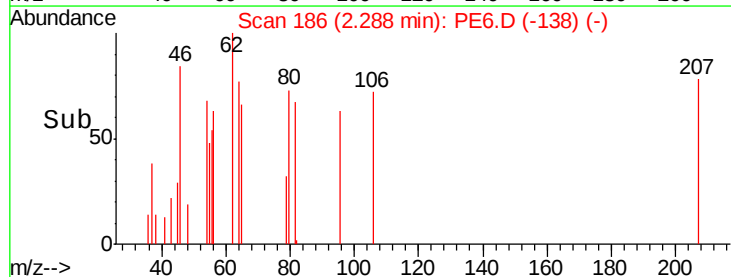
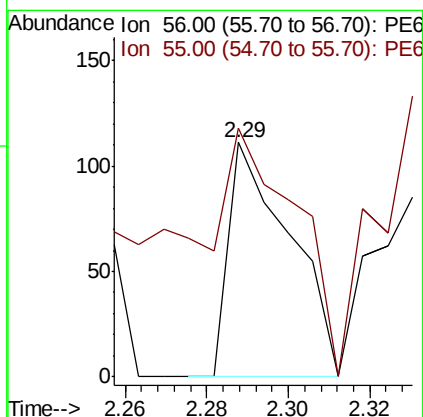
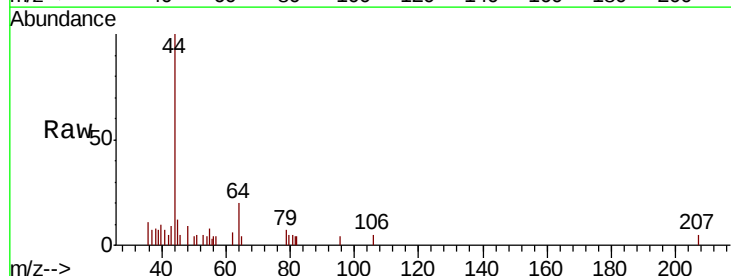
Instrument :
 MSVOA_X
 ClientSampleId :

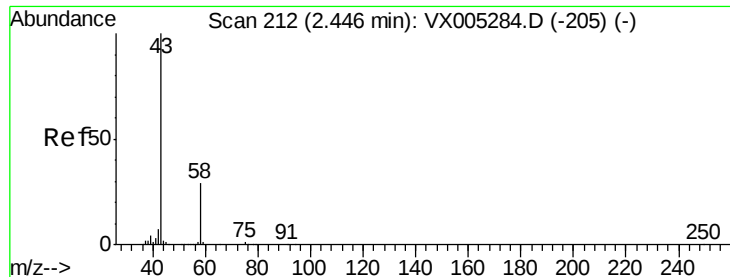
Tot Ion: 96 Resp: 10568
 Ion Ratio Lower Upper
 96 100
 61 202.5 128.8 193.2#
 98 65.1 52.2 78.2



#13
 Acrolein
 Concen: Below Cal
 RT: 2.29 min Scan# 186
 Delta R.T. -0.01 min
 Lab File: PE6.D
 Acq: 19 Oct 2018 21:00

Tgt Ion: 56 Resp: 116
 Ion Ratio Lower Upper
 56 100
 55 116.4 54.7 82.1#





#16

Acetone

Concen: 0.589 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: PE6.D

Acq: 19 Oct 2018 21:00

Instrument :

MSVOA_X

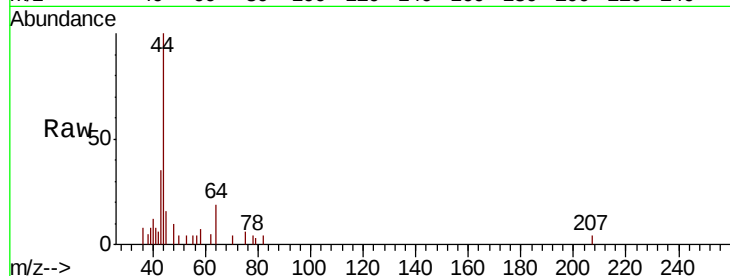
ClientSampleId :

Tot Ion: 43 Resp: 840

Ion Ratio Lower Upper

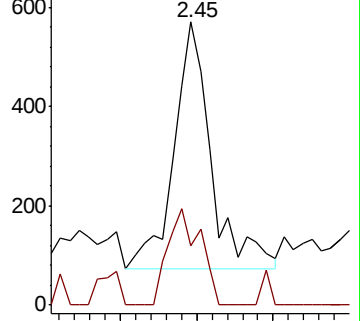
43 100

58 24.3 26.2 39.4#

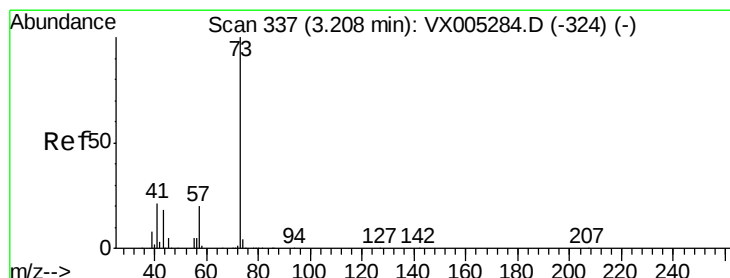
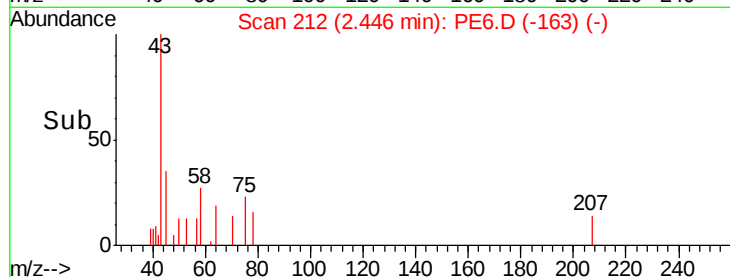


Abundance Ion 43.00 (42.70 to 43.70): PE6

Ion 58.00 (57.70 to 58.70): PE6



Time-->



#19

Methyl tert-butyl Ether

Concen: 10.696 ug/l

RT: 3.21 min Scan# 337

Delta R.T. 0.00 min

Lab File: PE6.D

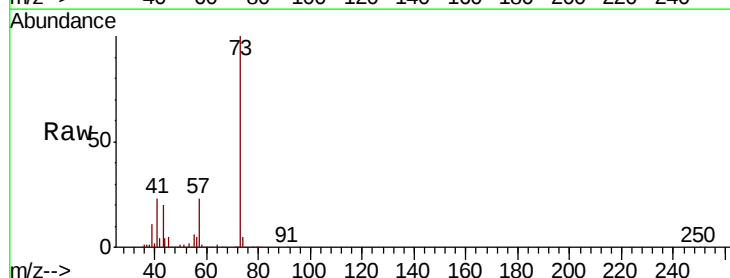
Acq: 19 Oct 2018 21:00

Tgt Ion: 73 Resp: 73385

Ion Ratio Lower Upper

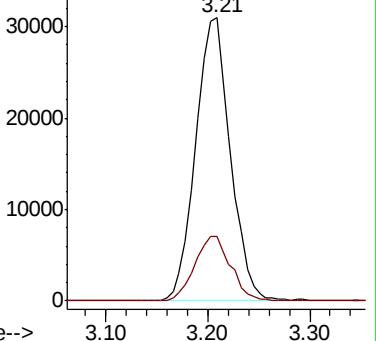
73 100

57 22.8 17.1 25.7

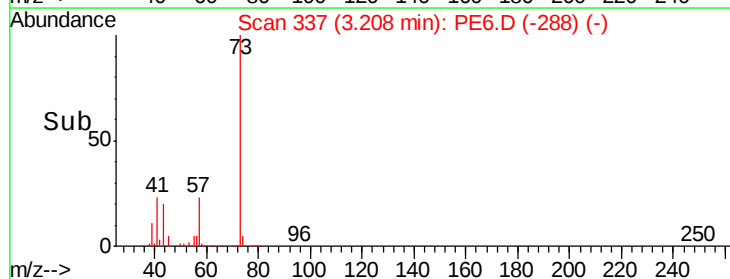


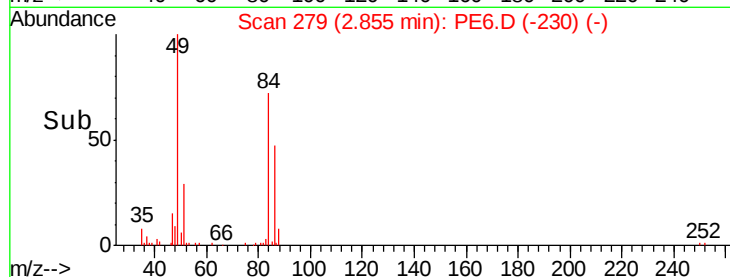
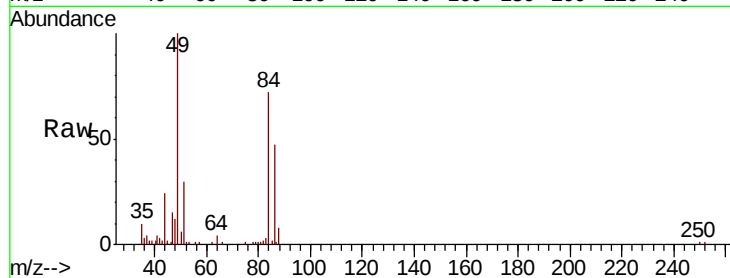
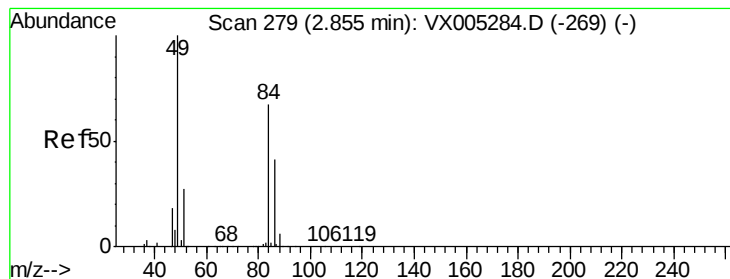
Abundance Ion 73.00 (72.70 to 73.70): PE6

