

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101918\
 Data File : PE3.D
 Acq On : 19 Oct 2018 19:40
 Operator : JC/MD
 Sample : J5026-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 20 05:41:04 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	5.66	168	227199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	336289	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	309272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176405	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	1433	0.57	ug/l	0.00
Spiked Amount			Recovery	=	1.14%	
35) Dibromofluoromethane	5.51	113	965	0.43	ug/l	0.00
Spiked Amount			Recovery	=	0.86%	
50) Toluene-d8	8.72	98	2181	0.29	ug/l	0.00
Spiked Amount			Recovery	=	0.58%	
62) 4-Bromofluorobenzene	11.14	95	635	0.22	ug/l	0.00
Spiked Amount			Recovery	=	0.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	706	1.058	ug/l #	48
6) Chloroethane	1.71	64	57	0.368	ug/l #	44
10) Methyl Iodide	2.52	142	217	2.582	ug/l #	85
11) Tert butyl alcohol	3.02	59	1752	2.463	ug/l #	89
13) Acrolein	2.30	56	80	Below Cal	#	16
15) Acrylonitrile	3.15	53	378	0.235	ug/l #	64
16) Acetone	2.44	43	892	0.612	ug/l #	73
19) Methyl tert-butyl Ether	3.21	73	3867	0.552	ug/l	93
20) Methylene Chloride	2.85	84	1127	Below Cal		91
29) Tetrahydrofuran	5.16	42	393	0.289	ug/l #	35
31) Cyclohexane	5.66	56	3819	1.102	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	14510	4.455	ug/l #	49
38) Carbon Tetrachloride	5.66	117	20019	6.117	ug/l #	16
40) Benzene	6.15	78	32042	3.280	ug/l	97
44) Trichloroethene	7.21	130	60	Below Cal		4
52) Toluene	8.79	92	62362	11.667	ug/l	96
65) Chlorobenzene	10.14	112	78294	11.901	ug/l	94
67) Ethyl Benzene	10.25	91	159103	14.877	ug/l	98
68) m/p-Xylenes	10.36	106	38145	9.189	ug/l	96
69) o-Xylene	10.70	106	37679	9.412	ug/l	97
70) Styrene	10.71	104	107009	16.251	ug/l	99
73) Isopropylbenzene	11.02	105	62359	5.946	ug/l	99
76) 1,2,3-Trichloropropane	11.36	75	973	0.284	ug/l #	1
78) n-propylbenzene	11.36	91	149980	12.428	ug/l	99
79) 2-Chlorotoluene	11.36	91	149980	20.293	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	149842	16.686	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.02	75	774	0.687	ug/l #	61
82) 4-Chlorotoluene	11.51	91	16250	1.855	ug/l #	44
83) tert-Butylbenzene	11.77	119	92988	10.225	ug/l	90
84) 1,2,4-Trimethylbenzene	11.80	105	42426	4.591	ug/l	99
85) sec-Butylbenzene	11.94	105	182998	17.004	ug/l	99
86) p-Isopropyltoluene	12.07	119	44214	4.545	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	93282	16.649	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	76617	13.367	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101918\
Data File : PE3.D
Acq On : 19 Oct 2018 19:40
Operator : JC/MD
Sample : J5026-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 20 05:41:04 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

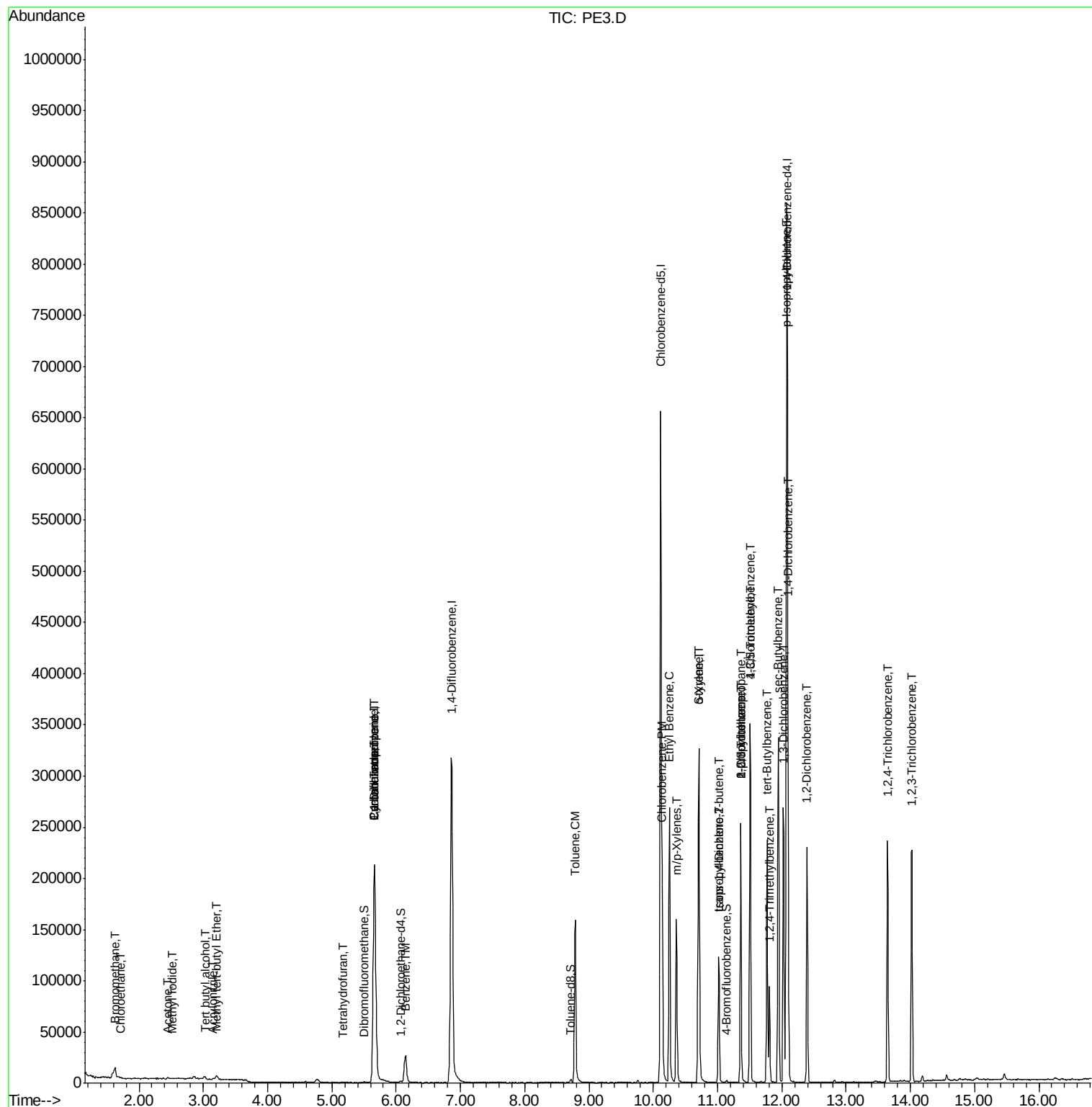
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	12.39	146	79429	13.892	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	61657	14.698	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	61472	14.322	ug/l	98

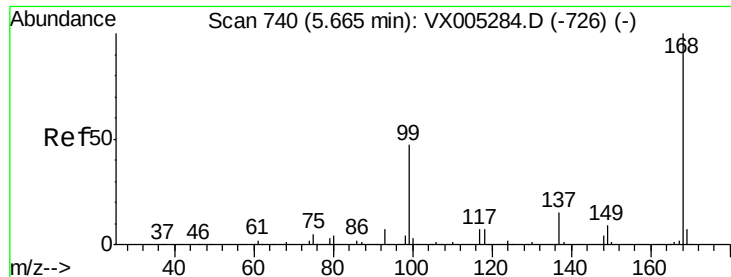
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101918\
Data File : PE3.D
Acq On : 19 Oct 2018 19:40
Operator : JC/MD
Sample : J5026-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 20 05:41:04 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: PE3.D

Acq: 19 Oct 2018 19:40

Instrument :

MSVOA_X

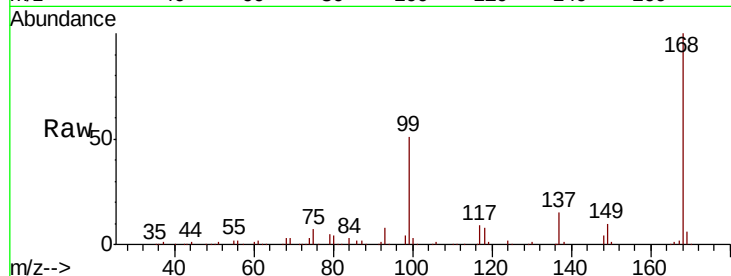
ClientSampleId :

Tot Ion:168 Resp: 227199

Ion Ratio Lower Upper

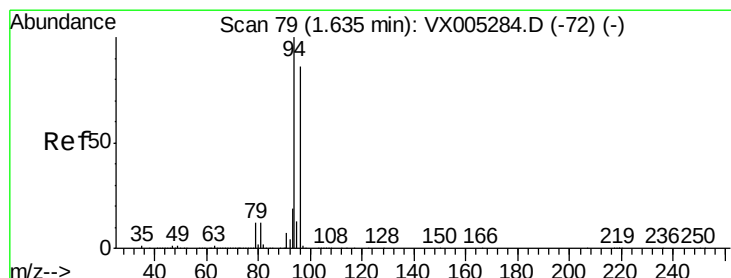
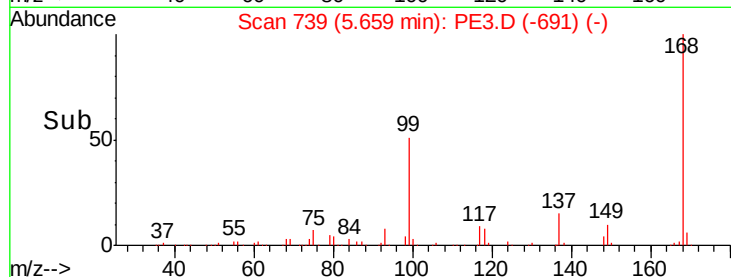
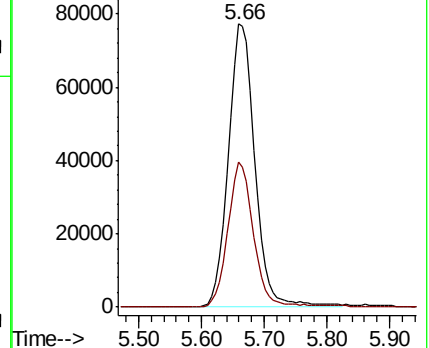
168 100

99 51.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): F

Ion 98.90 (98.60 to 99.60): PE3



#5

Bromomethane

Concen: 1.058 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: PE3.D

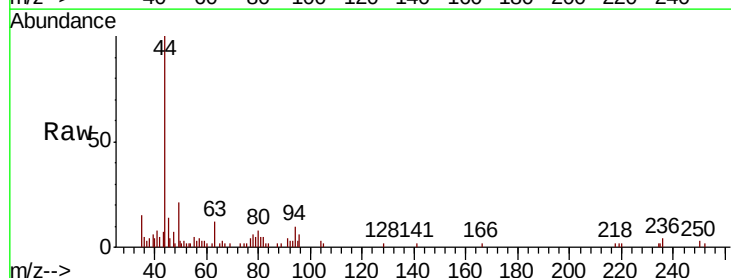
Acq: 19 Oct 2018 19:40

Tgt Ion: 94 Resp: 706

Ion Ratio Lower Upper

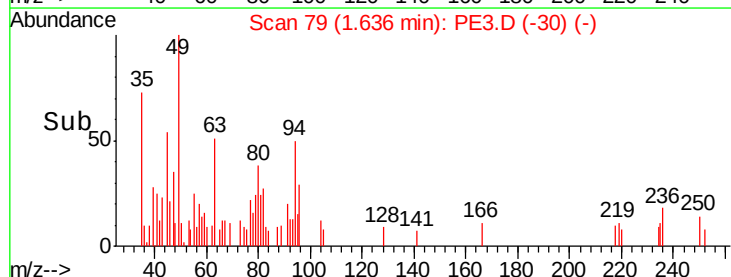
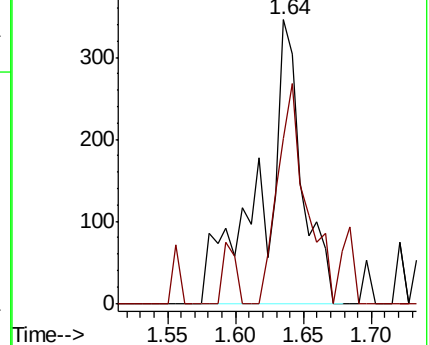
94 100

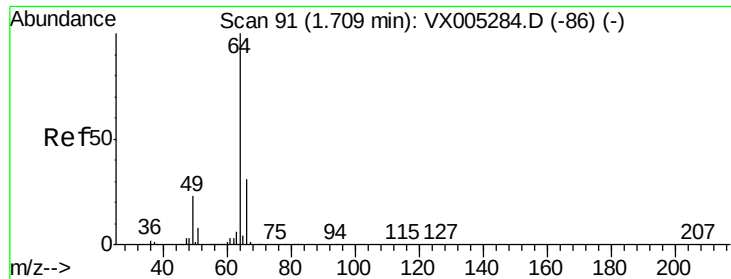
96 43.1 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): PE3

Ion 95.90 (95.60 to 96.60): PE3





#6

Chloroethane

Concen: 0.368 ug/l

RT: 1.71 min Scan# 91

Delta R.T. 0.00 min

Lab File: PE3.D

Acq: 19 Oct 2018 19:40

Instrument :

MSVOA_X

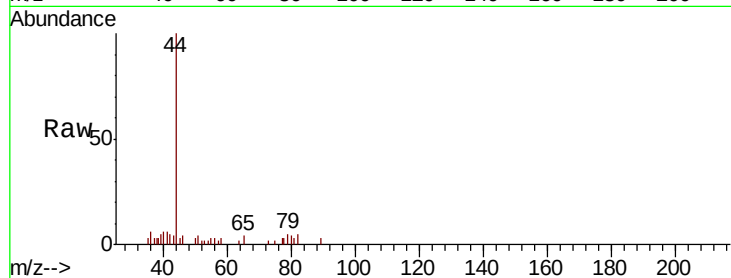
ClientSampled :