Ion 57.00 (56.70 to 57.70): PE6



Time-->





#20

Methvlene Chloride

Concen: 3.299 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: PE6.D

Acq: 19 Oct 2018 21:00

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 84 Resp: 9404

Ion Ratio Lower Upper

84 100

49 139.6 101.2 151.8

51 41.9 29.5 44.3

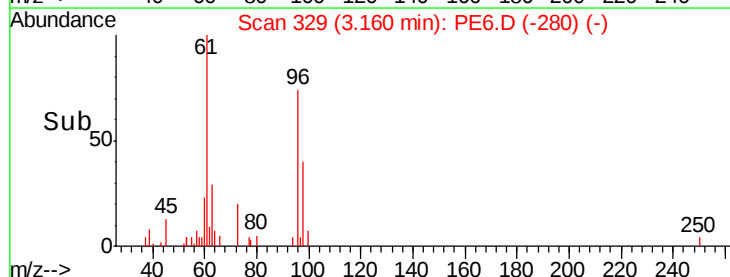
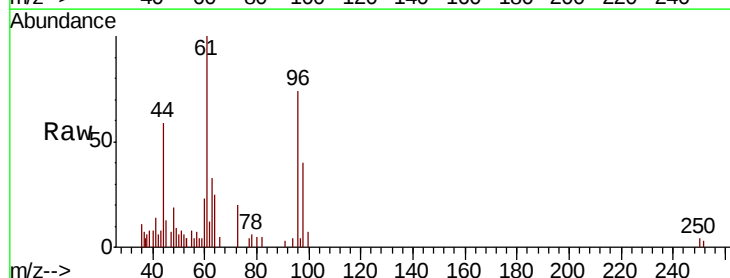
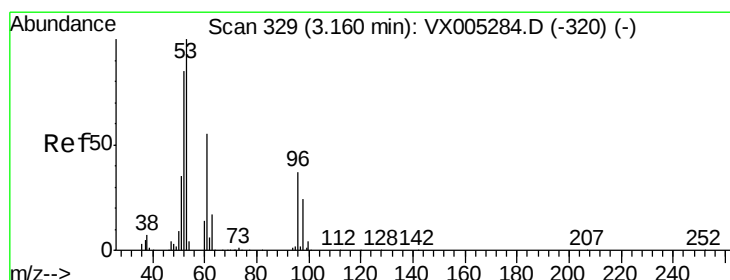
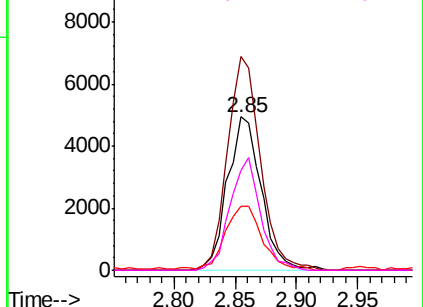
86 65.2 52.3 78.5

Abundance Ion 83.90 (83.60 to 84.60): PE6

Ion 48.90 (48.60 to 49.60): PE6

Ion 50.90 (50.60 to 51.60): PE6

Ion 85.90 (85.60 to 86.60): PE6



#21

trans-1,2-Dichloroethene

Concen: 1.121 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: PE6.D

Acq: 19 Oct 2018 21:00

Tgt Ion: 96 Resp: 2420

Ion Ratio Lower Upper

96 100

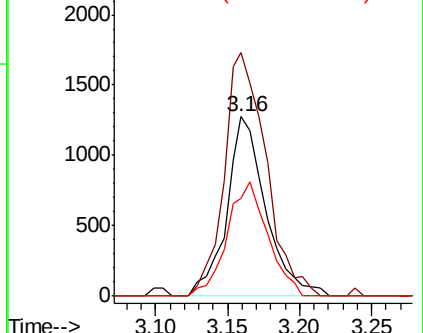
61 135.8 113.8 170.6

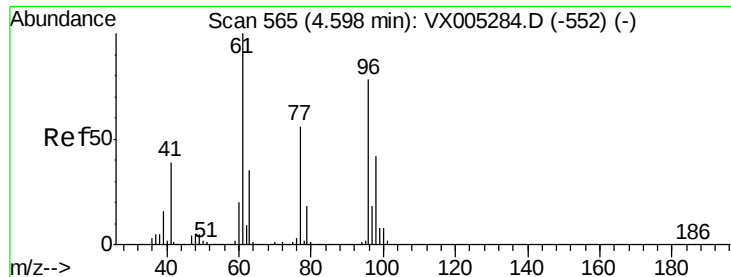
98 54.3 51.8 77.8

Abundance Ion 95.90 (95.60 to 96.60): PE6

Ion 60.90 (60.60 to 61.60): PE6

Ion 97.90 (97.60 to 98.60): PE6



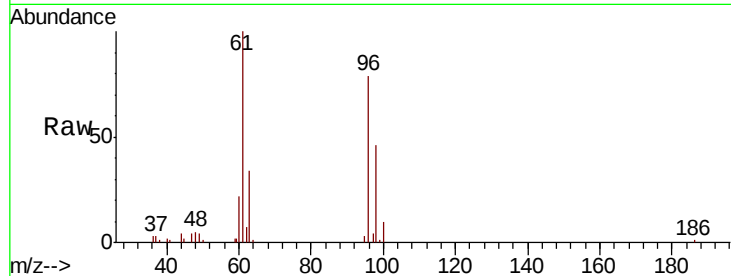


#27

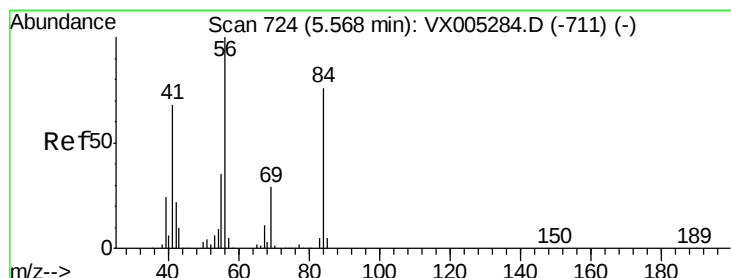
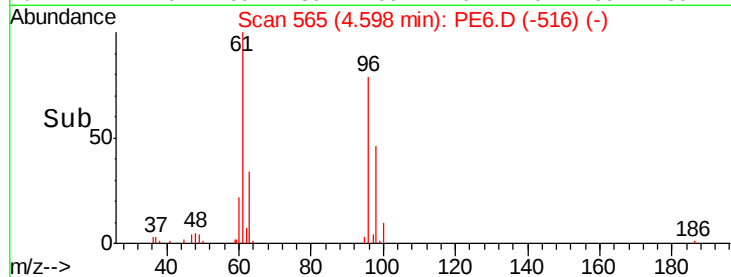
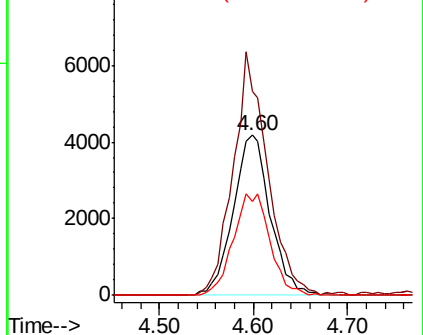
cis-1,2-Dichloroethene
Concen: 4.859 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: PE6.D
Acq: 19 Oct 2018 21:00

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.0	0.0	282.6
98	63.1	0.0	130.2



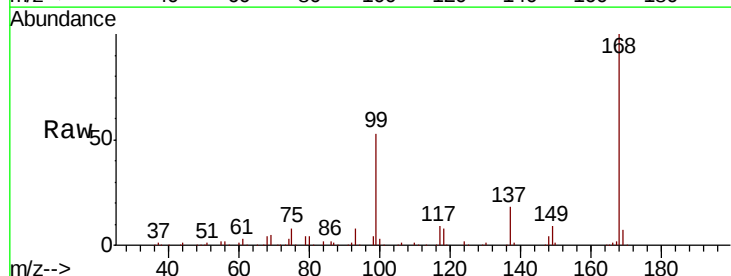
Abundance Ion 95.90 (95.60 to 96.60): PE6
Ion 60.90 (60.60 to 61.60): PE6
Ion 97.90 (97.60 to 98.60): PE6



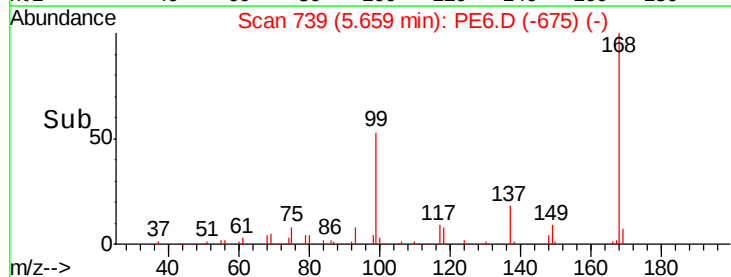
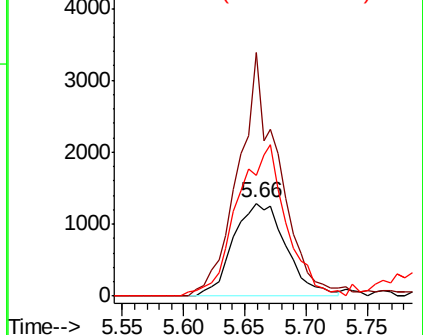
#31

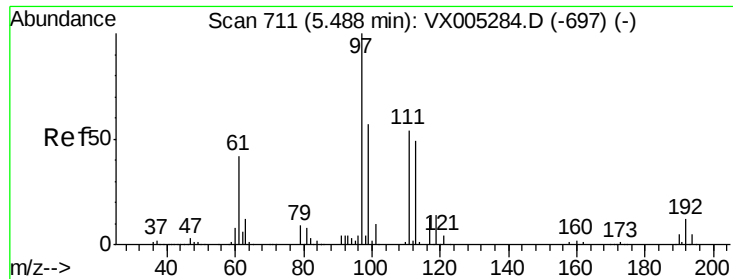
Cyclohexane
Concen: 1.139 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: PE6.D
Acq: 19 Oct 2018 21:00

Tgt Ion	Ratio	Lower	Upper
56	100		
69	263.1	25.4	38.2#
84	125.7	71.4	107.2#



Abundance Ion 56.00 (55.70 to 56.70): PE6
Ion 69.00 (68.70 to 69.70): PE6
Ion 84.00 (83.70 to 84.70): PE6

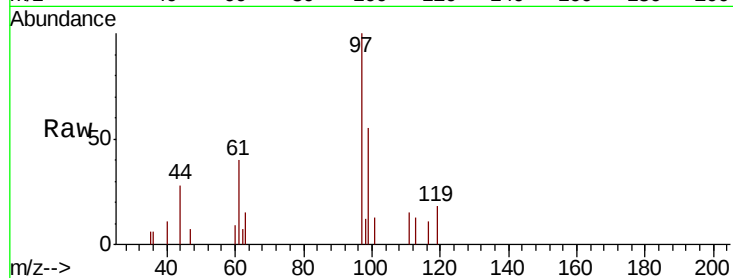




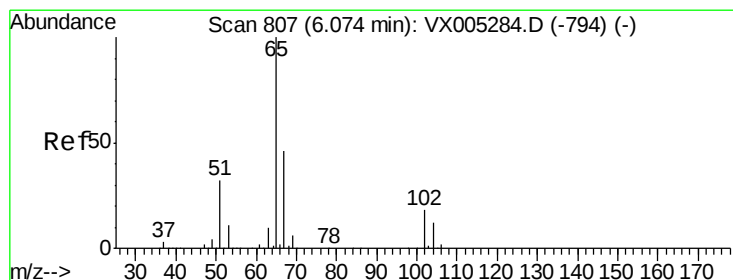
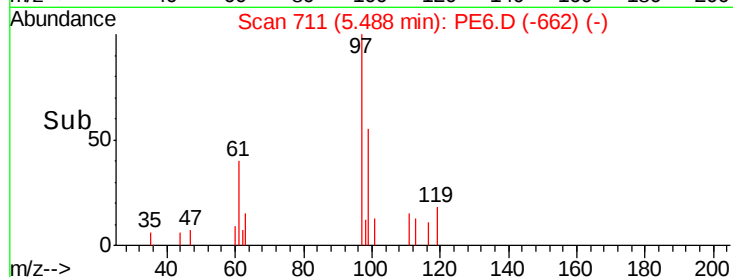
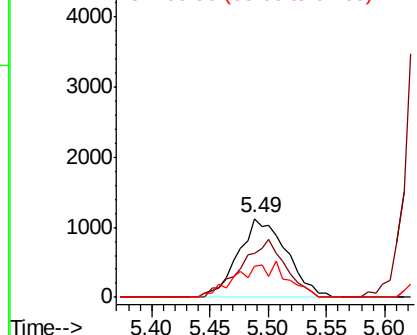
#32
 1,1,1-Trichloroethane
 Concen: 0.970 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: PE6.D
 Acq: 19 Oct 2018 21:00

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 3227
 Ion Ratio Lower Upper
 97 100
 99 0.0 52.0 78.0#
 61 45.7 34.9 52.3

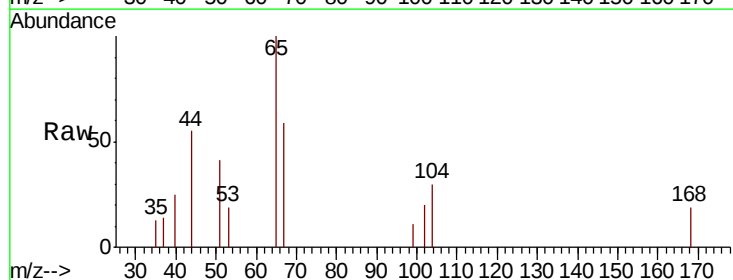


Abundance Ion 96.90 (96.60 to 97.60): PE6
 Ion 98.90 (98.60 to 99.60): PE6
 Ion 60.90 (60.60 to 61.60): PE6

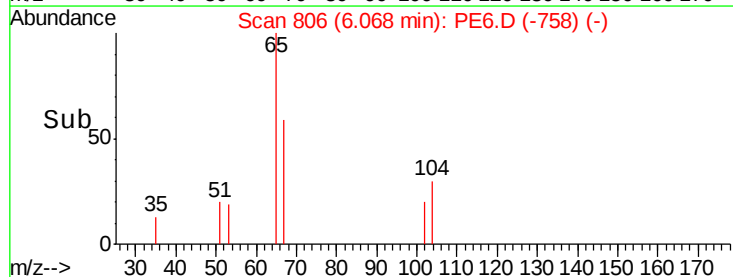
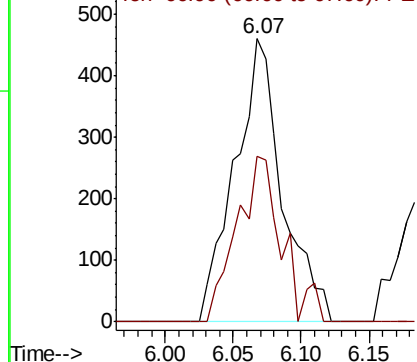


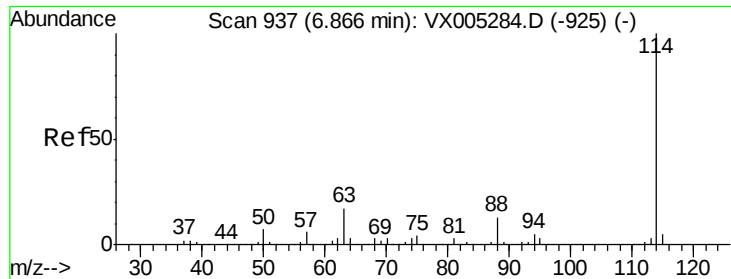
#33
 1,2-Dichloroethane-d4
 Concen: 0.455 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: PE6.D
 Acq: 19 Oct 2018 21:00

Tgt Ion: 65 Resp: 1123
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): PE6
 Ion 66.90 (66.60 to 67.60): PE6

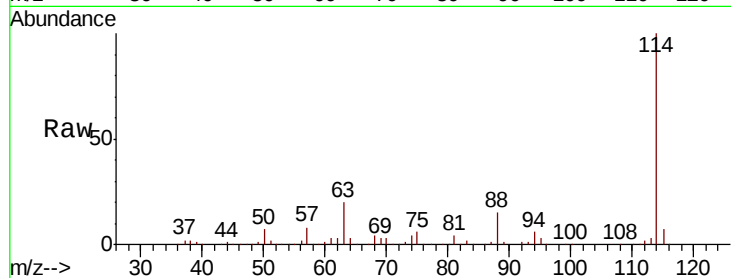




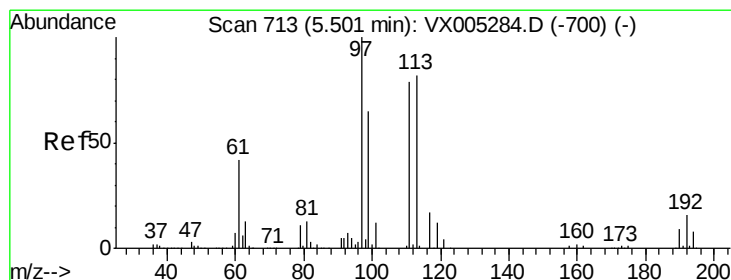
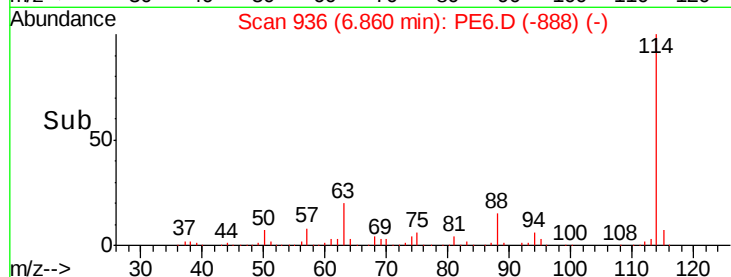
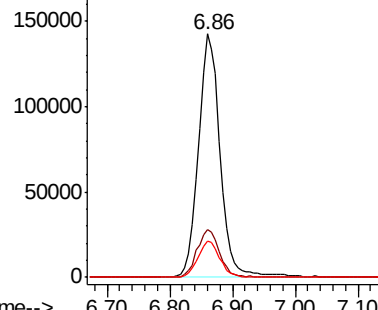
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: PE6.D
 Acq: 19 Oct 2018 21:00

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:114 Resp: 341584
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.0
 88 14.7 0.0 30.4

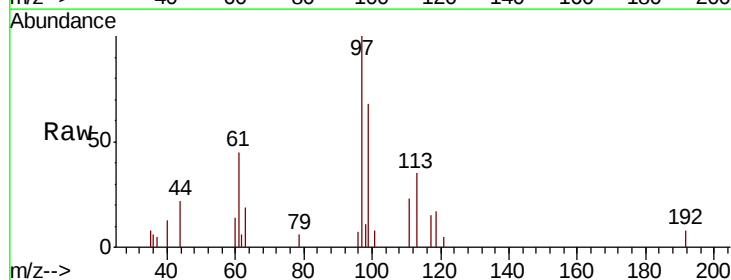


Abundance Ion 113.90 (113.60 to 114.60): F
 Ion 63.00 (62.70 to 63.70): PE6
 Ion 87.90 (87.60 to 88.60): PE6

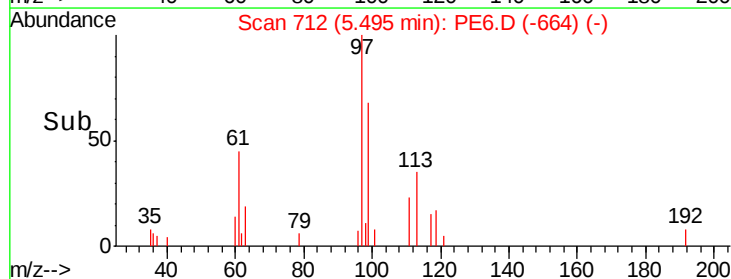
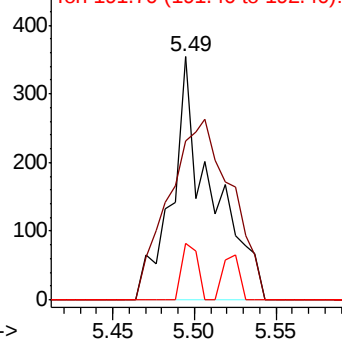


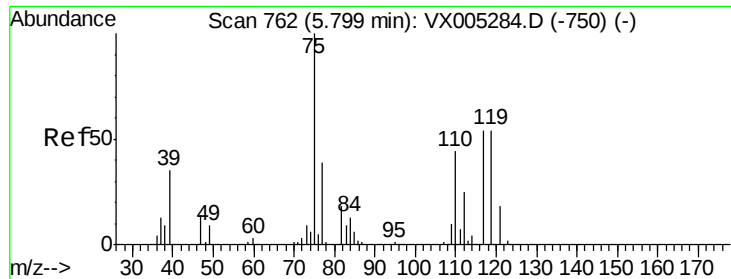
#35
 Dibromofluoromethane
 Concen: 0.263 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: PE6.D
 Acq: 19 Oct 2018 21:00