Tot Ion: 64 Resp: 57

Ion Ratio Lower Upper

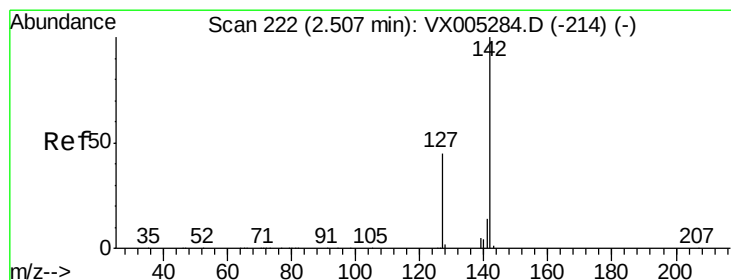
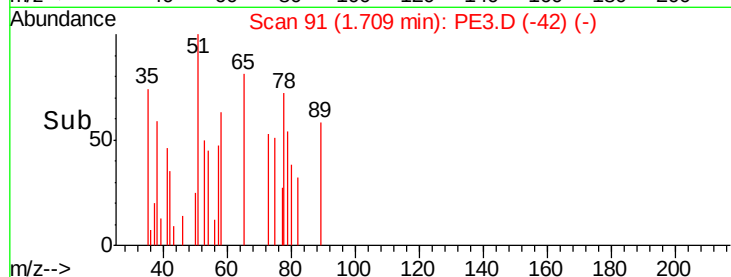
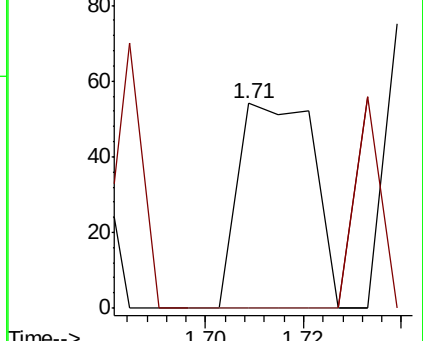
64 100

66 0.0 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): PE3

Ion 65.90 (65.60 to 66.60): PE3



#10

Methyl Iodide

Concen: 2.582 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: PE3.D

Acq: 19 Oct 2018 19:40

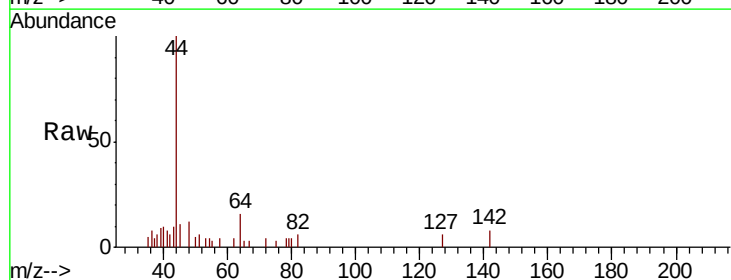
Tgt Ion: 142 Resp: 217

Ion Ratio Lower Upper

142 100

127 36.9 33.8 50.6

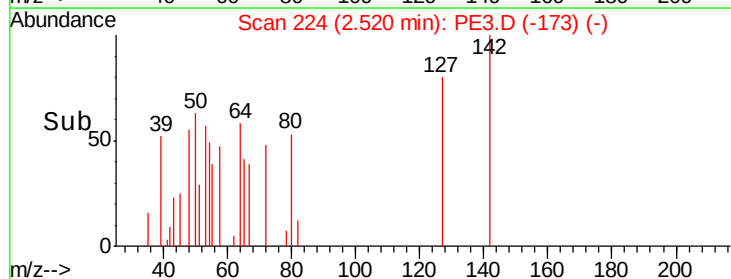
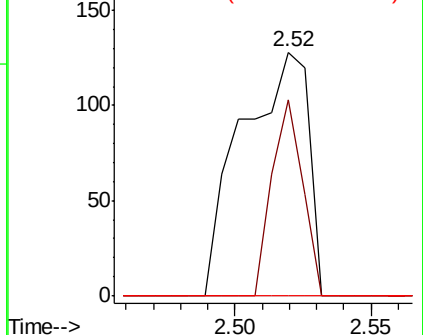
141 0.0 11.4 17.0#

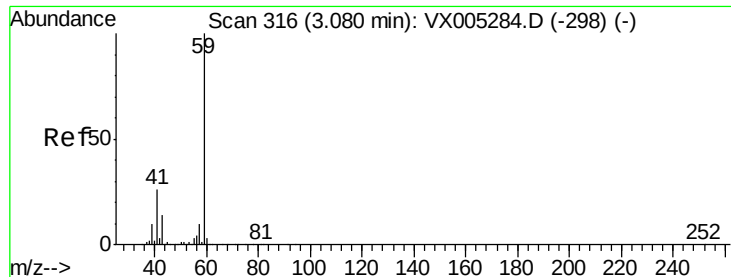


Abundance Ion 141.80 (141.50 to 142.50): F

Ion 126.80 (126.50 to 127.50): F

Ion 140.80 (140.50 to 141.50): F



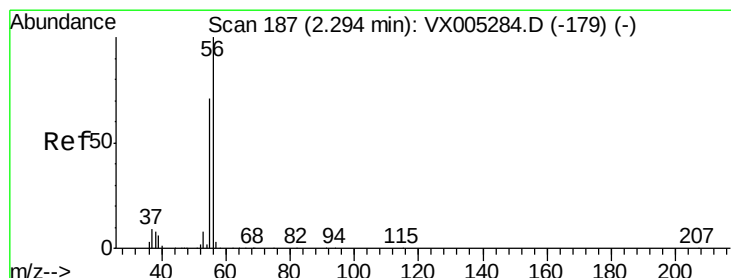
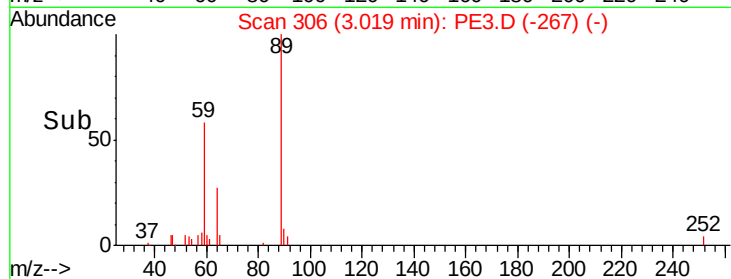
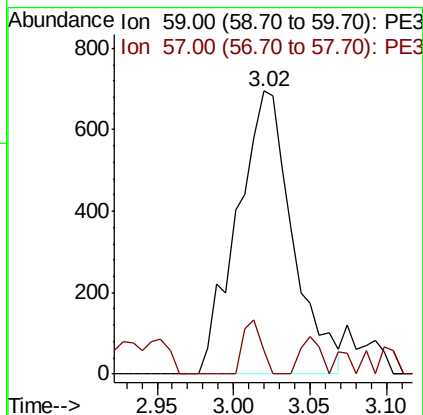
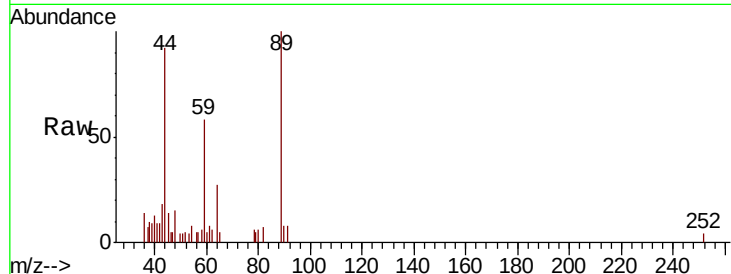


#11

Tert butyl alcohol
 Concen: 2.463 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.06 min
 Lab File: PE3.D
 Acq: 19 Oct 2018 19:40

Instrument :
 MSVOA_X
 ClientSampleId :

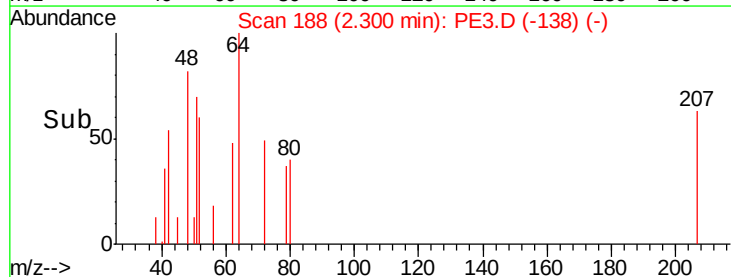
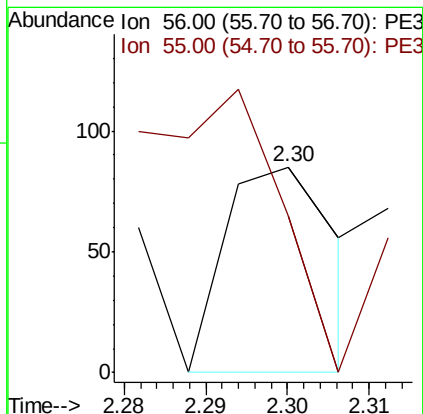
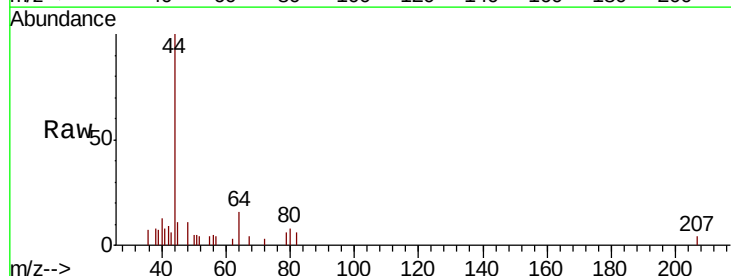
Tot Ion: 59 Resp: 1752
 Ion Ratio Lower Upper
 59 100
 57 6.3 8.2 12.4#

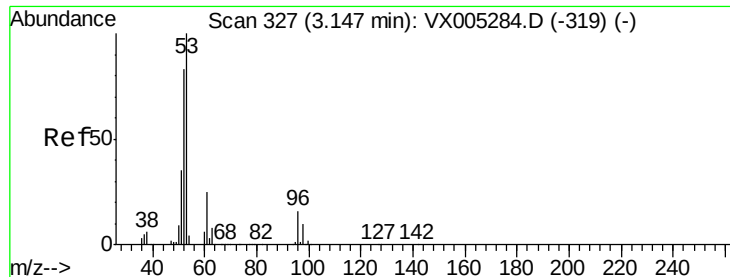


#13

Acrolein
 Concen: Below Cal
 RT: 2.30 min Scan# 188
 Delta R.T. 0.01 min
 Lab File: PE3.D
 Acq: 19 Oct 2018 19:40

Tgt Ion: 56 Resp: 80
 Ion Ratio Lower Upper
 56 100
 55 0.0 54.7 82.1#





#15

Acrylonitrile

Concen: 0.235 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: PE3.D

Acq: 19 Oct 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :

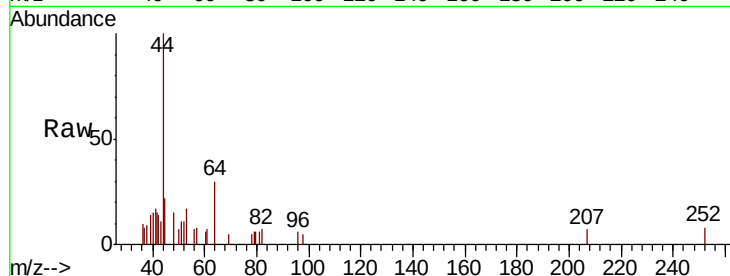
Tot Ion: 53 Resp: 378

Ion Ratio Lower Upper

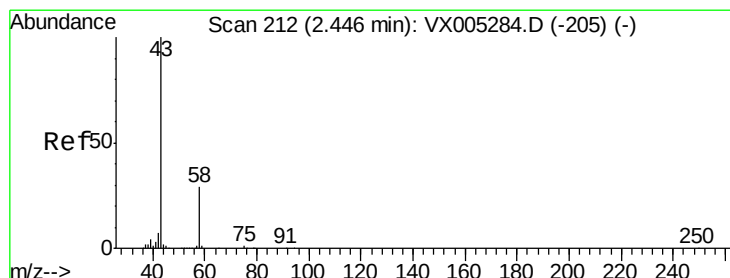
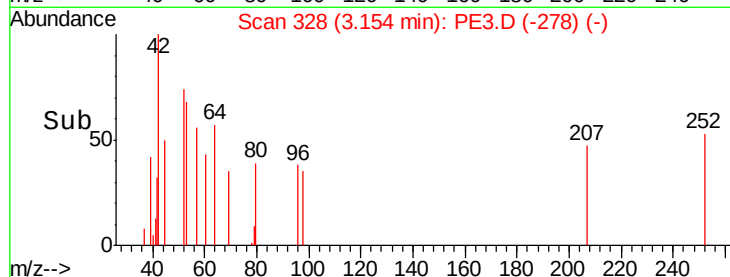
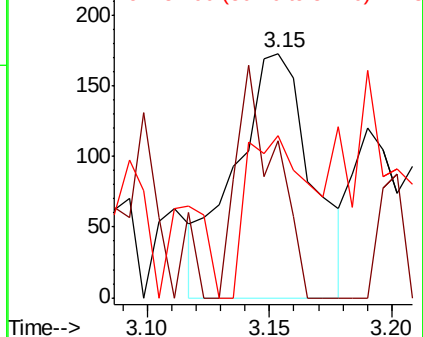
53 100

52 48.7 65.2 97.8#

51 55.0 28.2 42.2#



Abundance Ion 53.00 (52.70 to 53.70): PE3
Ion 52.00 (51.70 to 52.70): PE3
Ion 51.00 (50.70 to 51.70): PE3