Tgt Ion:113 Resp: 596
 Ion Ratio Lower Upper
 113 100
 111 116.9 82.4 123.6
 192 9.4 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: 3.442 ug/l

RT: 5.81 min Scan# 763

Delta R.T. 0.01 min

Lab File: PE6.D

Acq: 19 Oct 2018 21:00

Instrument :

MSVOA_X

ClientSampleId :

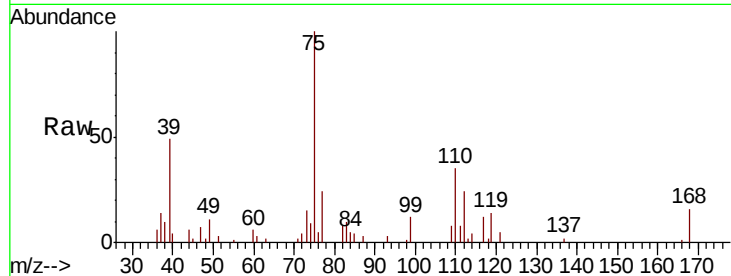
Tot Ion: 75 Resp: 11388

Ion Ratio Lower Upper

75 100

110 37.4 18.0 54.0

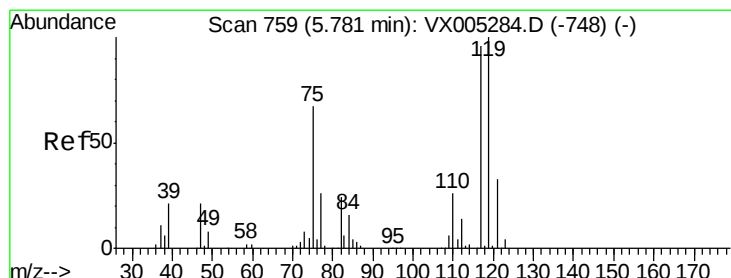
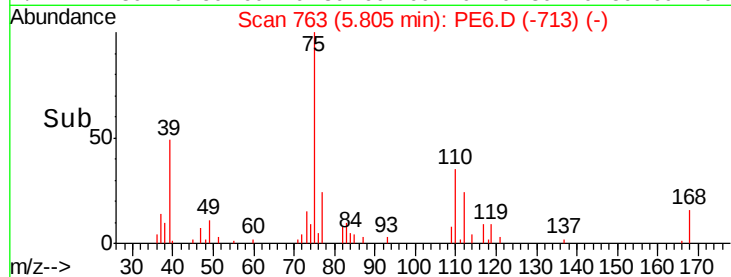
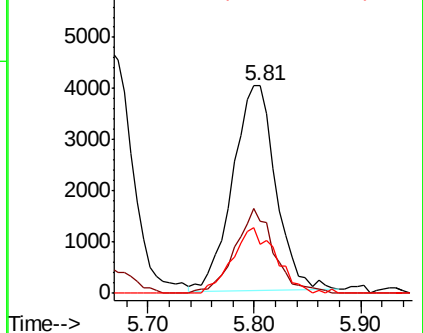
77 32.0 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): PE6

Ion 109.90 (109.60 to 110.60): F

Ion 76.90 (76.60 to 77.60): PE6



#38

Carbon Tetrachloride

Concen: 0.948 ug/l

RT: 5.77 min Scan# 758

Delta R.T. -0.01 min

Lab File: PE6.D

Acq: 19 Oct 2018 21:00

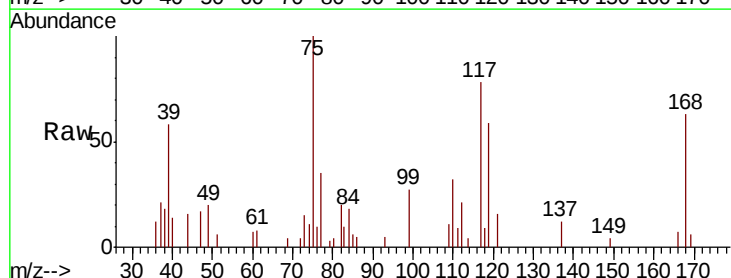
Tgt Ion: 117 Resp: 3151

Ion Ratio Lower Upper

117 100

119 79.6 78.8 118.2

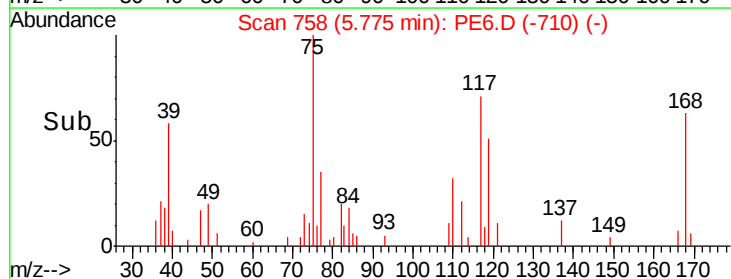
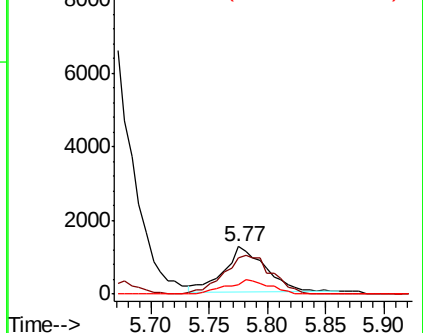
121 22.0 24.9 37.3#

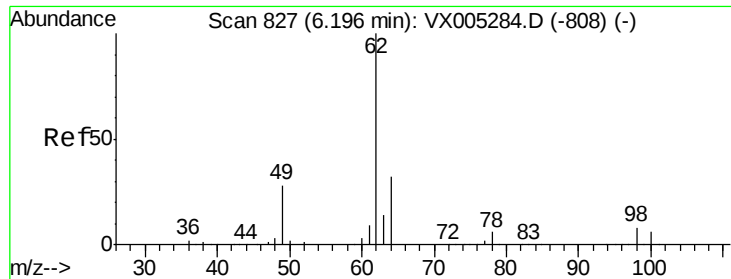


Abundance Ion 116.80 (116.50 to 117.50): F

Ion 118.80 (118.50 to 119.50): F

Ion 120.80 (120.50 to 121.50): F





#42

1,2-Dichloroethane

Concen: 4.342 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: PE6.D

Acq: 19 Oct 2018 21:00

Instrument :

MSVOA_X

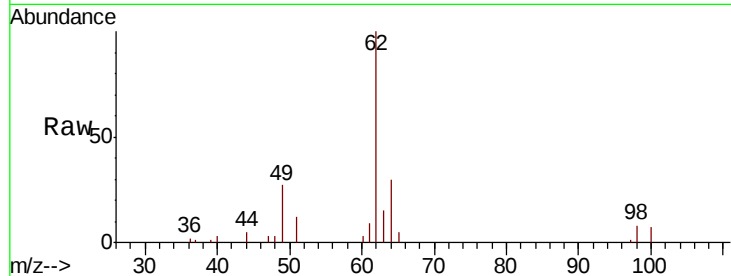
ClientSampleId :

Tot Ion: 62 Resp: 15216

Ion Ratio Lower Upper

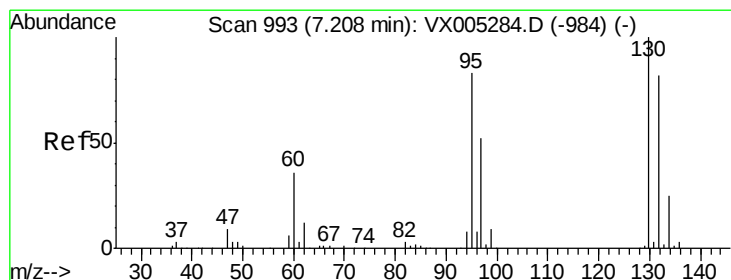
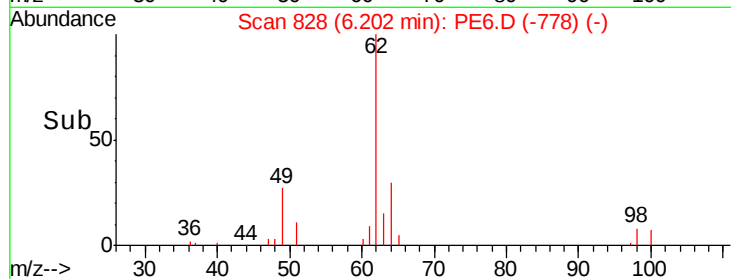
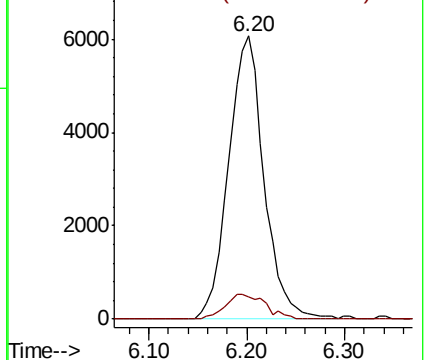
62 100

98 10.0 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): PE6

Ion 97.90 (97.60 to 98.60): PE6



#44

Trichloroethene

Concen: 2.176 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: PE6.D

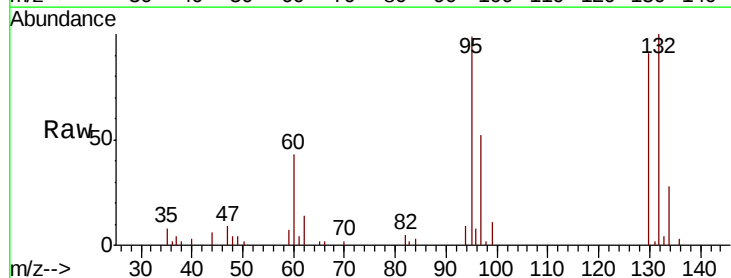
Acq: 19 Oct 2018 21:00

Tgt Ion:130 Resp: 7023

Ion Ratio Lower Upper

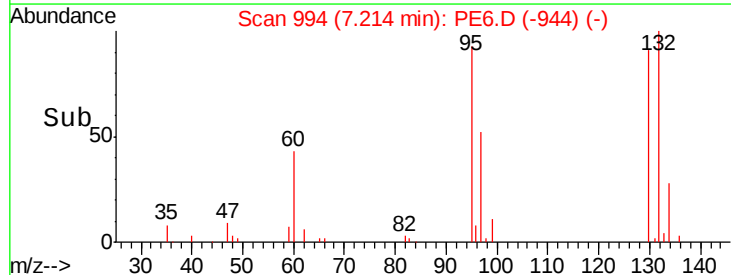
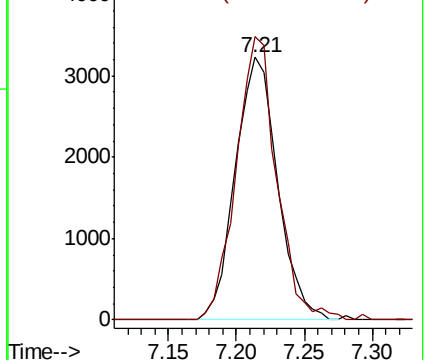
130 100

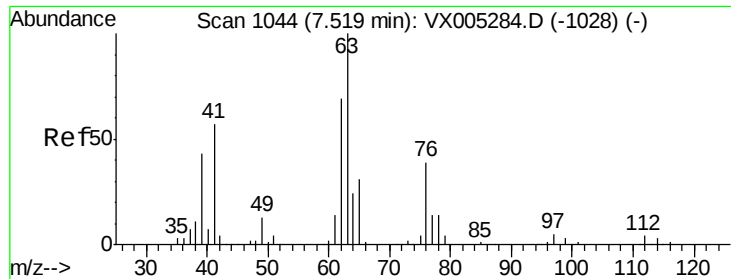
95 107.9 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): F

Ion 94.90 (94.60 to 95.60): PE6

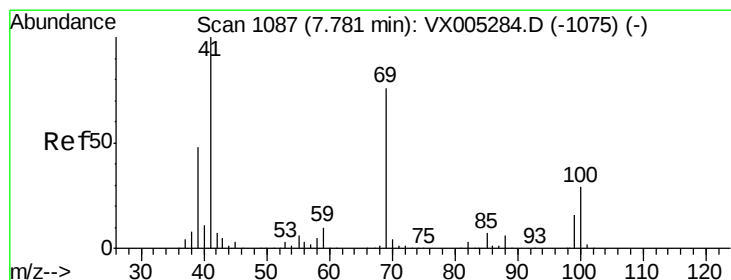
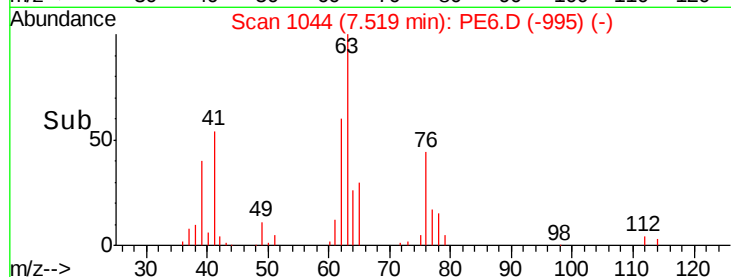
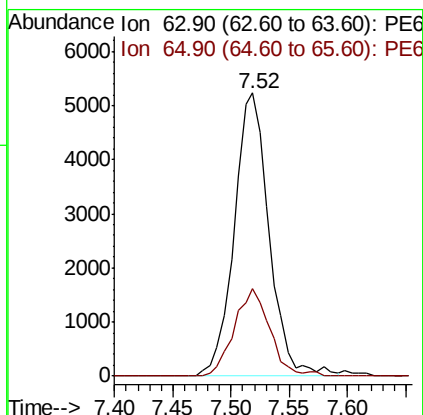
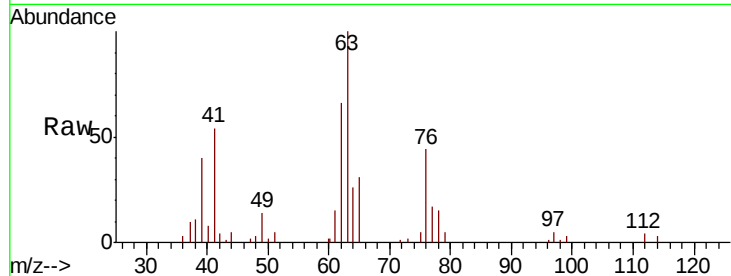




#45
 1,2-Dichloropropane
 Concen: 4.492 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: PE6.D
 Acq: 19 Oct 2018 21:00

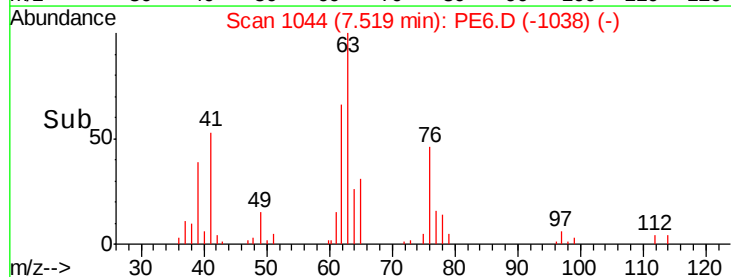
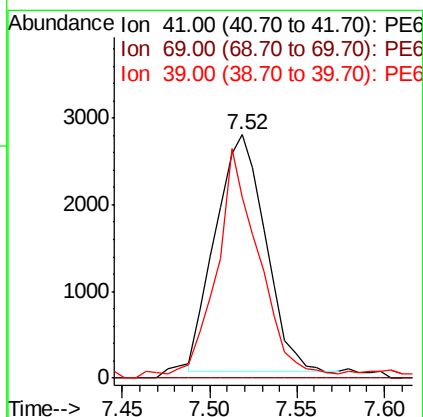
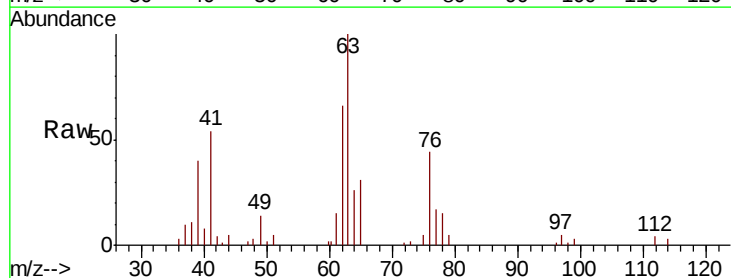
Instrument :
 MSVOA_X
 ClientSampleId :

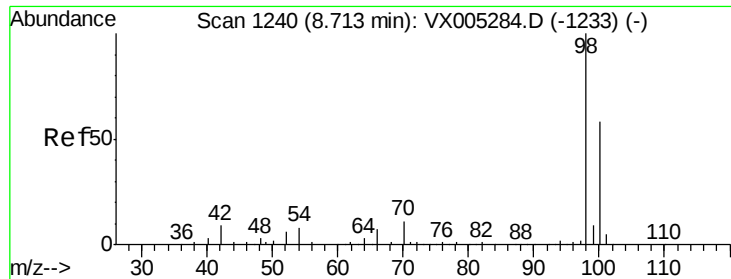
Tot Ion: 63 Resp: 10935
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.3 36.5



#48
 Methyl methacrylate
 Concen: 1.840 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.26 min
 Lab File: PE6.D
 Acq: 19 Oct 2018 21:00

Tgt Ion: 41 Resp: 5407
 Ion Ratio Lower Upper
 41 100
 69 0.0 70.2 105.4#
 39 75.8 42.7 64.1#





#50

Toluene-d8

Concen: 0.215 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: PE6.D

Acq: 19 Oct 2018 21:00

Instrument :

MSVOA_X

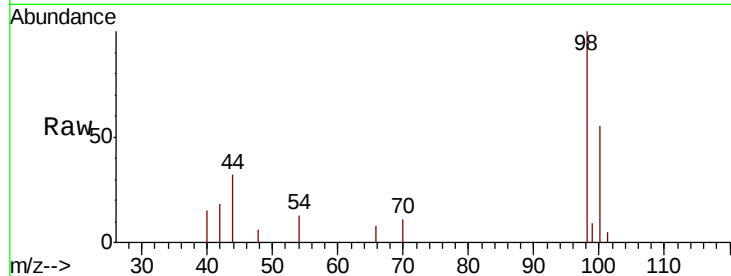
ClientSampled :

Tot Ion: 98 Resp: 1670

Ion Ratio Lower Upper

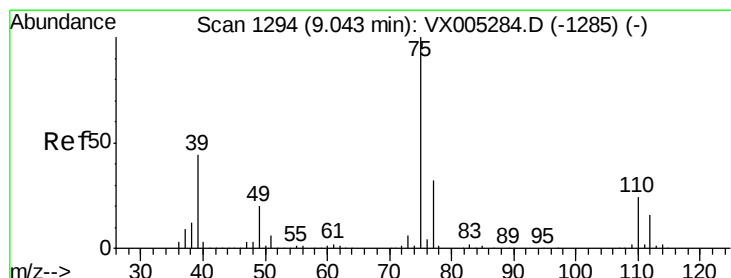
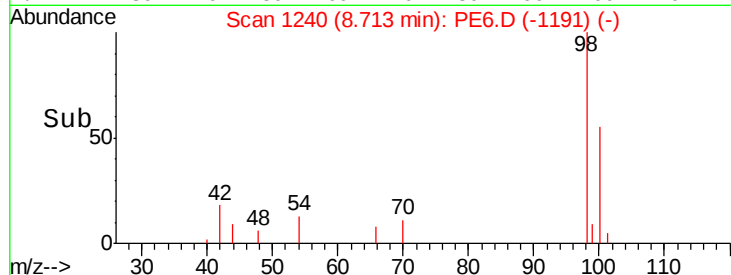
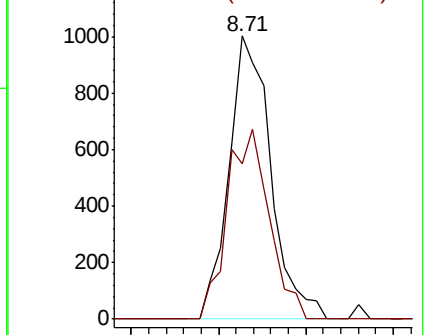
98 100