#16

Acetone

Concen: 0.612 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: PE3.D

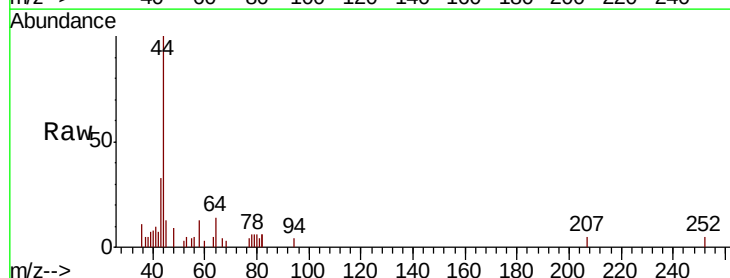
Acq: 19 Oct 2018 19:40

Tgt Ion: 43 Resp: 892

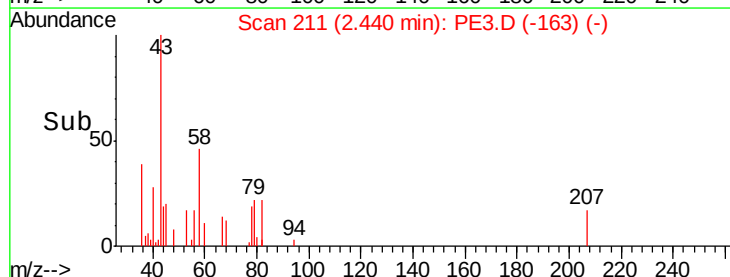
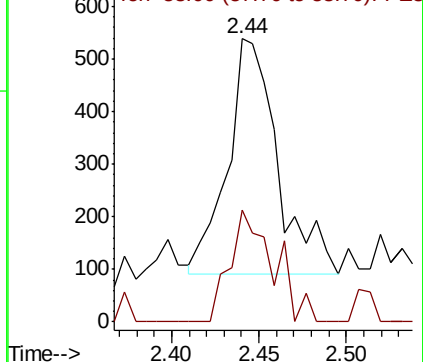
Ion Ratio Lower Upper

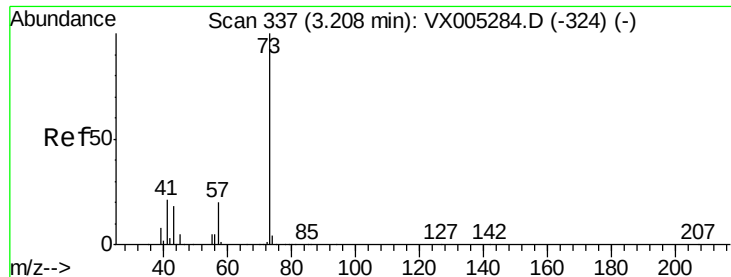
43 100

58 48.0 26.2 39.4#



Abundance Ion 43.00 (42.70 to 43.70): PE3
Ion 58.00 (57.70 to 58.70): PE3



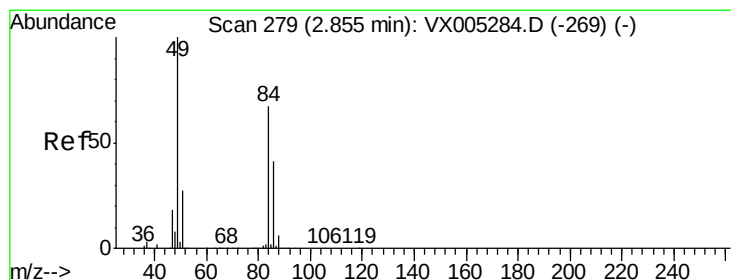
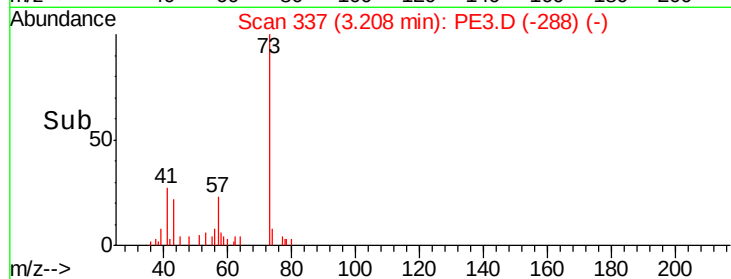
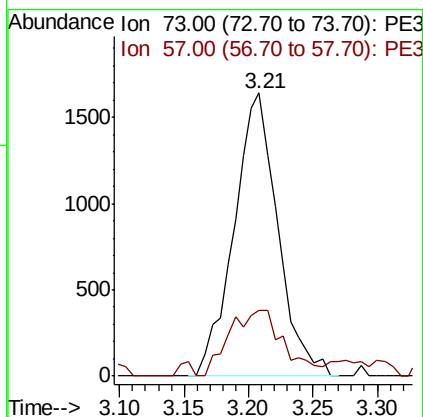
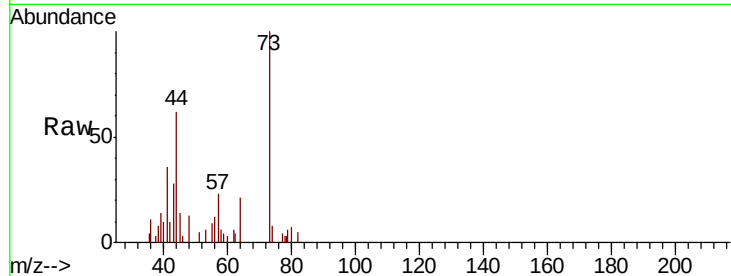


#19

Methyl tert-butyl Ether
 Concen: 0.552 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.00 min
 Lab File: PE3.D
 Acq: 19 Oct 2018 19:40

Instrument :
 MSVOA_X
 ClientSampleId :

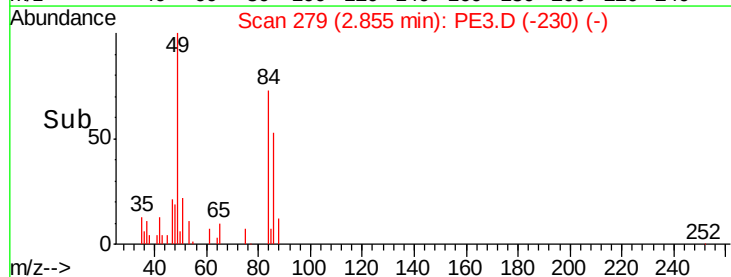
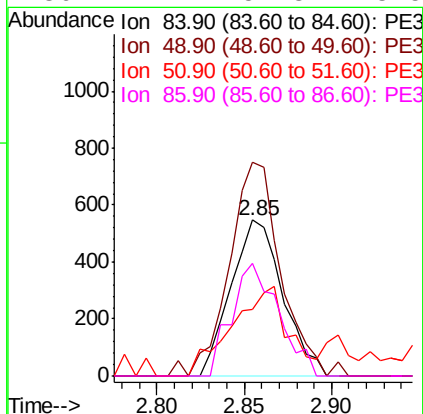
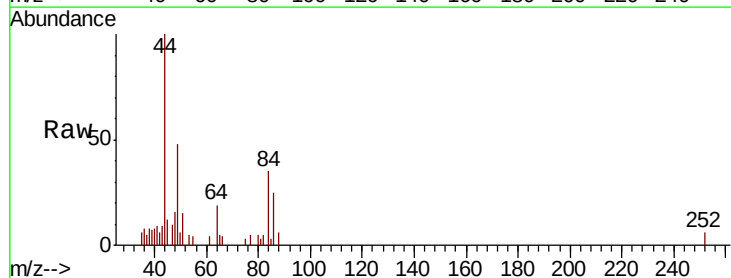
Tot Ion: 73 Resp: 3867
 Ion Ratio Lower Upper
 73 100
 57 18.2 17.1 25.7

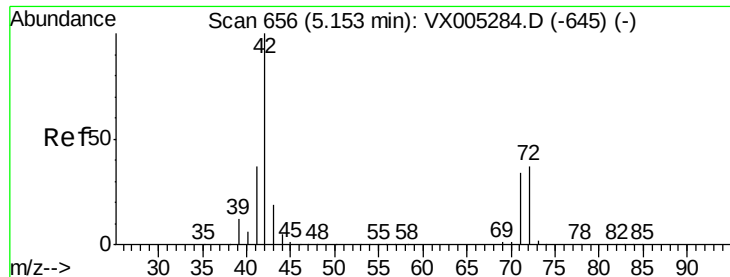


#20

Methylene Chloride
 Concen: Below Cal
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: PE3.D
 Acq: 19 Oct 2018 19:40

Tgt Ion: 84 Resp: 1127
 Ion Ratio Lower Upper
 84 100
 49 137.4 101.2 151.8
 51 42.5 29.5 44.3
 86 72.2 52.3 78.5

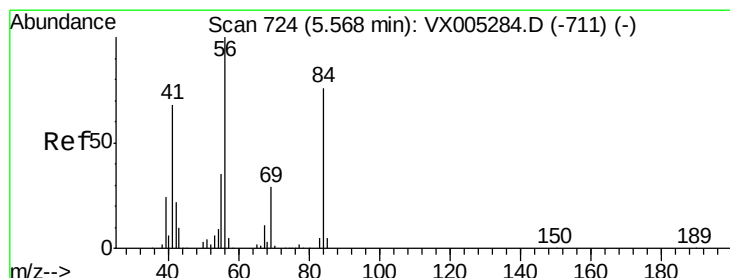
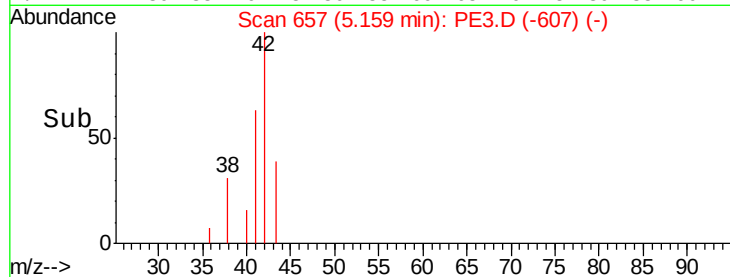
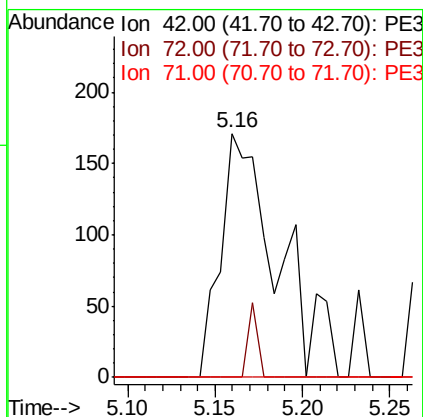
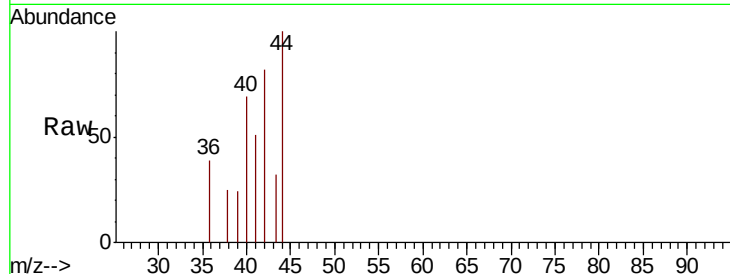




#29
Tetrahydrofuran
Concen: 0.289 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: PE3.D
Acq: 19 Oct 2018 19:40

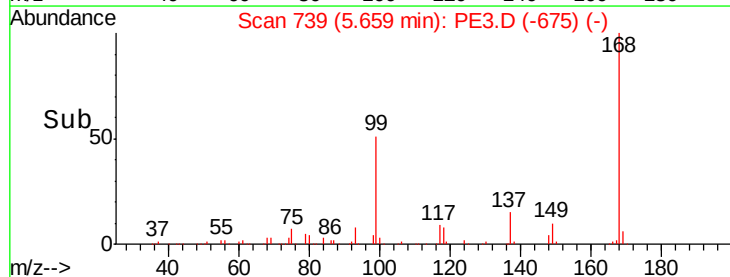
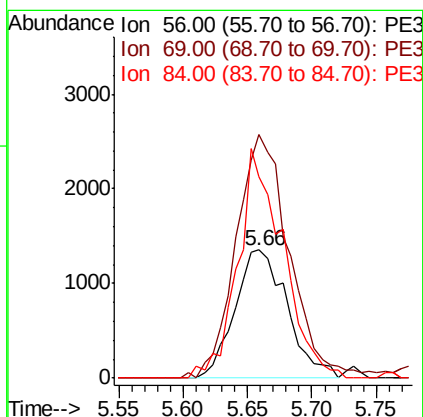
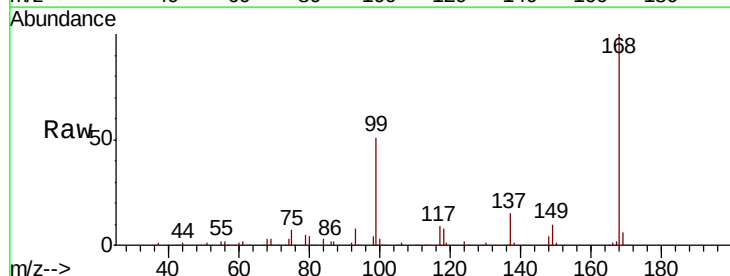
Instrument :
MSVOA_X
ClientSampleId :

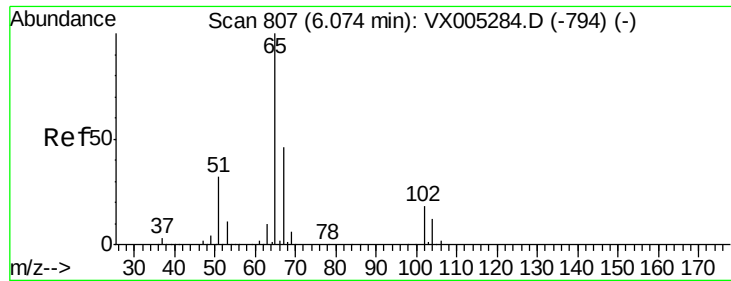
Tot Ion: 42 Resp: 393
Ion Ratio Lower Upper
42 100
72 4.8 37.4 56.0#
71 0.0 34.5 51.7#



#31
Cyclohexane
Concen: 1.102 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: PE3.D
Acq: 19 Oct 2018 19:40

Tgt Ion: 56 Resp: 3819
Ion Ratio Lower Upper
56 100
69 186.1 25.4 38.2#
84 156.6 71.4 107.2#

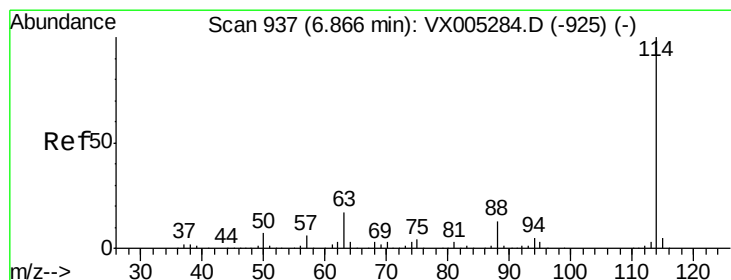
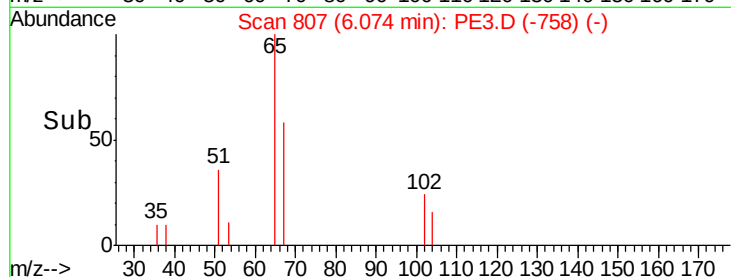
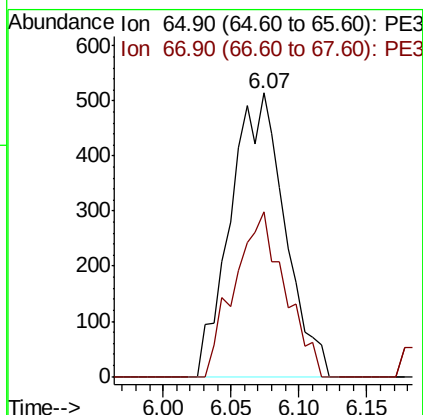
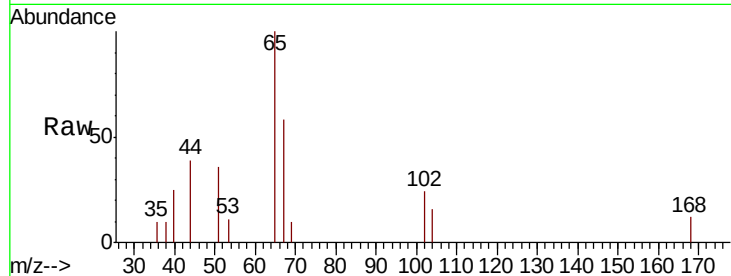




#33
 1,2-Dichloroethane-d4
 Concen: 0.568 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: PE3.D
 Acq: 19 Oct 2018 19:40

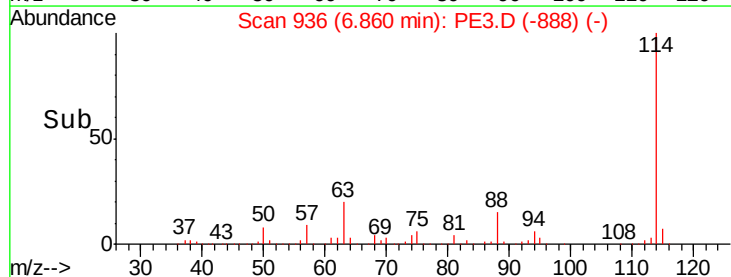
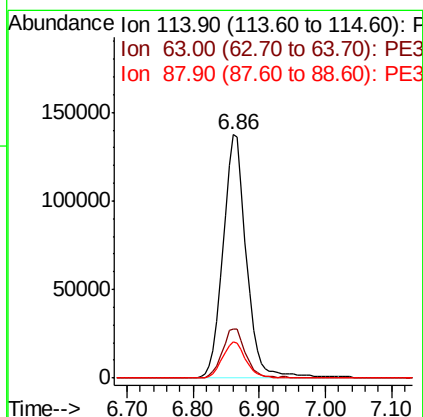
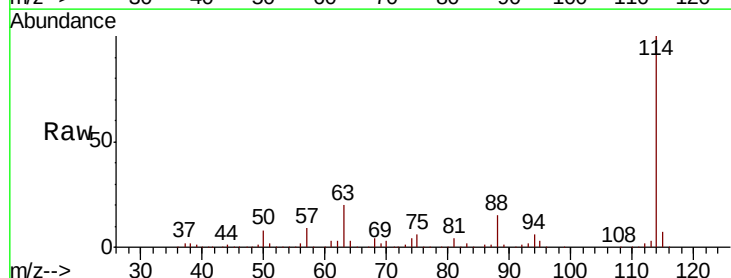
Instrument :
 MSVOA_X
 ClientSampleId :

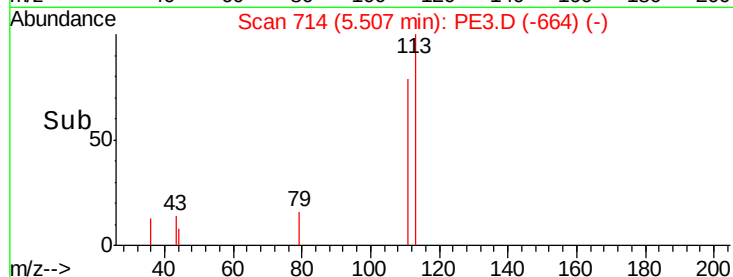
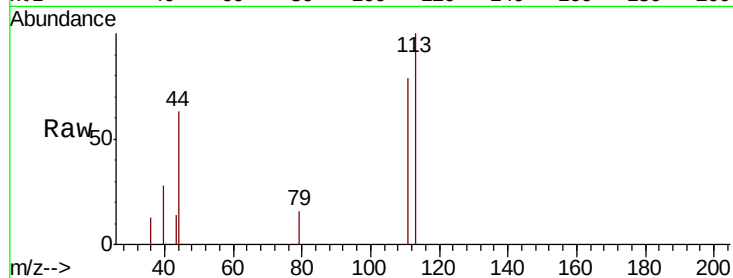
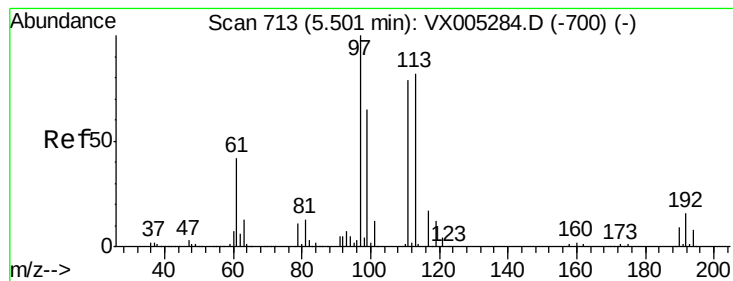
Tot Ion: 65 Resp: 1433
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: PE3.D
 Acq: 19 Oct 2018 19:40

Tgt Ion: 114 Resp: 336289
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.0
 88 14.9 0.0 30.4





#35

Dibromofluoromethane

Concen: 0.433 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: PE3.D

Acq: 19 Oct 2018 19:40

Instrument :

MSVOA_X

ClientSampled :

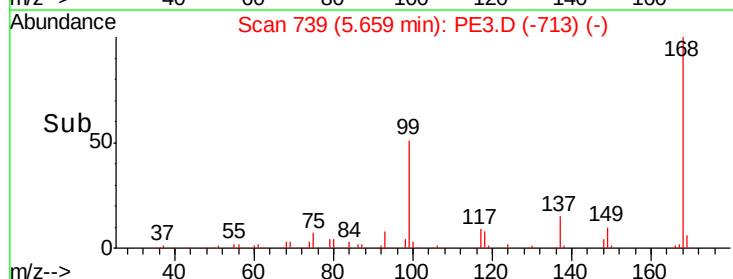
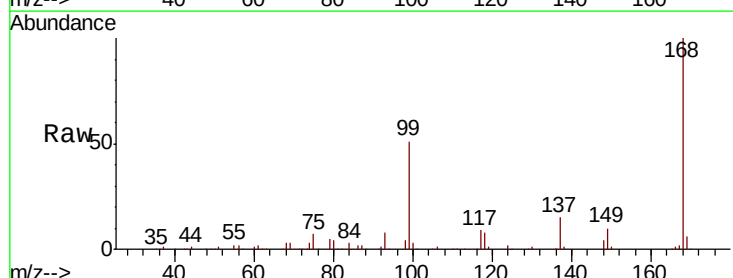
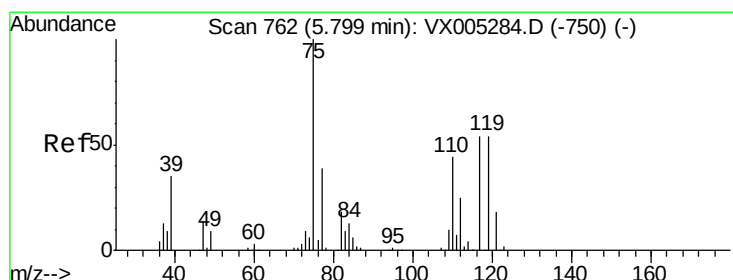
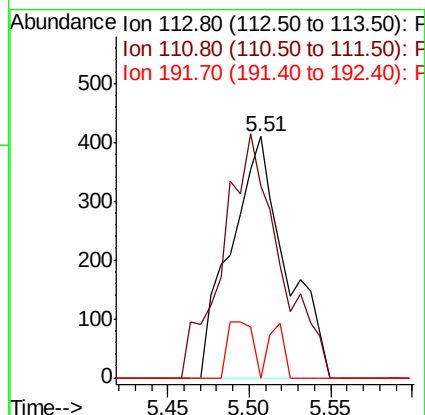
Tot Ion:113 Resp: 965

Ion Ratio Lower Upper

113 100

111 104.7 82.4 123.6

192 6.2 19.4 29.2#



#36

1,1-Dichloropropene

Concen: 4.455 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: PE3.D

Acq: 19 Oct 2018 19:40

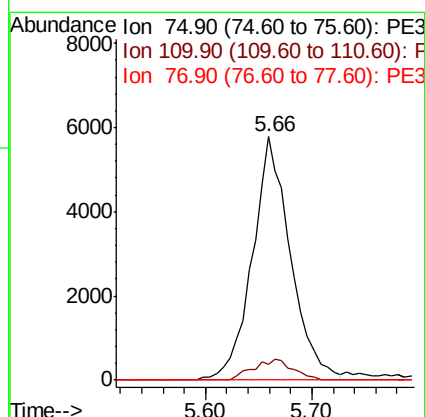
Tgt Ion: 75 Resp: 14510

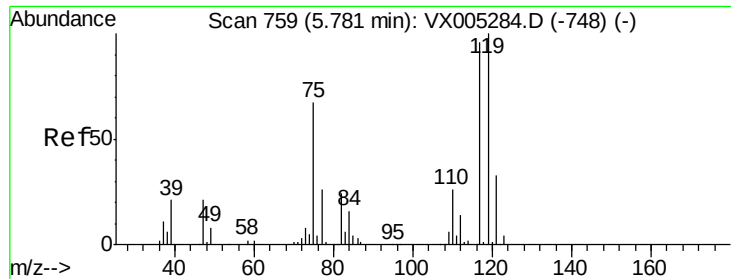
Ion Ratio Lower Upper

75 100

110 8.8 18.0 54.0#

77 0.0 24.6 36.8#

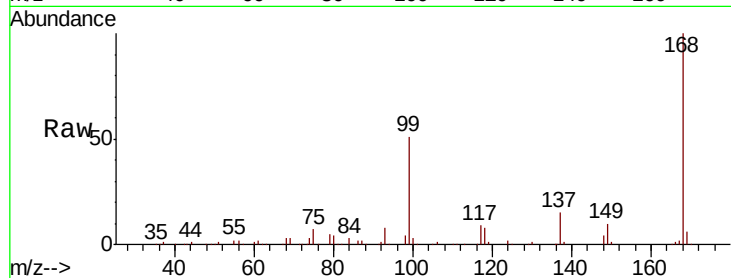




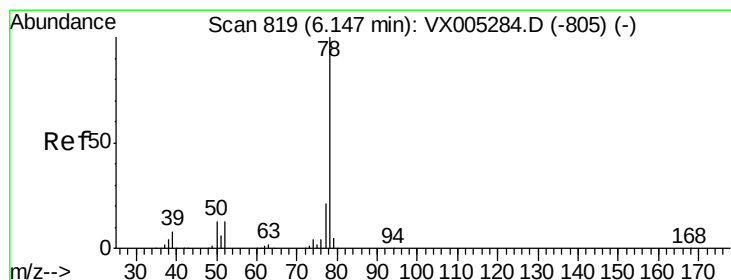
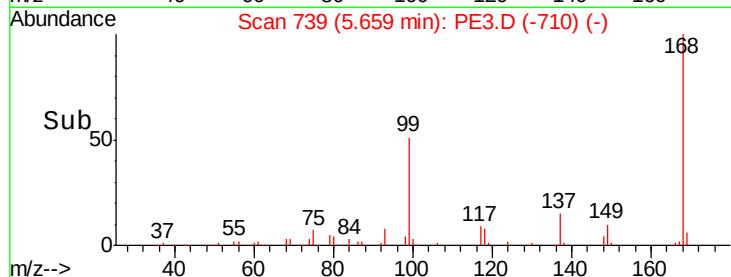
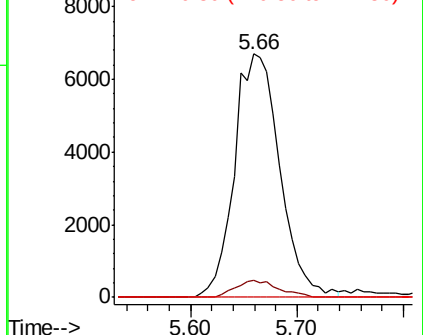
#38
Carbon Tetrachloride
Concen: 6.117 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: PE3.D
Acq: 19 Oct 2018 19:40

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 20019
Ion Ratio Lower Upper
117 100
119 6.9 78.8 118.2#
121 0.0 24.9 37.3#

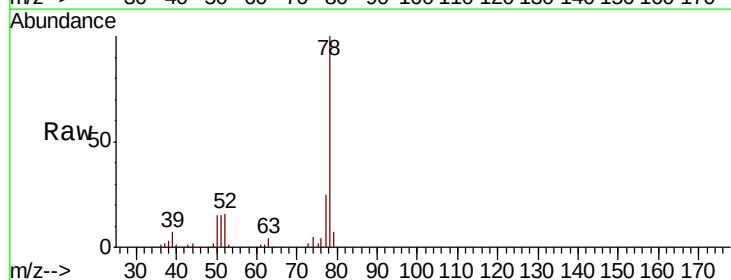


Abundance Ion 116.80 (116.50 to 117.50): F
Ion 118.80 (118.50 to 119.50): F
Ion 120.80 (120.50 to 121.50): F