100 66.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): PE6

Ion 100.00 (99.70 to 100.70): PE6



#53

t-1,3-Dichloropropene

Concen: 3.027 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: PE6.D

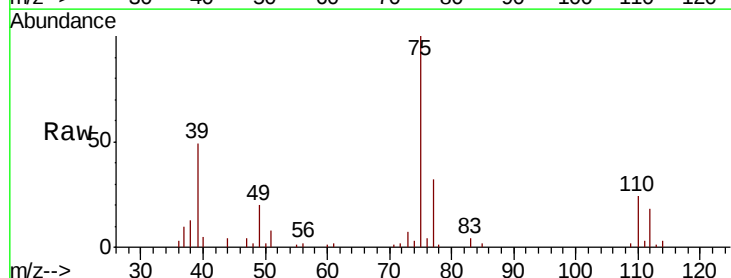
Acq: 19 Oct 2018 21:00

Tgt Ion: 75 Resp: 9736

Ion Ratio Lower Upper

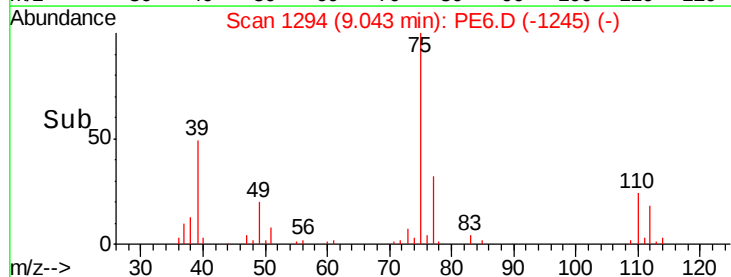
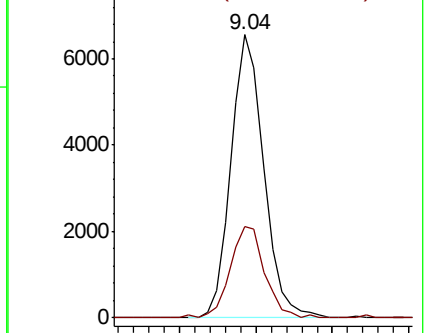
75 100

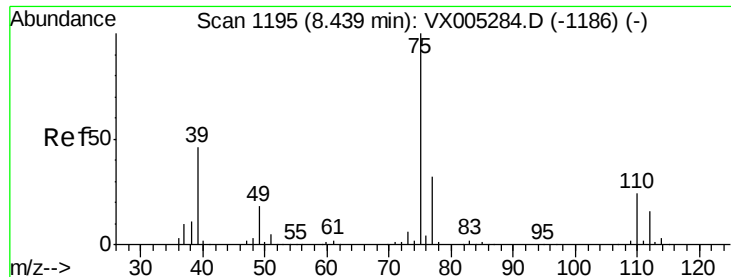
77 32.2 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): PE6

Ion 76.90 (76.60 to 77.60): PE6



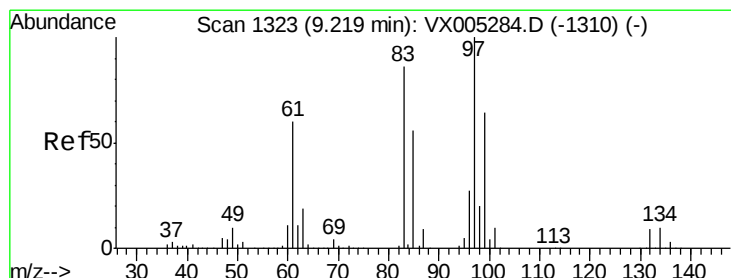
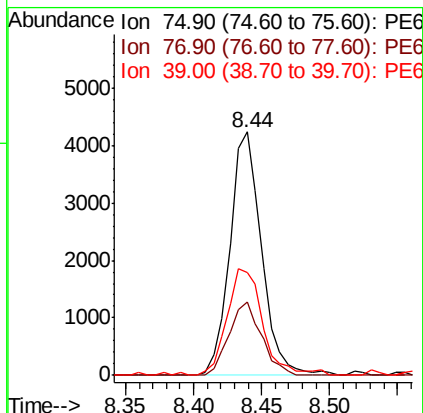
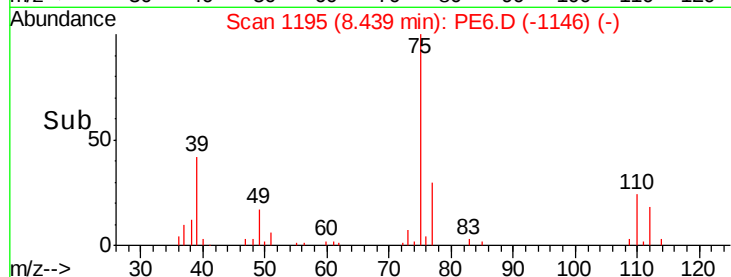
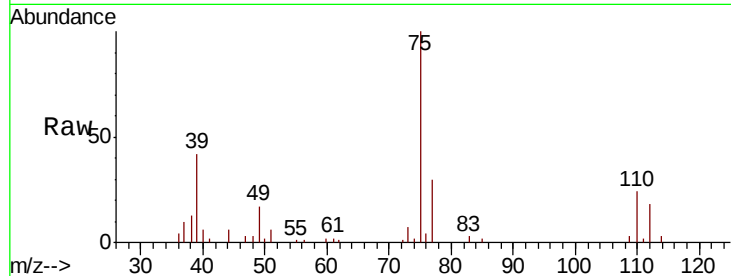


#54

cis-1,3-Dichloropropene
 Concen: 1.966 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: PE6.D
 Acq: 19 Oct 2018 21:00

Instrument :
 MSVOA_X
 ClientSampled :

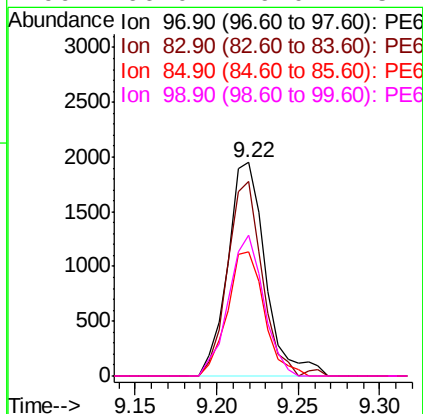
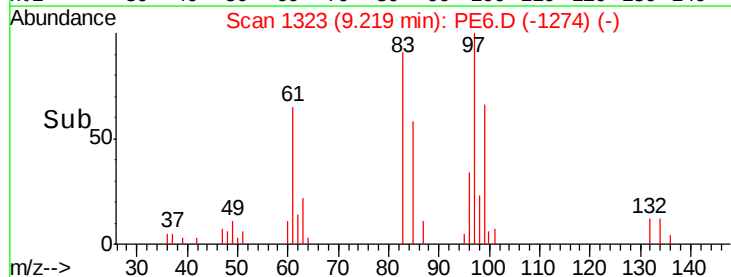
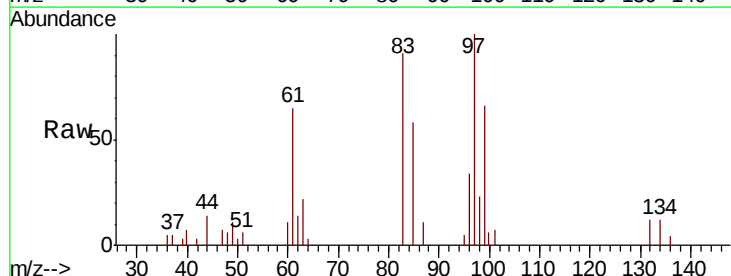
Tot Ion: 75 Resp: 6851
 Ion Ratio Lower Upper
 75 100
 77 30.4 26.2 39.2
 39 42.1 36.4 54.6

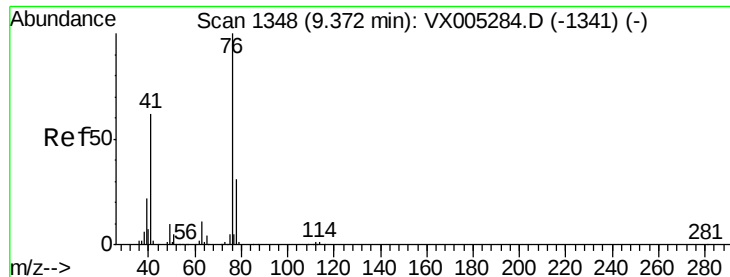


#55

1,1,2-Trichloroethane
 Concen: 1.366 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: PE6.D
 Acq: 19 Oct 2018 21:00

Tgt Ion: 97 Resp: 3142
 Ion Ratio Lower Upper
 97 100
 83 91.2 66.4 99.6
 85 58.0 43.3 64.9
 99 66.0 49.0 73.4





#57

1,3-Dichloropropane

Concen: 3.522 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: PE6.D

Acq: 19 Oct 2018 21:00

Instrument :

MSVOA_X

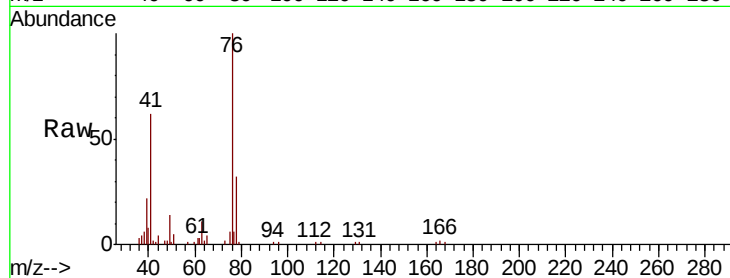
ClientSampleId :

Tot Ion: 76 Resp: 13518

Ion Ratio Lower Upper

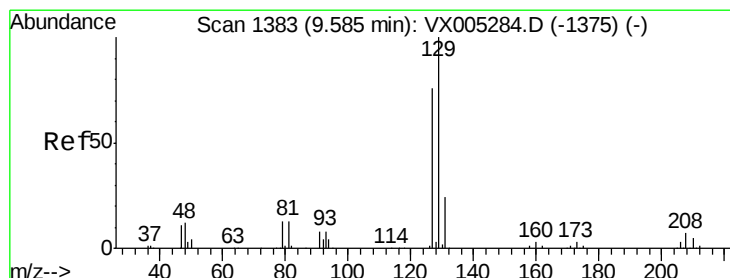
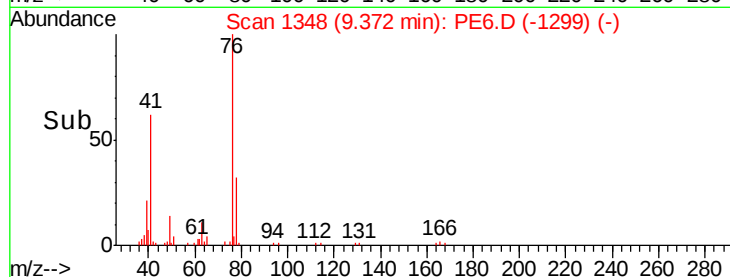
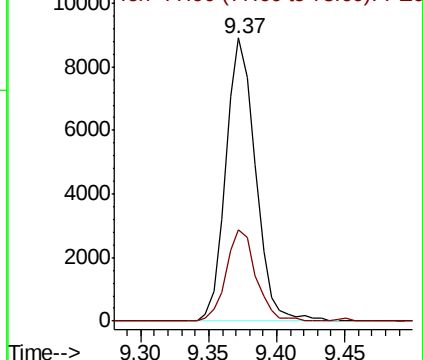
76 100