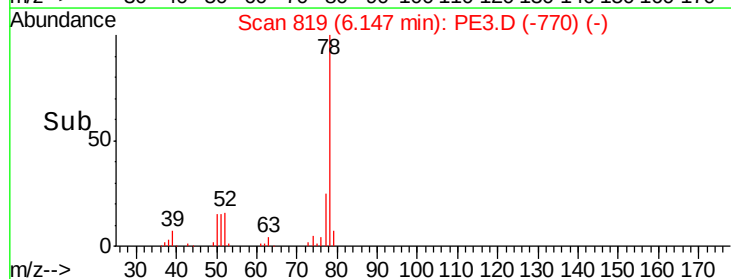
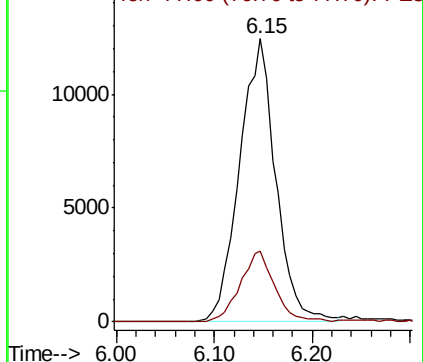


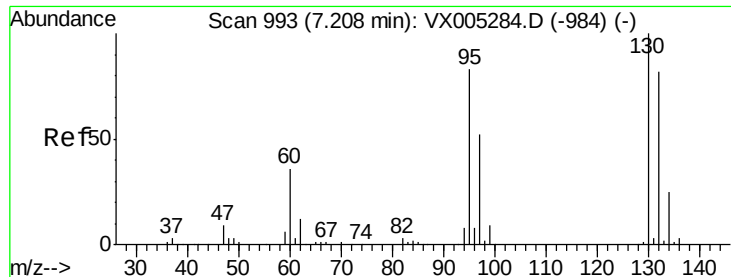
#40
Benzene
Concen: 3.280 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.00 min
Lab File: PE3.D
Acq: 19 Oct 2018 19:40

Tgt Ion: 78 Resp: 32042
Ion Ratio Lower Upper
78 100
77 25.0 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): PE3
Ion 77.00 (76.70 to 77.70): PE3

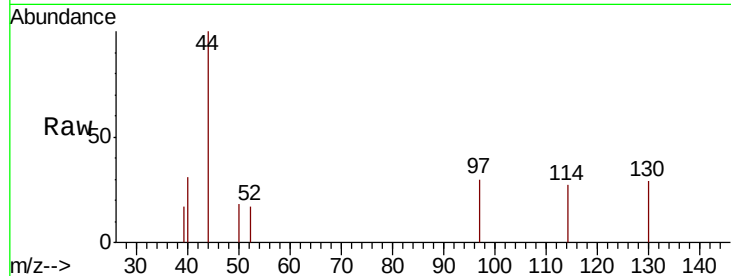




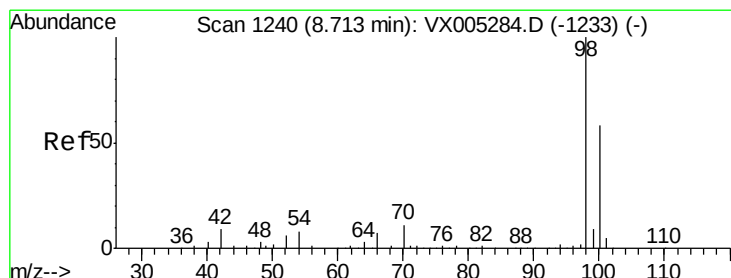
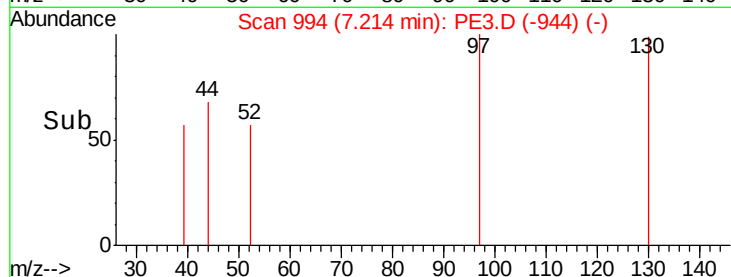
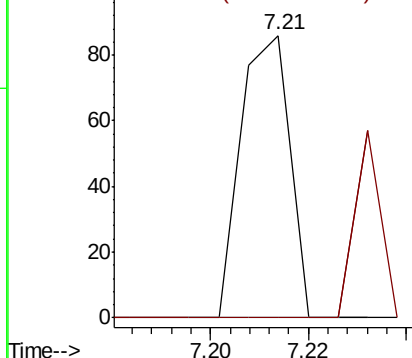
#44
 Trichloroethene
 Concen: Below Cal
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: PE3.D
 Acq: 19 Oct 2018 19:40

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:130 Resp: 60
 Ion Ratio Lower Upper
 130 100
 95 0.0 0.0 181.6

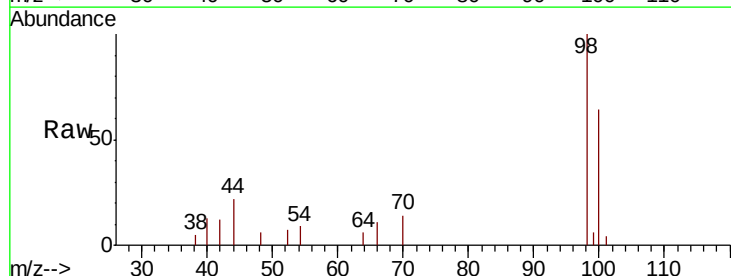


Abundance Ion 129.80 (129.50 to 130.50): F
 Ion 94.90 (94.60 to 95.60): PE3

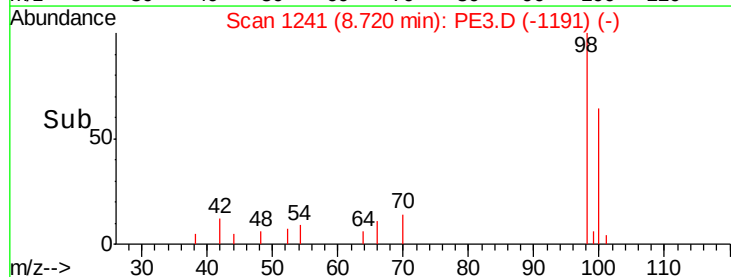
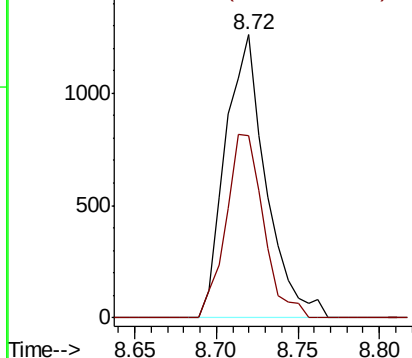


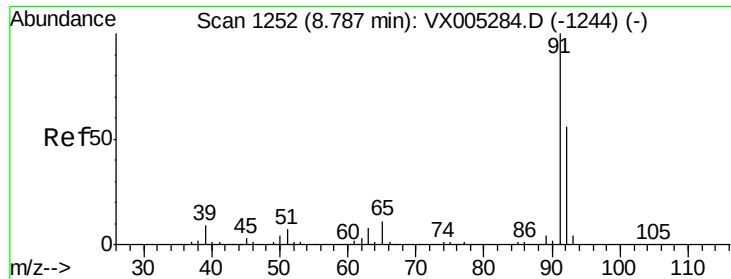
#50
 Toluene-d8
 Concen: 0.285 ug/l
 RT: 8.72 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: PE3.D
 Acq: 19 Oct 2018 19:40

Tgt Ion: 98 Resp: 2181
 Ion Ratio Lower Upper
 98 100
 100 60.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): PE3
 Ion 100.00 (99.70 to 100.70): PE3





#52

Toluene

Concen: 11.667 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: PE3.D

Acq: 19 Oct 2018 19:40

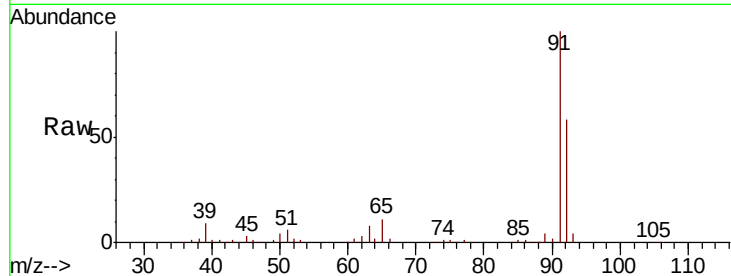
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 92 Resp: 62362

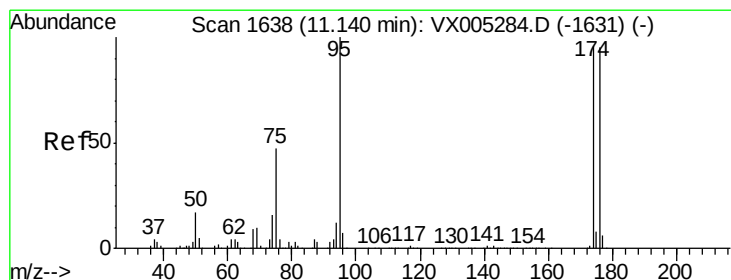
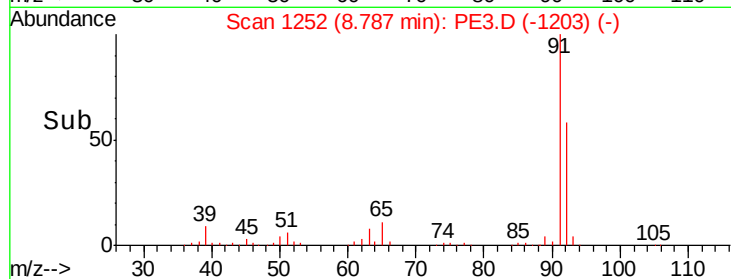
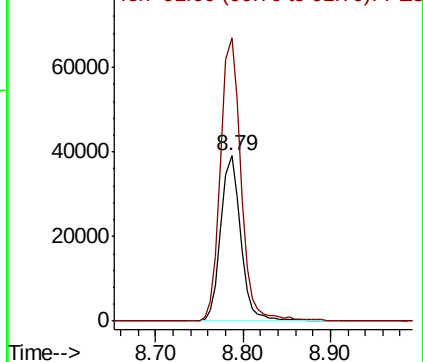
Ion Ratio Lower Upper

92 100

91 175.7 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): PE3
Ion 91.00 (90.70 to 91.70): PE3



#62

4-Bromofluorobenzene

Concen: 0.221 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: PE3.D

Acq: 19 Oct 2018 19:40

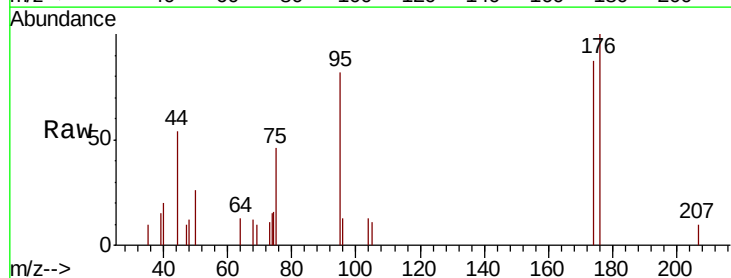
Tgt Ion: 95 Resp: 635

Ion Ratio Lower Upper

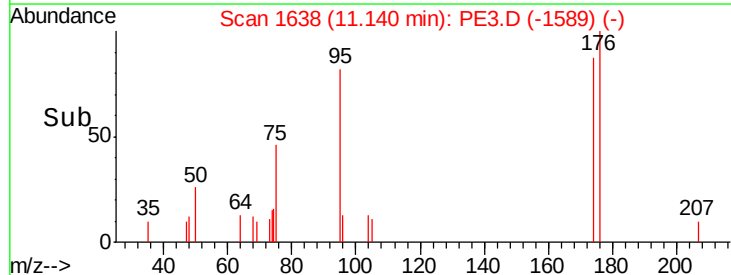
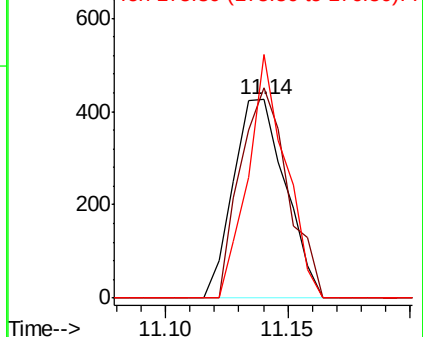
95 100

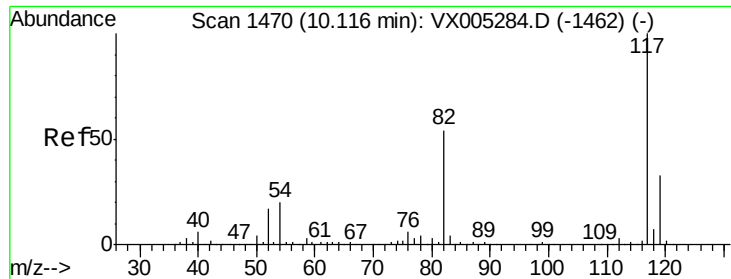
174 96.4 0.0 185.2

176 89.0 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): PE3
Ion 173.80 (173.50 to 174.50): F
Ion 175.80 (175.50 to 176.50): F

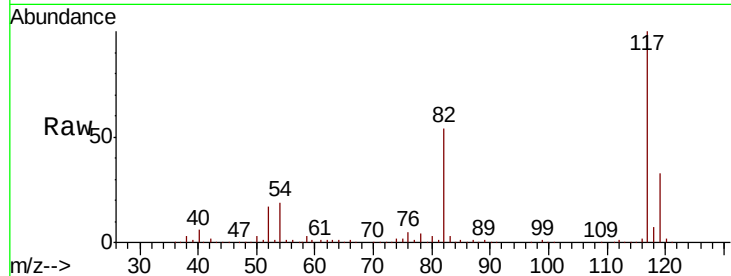




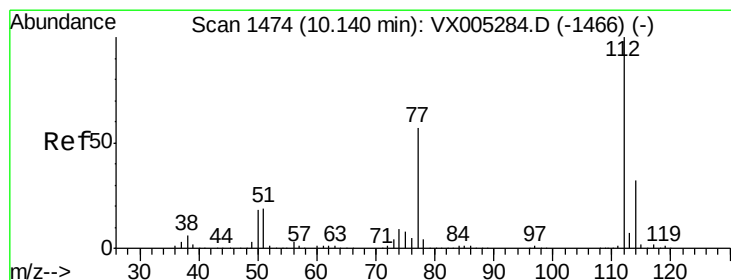
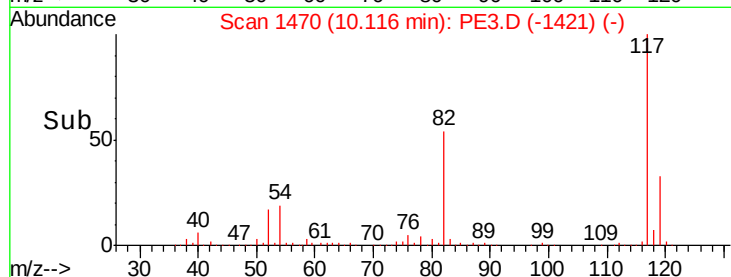
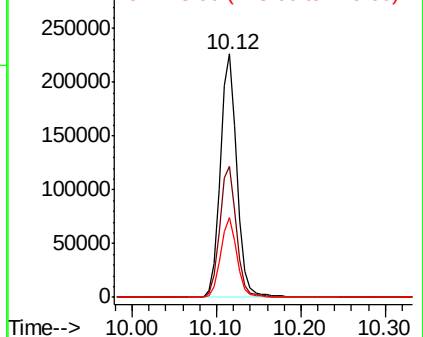
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: PE3.D
Acq: 19 Oct 2018 19:40

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 309272
Ion Ratio Lower Upper
117 100
82 53.6 47.8 71.6
119 32.6 29.3 43.9

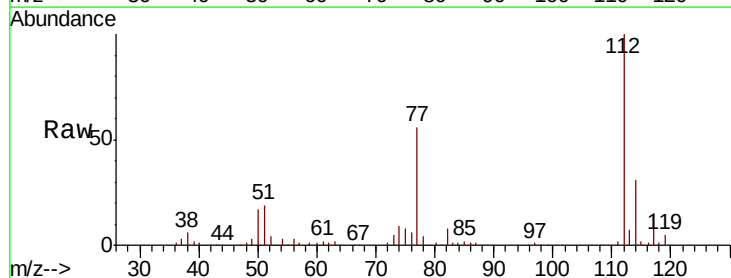


Abundance Ion 116.90 (116.60 to 117.60): F
Ion 82.00 (81.70 to 82.70): PE3
Ion 118.90 (118.60 to 119.60): F

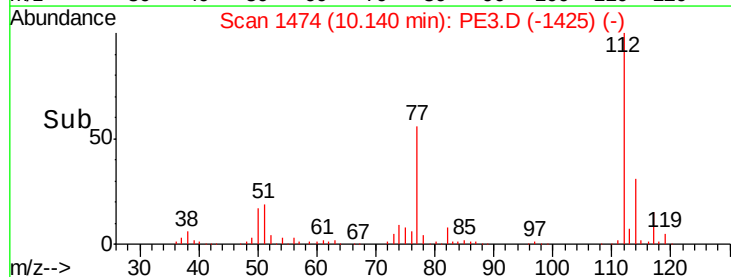
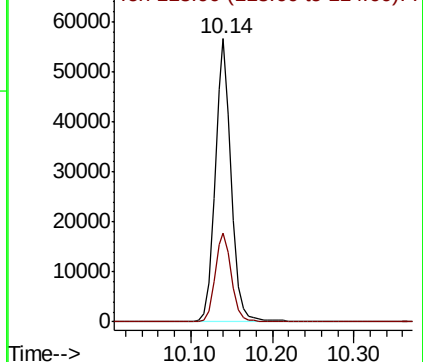


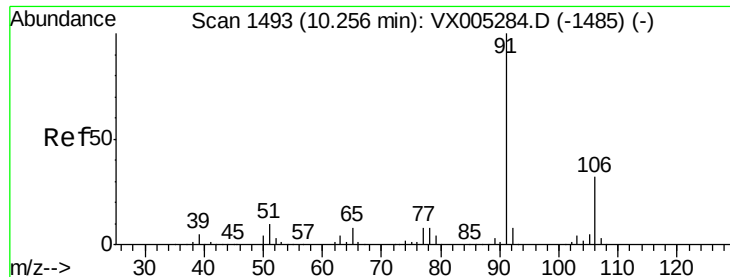
#65
Chlorobenzene
Concen: 11.901 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: PE3.D
Acq: 19 Oct 2018 19:40

Tgt Ion:112 Resp: 78294
Ion Ratio Lower Upper
112 100
114 31.2 27.8 41.8



Abundance Ion 111.90 (111.60 to 112.60): F
Ion 113.90 (113.60 to 114.60): F

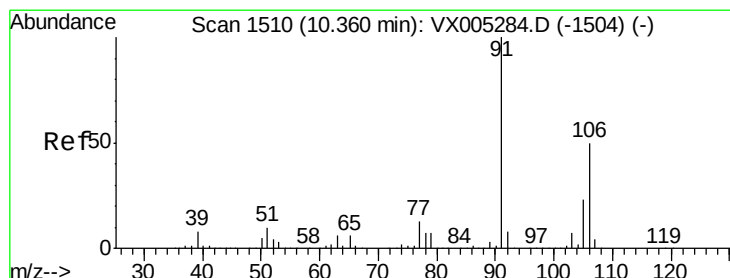
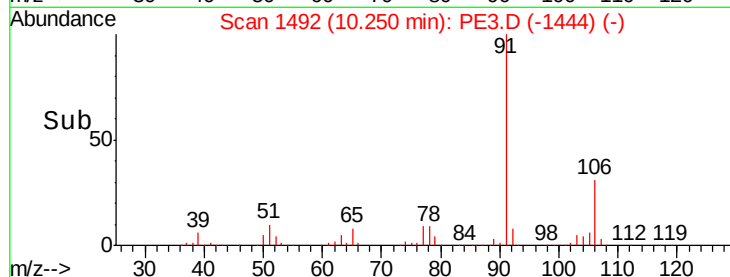
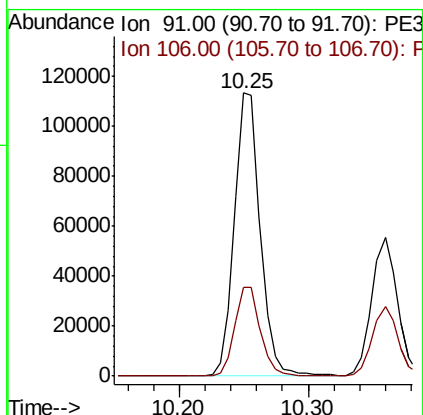
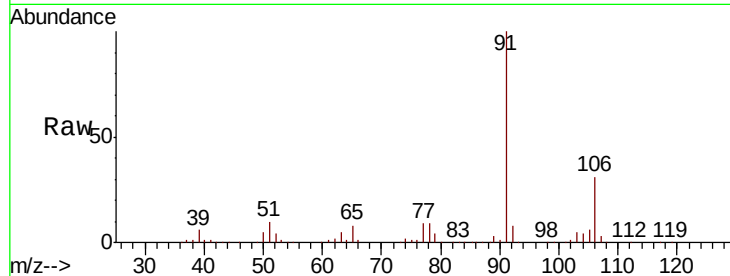




#67
Ethyl Benzene
Concen: 14.877 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: PE3.D
Acq: 19 Oct 2018 19:40

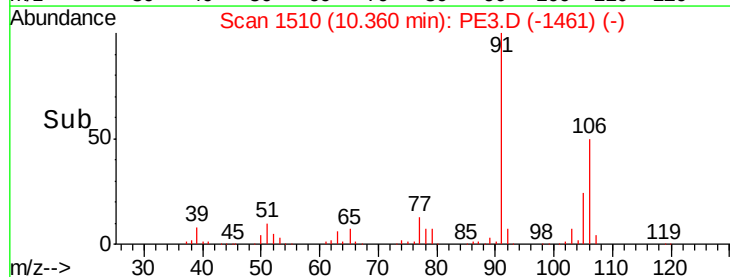
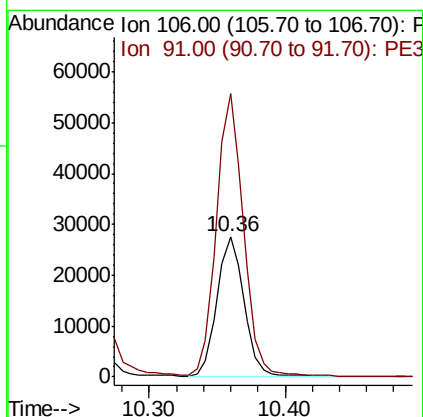
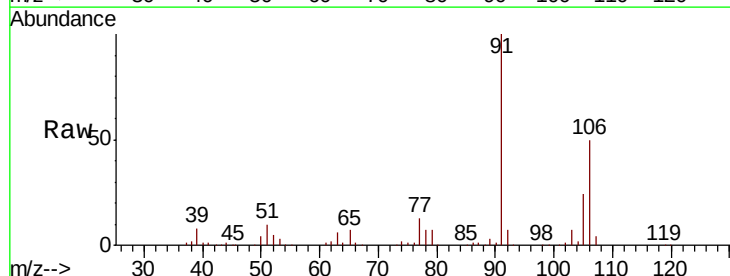
Instrument :
MSVOA_X
ClientSampleId :

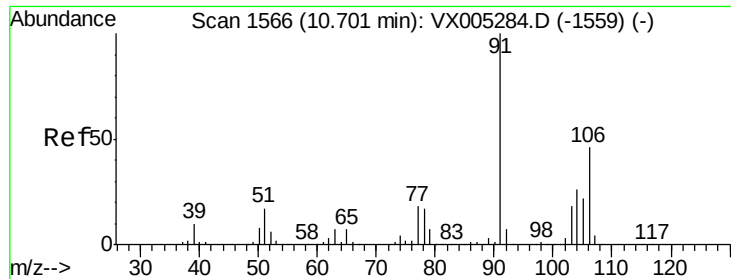
Tot Ion: 91 Resp: 159103
Ion Ratio Lower Upper
91 100
106 31.5 25.9 38.9



#68
m/p-Xylenes
Concen: 9.189 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: PE3.D
Acq: 19 Oct 2018 19:40

Tgt Ion: 106 Resp: 38145
Ion Ratio Lower Upper
106 100
91 202.6 157.1 235.7

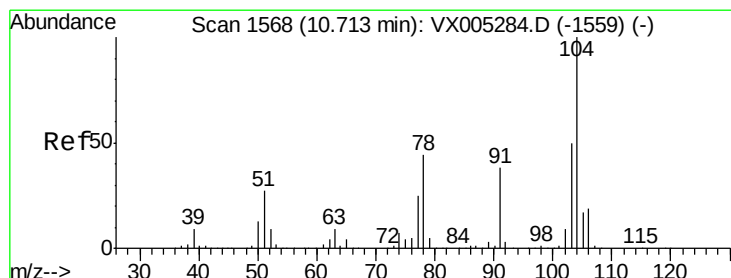
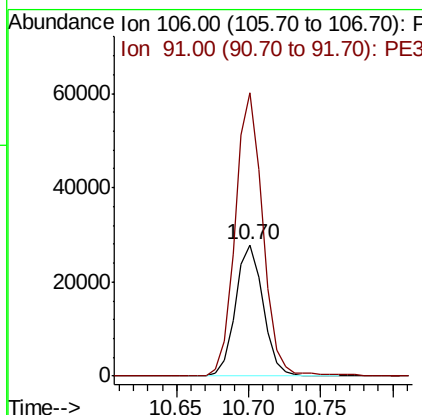
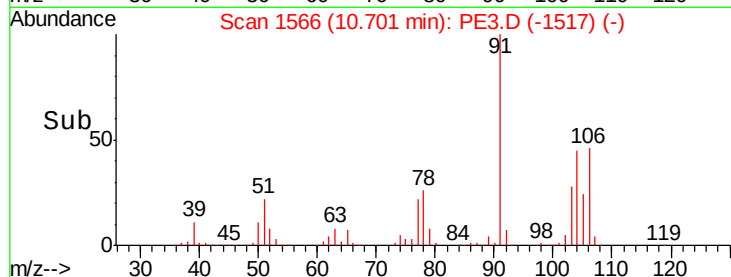
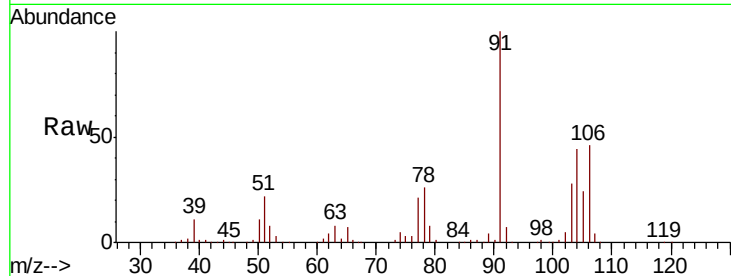




#69
o-Xylene
Concen: 9.412 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: PE3.D
Acq: 19 Oct 2018 19:40