78 32.4 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): PE6

Ion 77.90 (77.60 to 78.60): PE6



#60

Dibromochloromethane

Concen: 2.700 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.25 min

Lab File: PE6.D

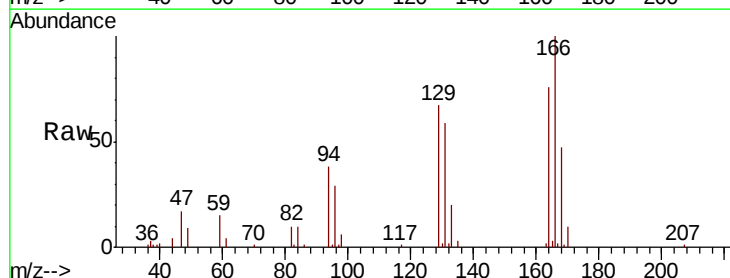
Acq: 19 Oct 2018 21:00

Tgt Ion: 129 Resp: 6417

Ion Ratio Lower Upper

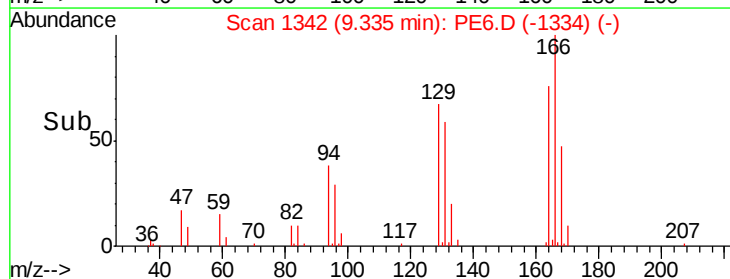
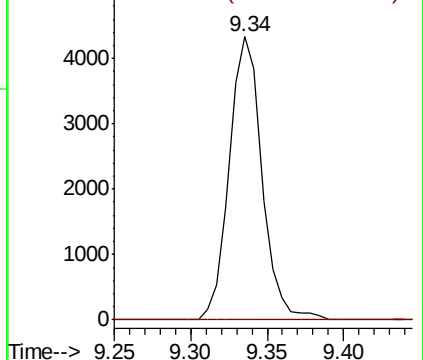
129 100

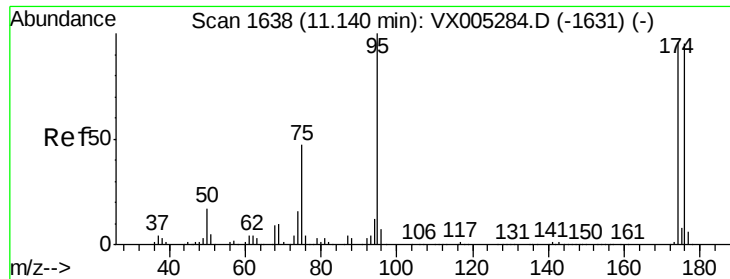
127 0.0 38.5 115.5#



Abundance Ion 128.80 (128.50 to 129.50): F

Ion 126.80 (126.50 to 127.50): F

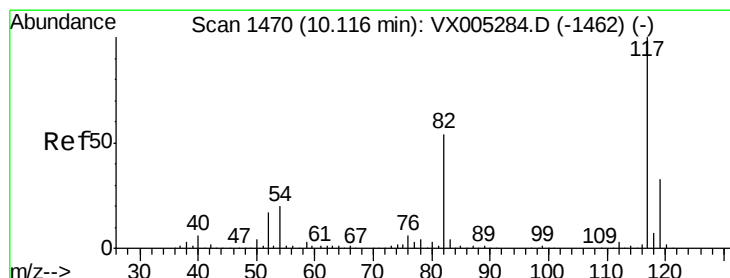
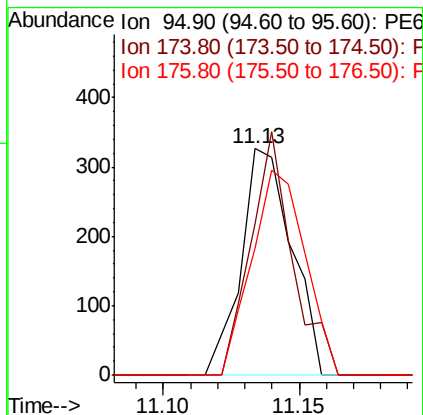
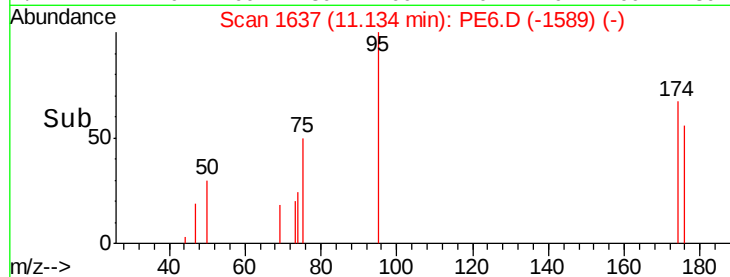
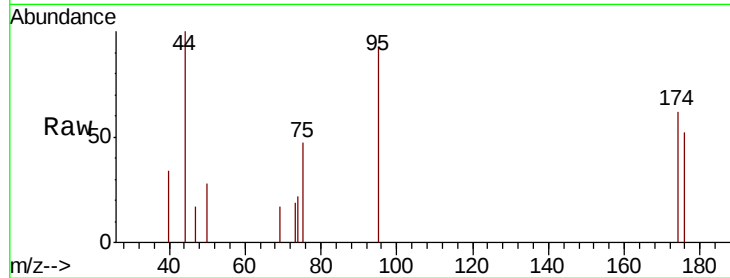




#62
4-Bromofluorobenzene
Concen: 0.144 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: PE6.D
Acq: 19 Oct 2018 21:00

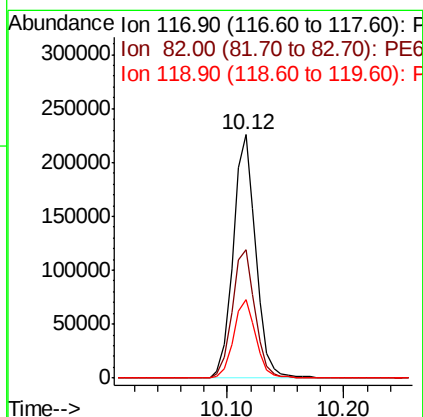
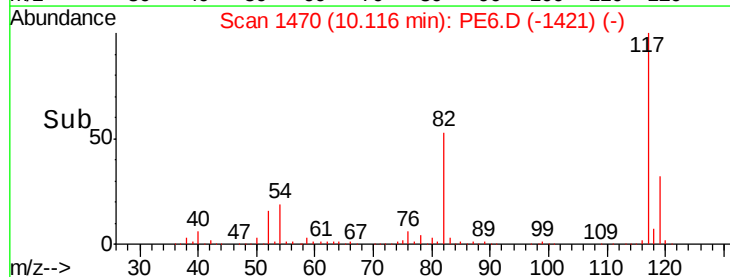
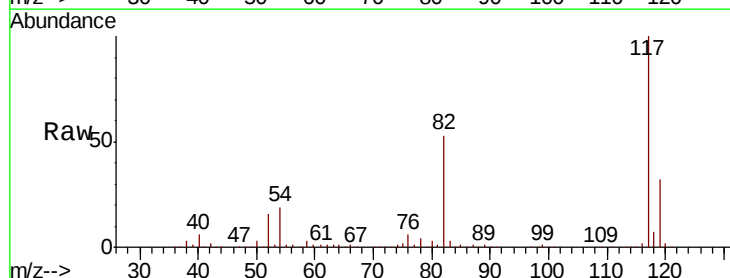
Instrument :
MSVOA_X
ClientSampleId :

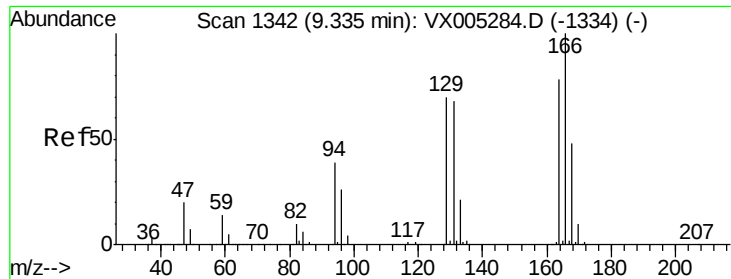
Tot Ion: 95 Resp: 420
Ion Ratio Lower Upper
95 100
174 88.3 0.0 185.2
176 96.0 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: PE6.D
Acq: 19 Oct 2018 21:00

Tgt Ion: 117 Resp: 304304
Ion Ratio Lower Upper
117 100
82 52.7 47.8 71.6
119 32.2 29.3 43.9

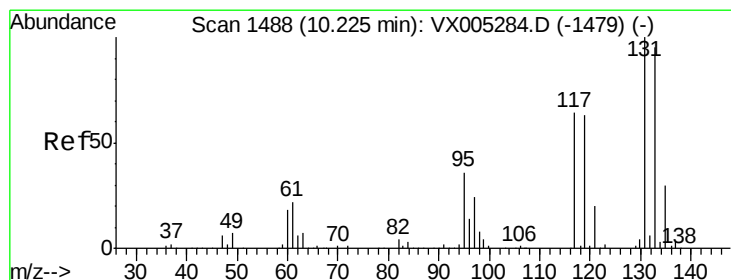
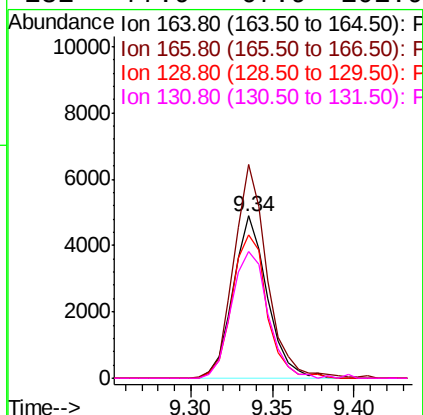
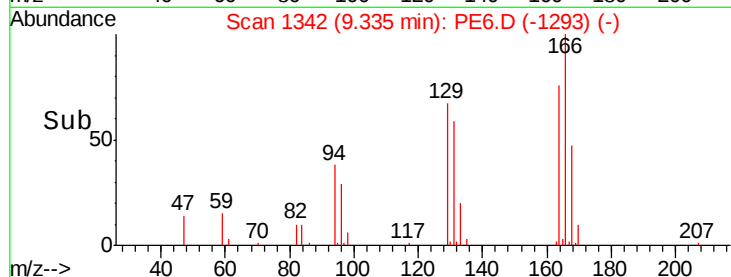
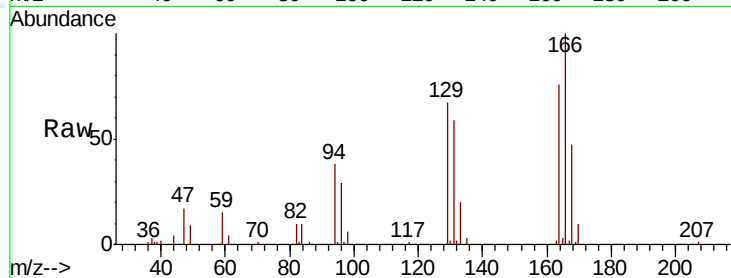