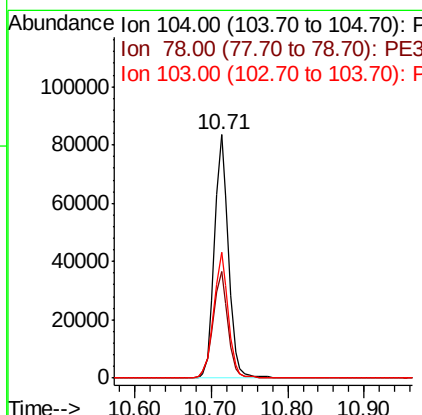
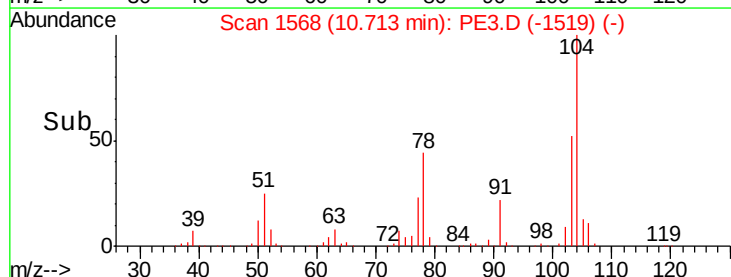
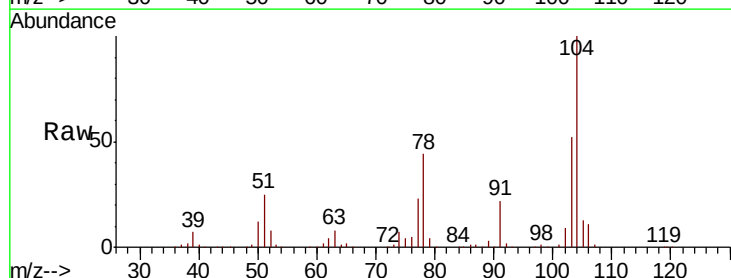
Instrument :
MSVOA_X
ClientSampleId :

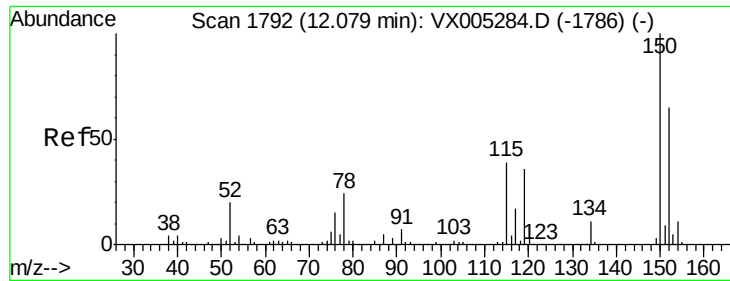
Tot Ion:106 Resp: 37679
Ion Ratio Lower Upper
106 100
91 214.8 105.1 315.1



#70
Styrene
Concen: 16.251 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: PE3.D
Acq: 19 Oct 2018 19:40

Tgt Ion:104 Resp: 107009
Ion Ratio Lower Upper
104 100
78 46.2 37.4 56.0
103 53.5 43.8 65.6

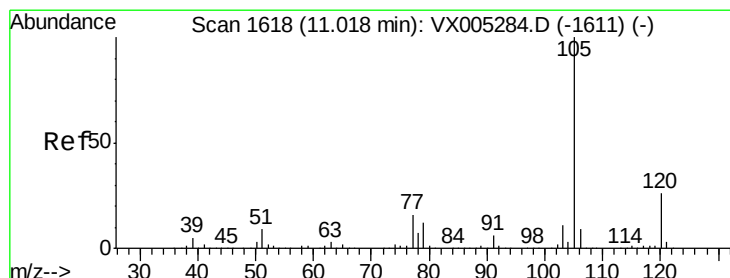
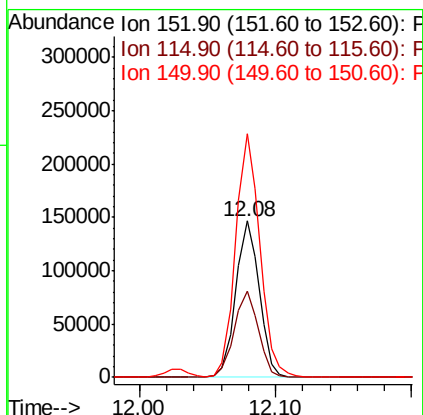
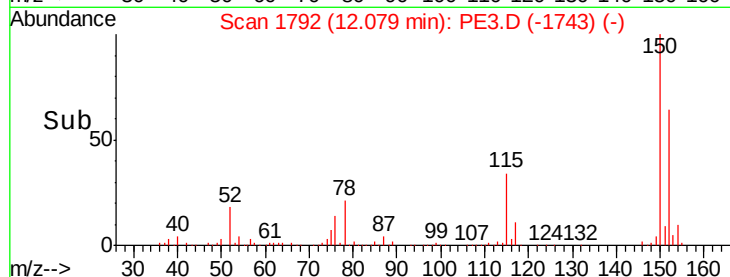
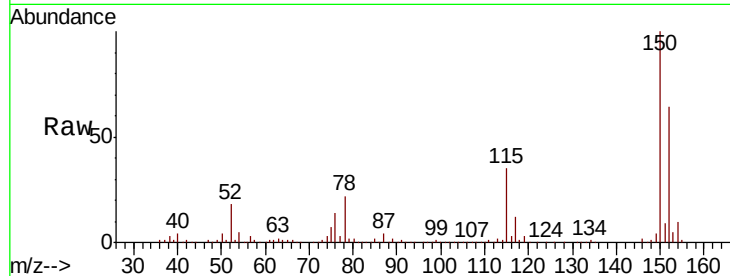




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: PE3.D
 Acq: 19 Oct 2018 19:40

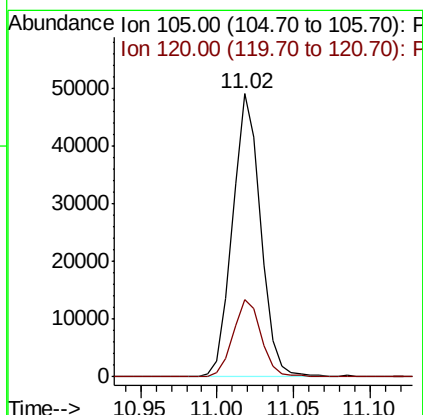
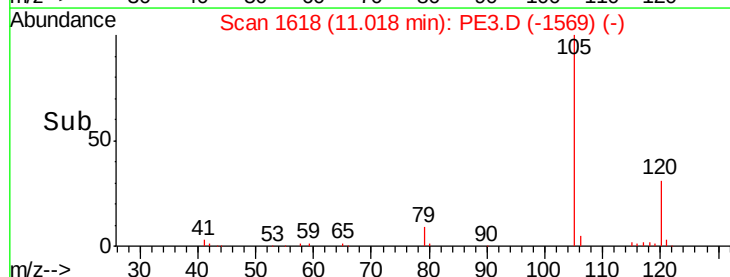
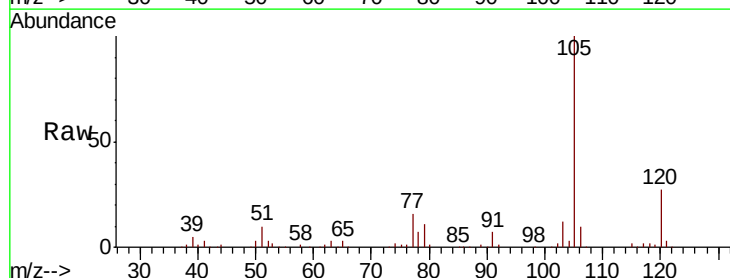
Instrument :
 MSVOA_X
 ClientSampleId :

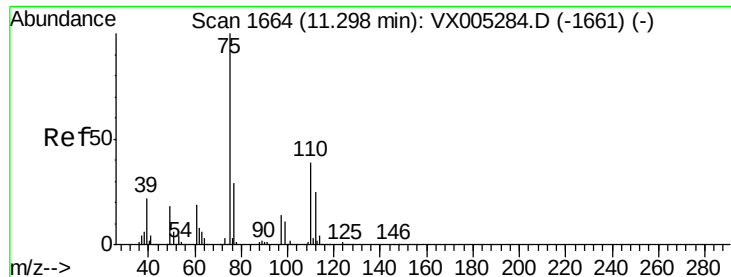
Tot Ion:152 Resp: 176405
 Ion Ratio Lower Upper
 152 100
 115 56.8 39.0 117.0
 150 160.4 0.0 351.0



#73
 Isopropylbenzene
 Concen: 5.946 ug/l
 RT: 11.02 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: PE3.D
 Acq: 19 Oct 2018 19:40

Tgt Ion:105 Resp: 62359
 Ion Ratio Lower Upper
 105 100
 120 27.4 13.5 40.4





#76

1,2,3-Trichloropropane

Concen: 0.284 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.06 min

Lab File: PE3.D

Acq: 19 Oct 2018 19:40

Instrument :

MSVOA_X

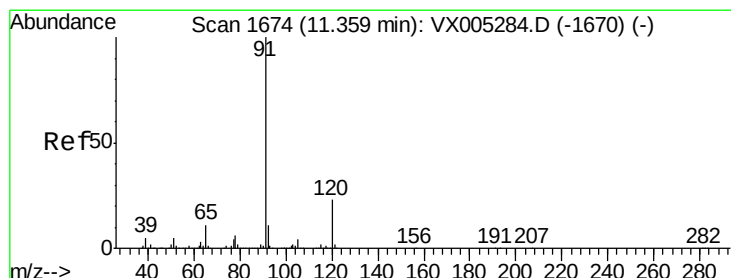
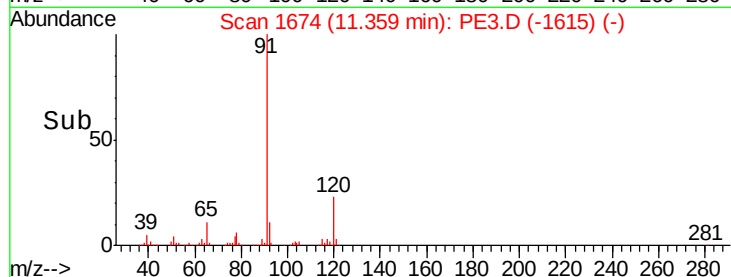
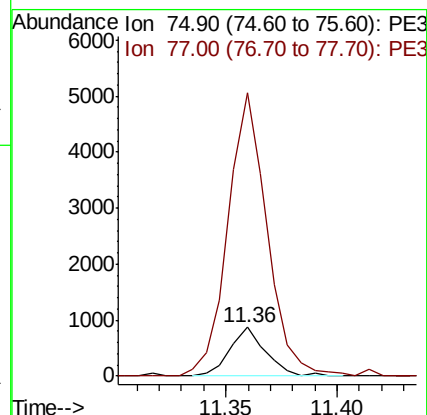
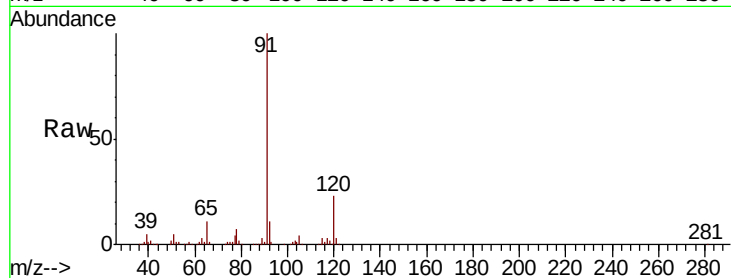
ClientSampleId :

Tot Ion: 75 Resp: 973

Ion Ratio Lower Upper

75 100

77 635.1 20.2 60.6#



#78

n-propylbenzene

Concen: 12.428 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: PE3.D

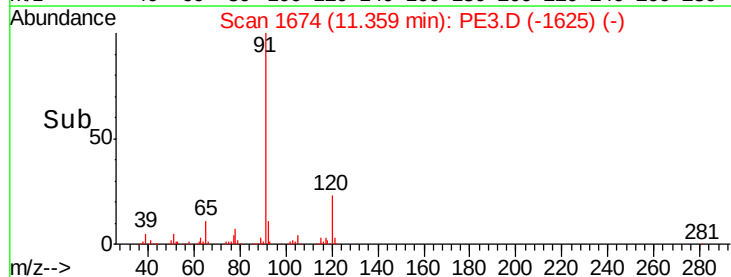
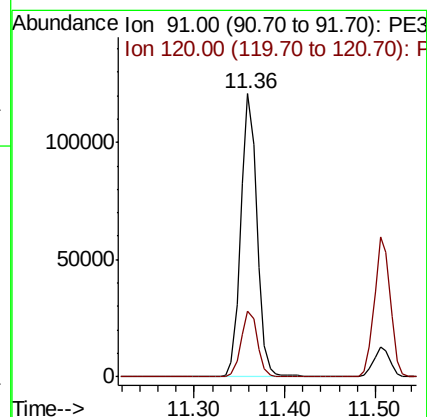
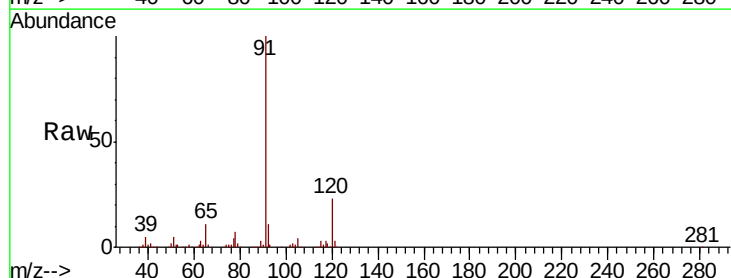
Acq: 19 Oct 2018 19:40

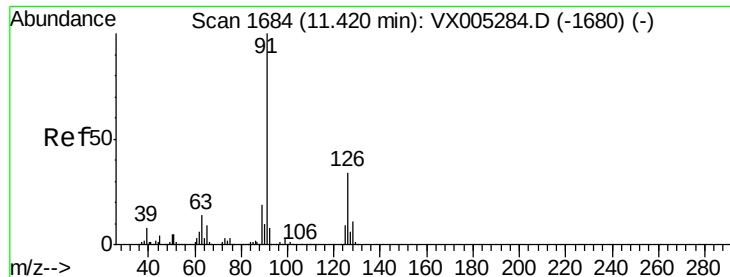
Tgt Ion: 91 Resp: 149980

Ion Ratio Lower Upper

91 100

120 23.6 11.9 35.9





#79

2-Chlorotoluene

Concen: 20.293 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: PE3.D

Acq: 19 Oct 2018 19:40

Instrument :