#64
Tetrachloroethene
Concen: 2.916 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: PE6.D
Acq: 19 Oct 2018 21:00

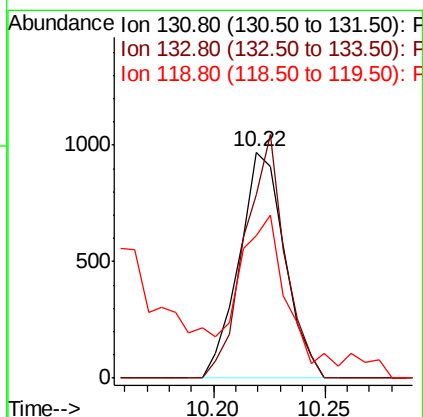
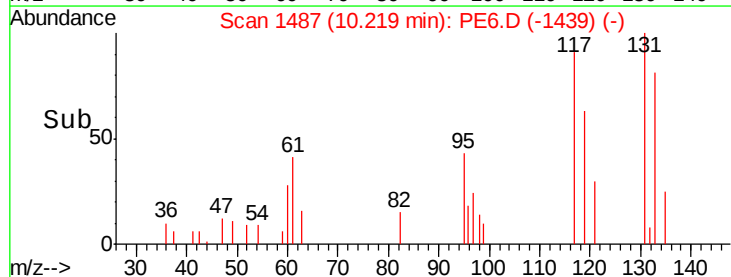
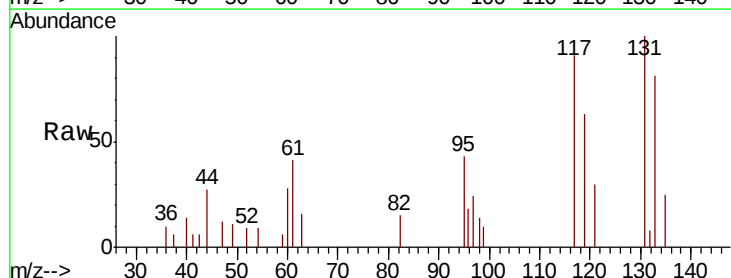
Instrument :
MSVOA_X
ClientSampleId :

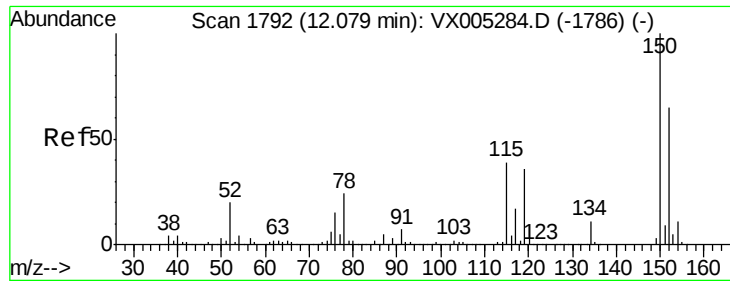
Tot Ion:164 Resp: 7143
Ion Ratio Lower Upper
164 100
166 131.7 102.8 154.2
129 88.6 69.4 104.0
131 77.9 67.9 101.9



#66
1,1,1,2-Tetrachloroethane
Concen: 0.601 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: PE6.D
Acq: 19 Oct 2018 21:00

Tgt Ion:131 Resp: 1386
Ion Ratio Lower Upper
131 100
133 95.1 48.1 144.4
119 0.0 32.9 98.6#



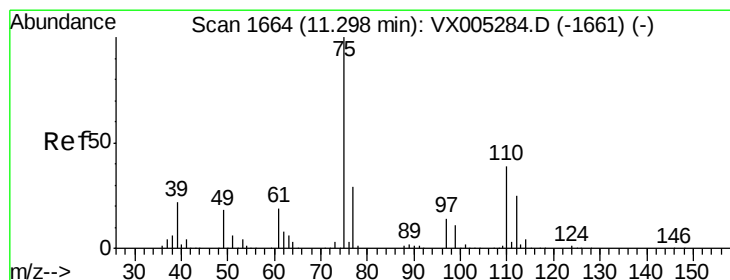
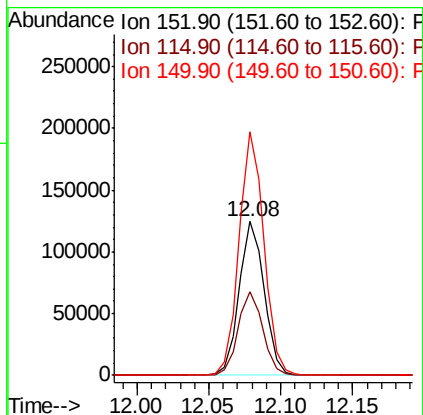
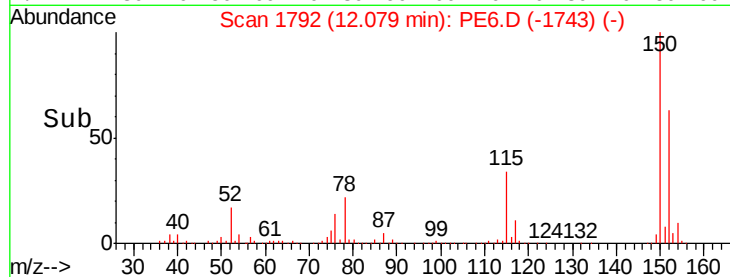
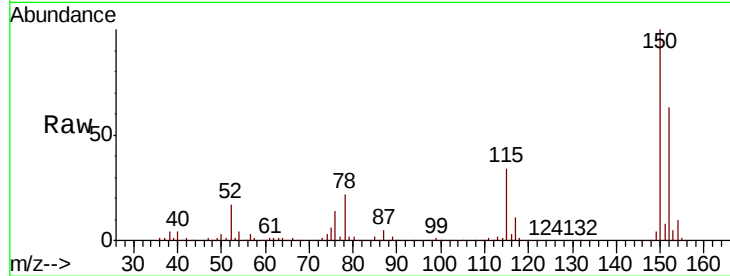


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: PE6.D
Acq: 19 Oct 2018 21:00

Instrument :
MSVOA_X
ClientSampled :

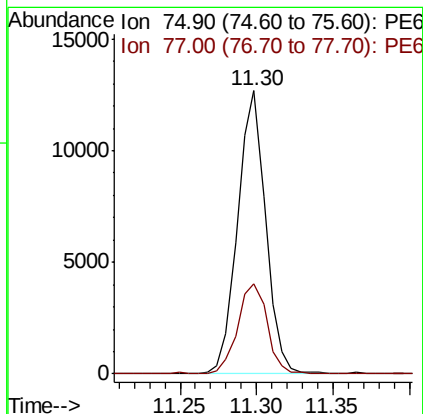
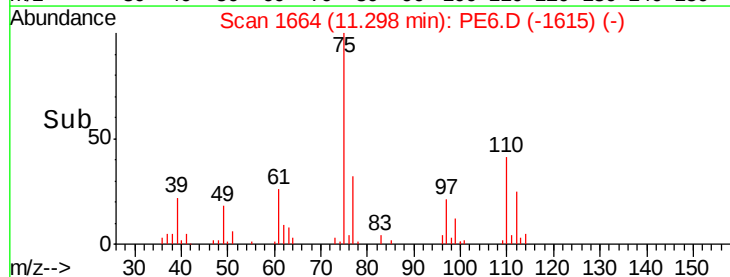
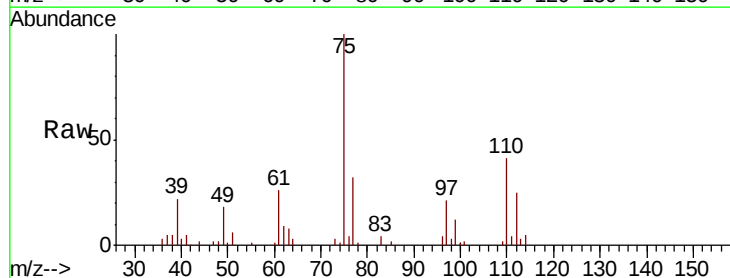
Tot Ion	Ratio	Lower	Upper
152	100		
115	53.8	39.0	117.0
150	156.5	0.0	351.0

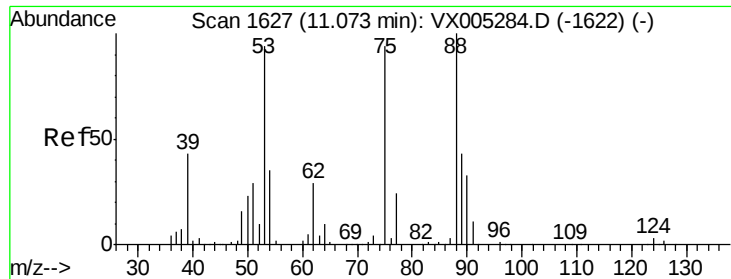


#76

1,2,3-Trichloropropane
Concen: 5.497 ug/l
RT: 11.30 min Scan# 1664
Delta R.T. 0.00 min
Lab File: PE6.D
Acq: 19 Oct 2018 21:00

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.4	20.2	60.6





#81
 trans-1,4-Dichloro-2-butene
 Concen: 16.701 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.23 min
 Lab File: PE6.D
 Acq: 19 Oct 2018 21:00

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 16101
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.1 120.1#
 89 0.0 37.2 55.8#