MSVOA_X

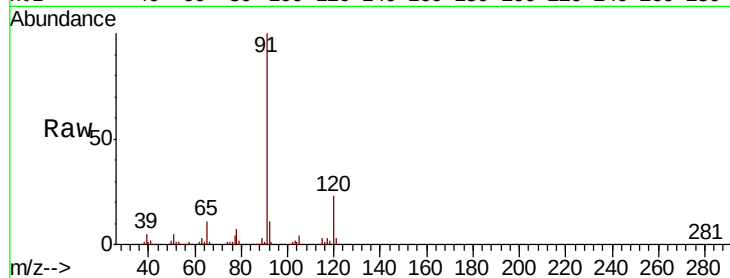
ClientSampleId :

Tot Ion: 91 Resp: 149980

Ion Ratio Lower Upper

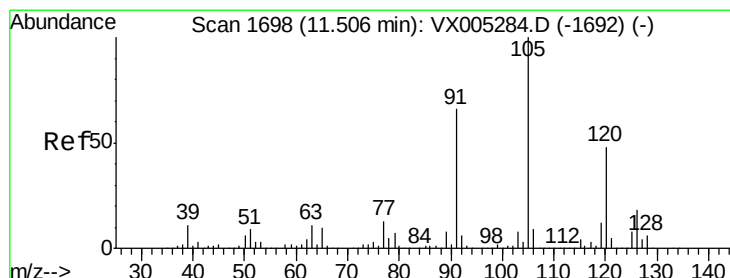
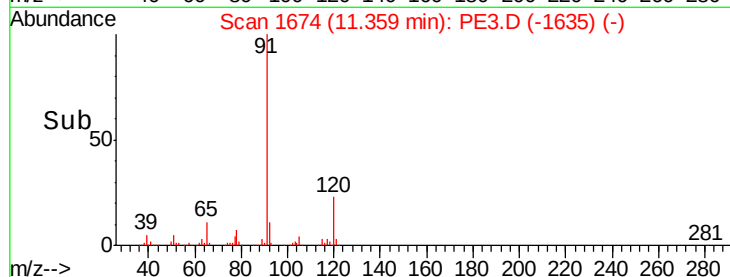
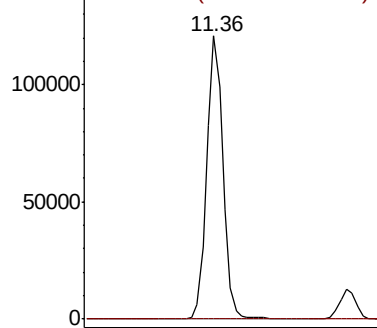
91 100

126 0.0 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): PE3

Ion 125.90 (125.60 to 126.60): F



#80

1,3,5-Trimethylbenzene

Concen: 16.686 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: PE3.D

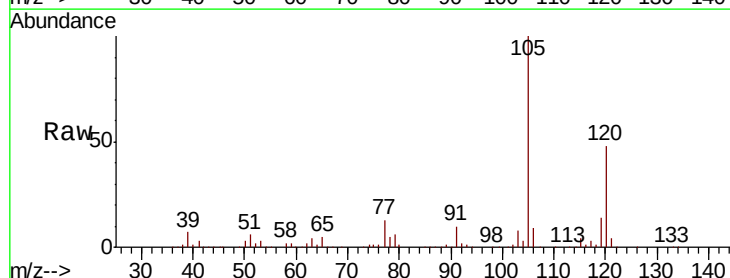
Acq: 19 Oct 2018 19:40

Tgt Ion:105 Resp: 149842

Ion Ratio Lower Upper

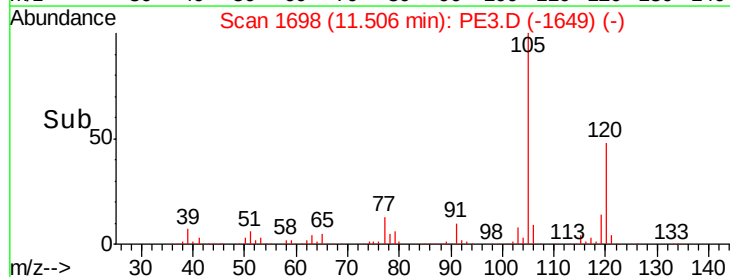
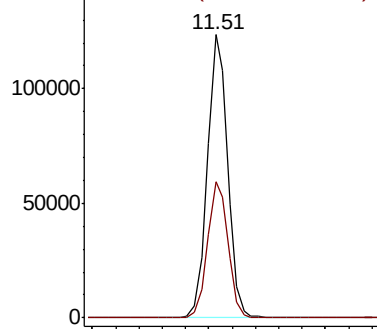
105 100

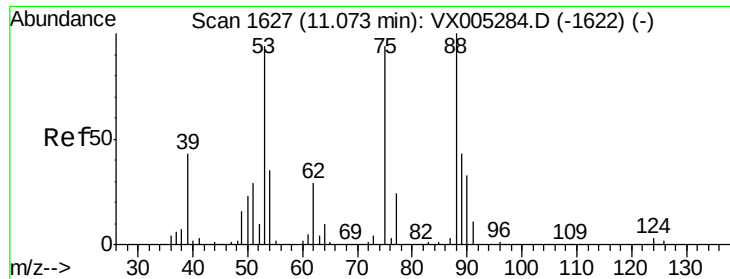
120 48.8 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): F

Ion 120.00 (119.70 to 120.70): F





#81

trans-1,4-Dichloro-2-butene

Concen: 0.687 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.05 min

Lab File: PE3.D

Acq: 19 Oct 2018 19:40

Instrument :

MSVOA_X

ClientSampled :

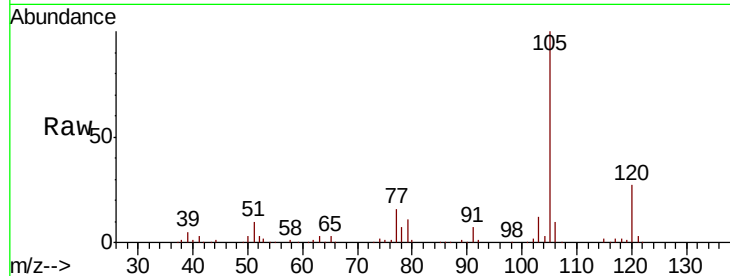
Tot Ion: 75 Resp: 774

Ion Ratio Lower Upper

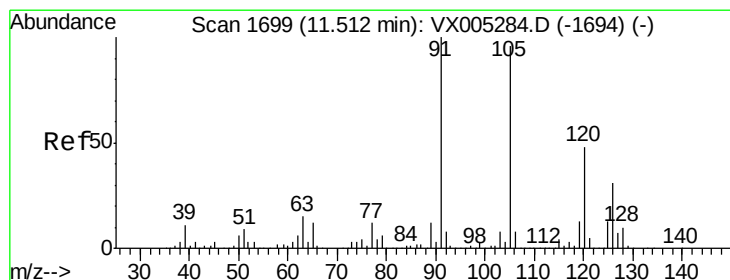
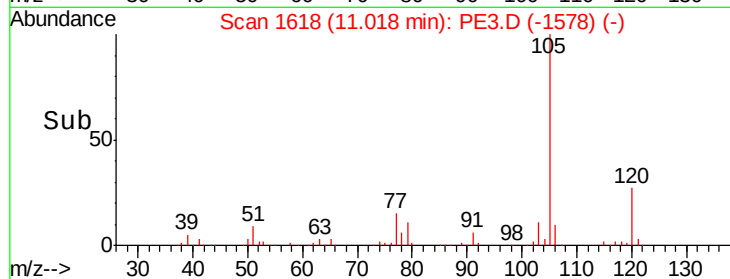
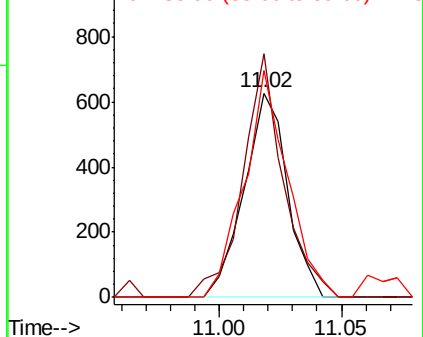
75 100

53 111.0 80.1 120.1

89 112.0 37.2 55.8#



Abundance Ion 74.90 (74.60 to 75.60): PE3
Ion 53.00 (52.70 to 53.70): PE3
Ion 88.90 (88.60 to 89.60): PE3



#82

4-Chlorotoluene

Concen: 1.855 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: PE3.D

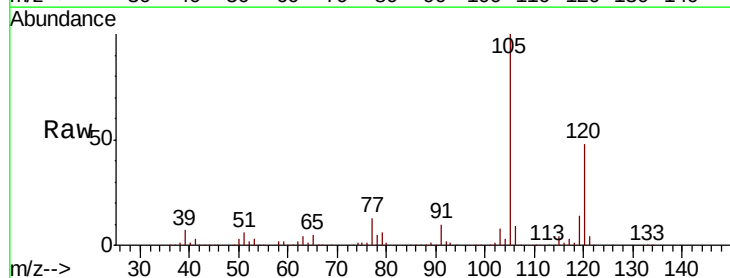
Acq: 19 Oct 2018 19:40

Tgt Ion: 91 Resp: 16250

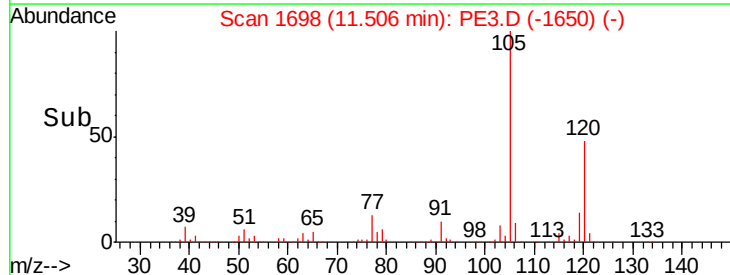
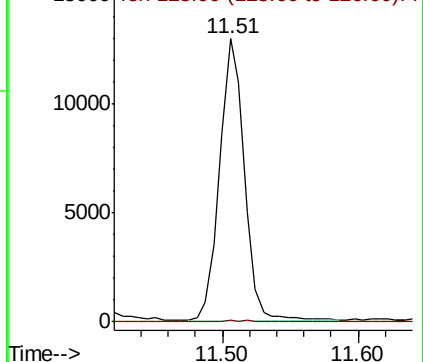
Ion Ratio Lower Upper

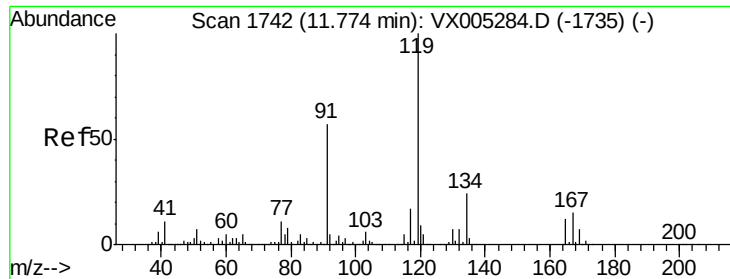
91 100

126 0.3 15.5 46.5#



Abundance Ion 91.00 (90.70 to 91.70): PE3
Ion 125.90 (125.60 to 126.60): F

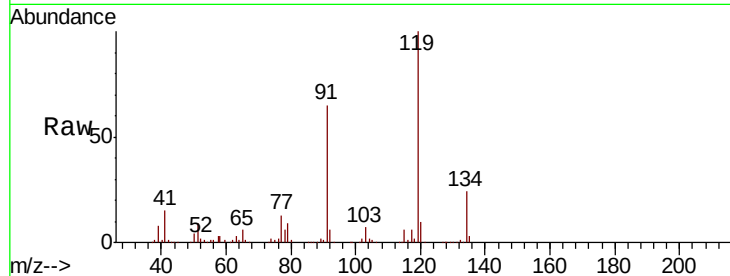




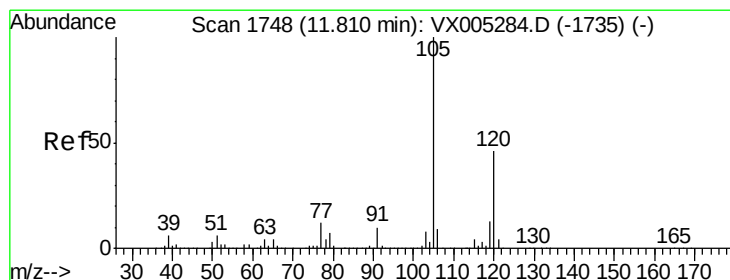
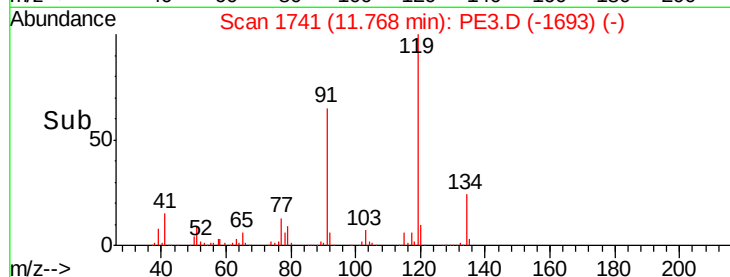
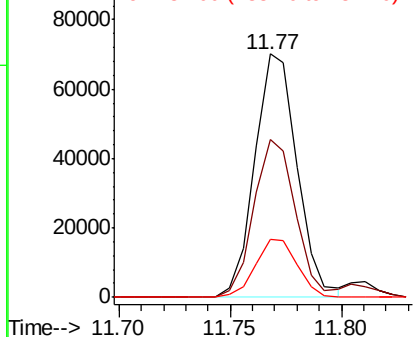
#83
 tert-Butylbenzene
 Concen: 10.225 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: PE3.D
 Acq: 19 Oct 2018 19:40

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.3	27.0	81.0
134	23.6	11.7	35.1

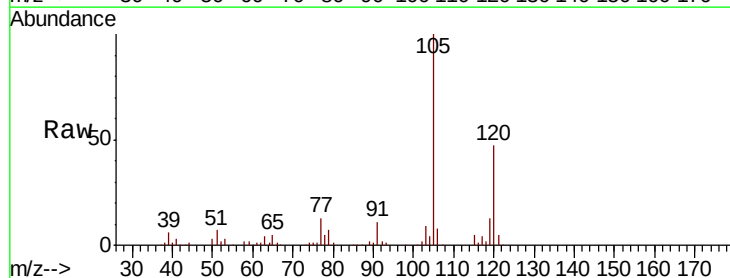


Abundance Ion 119.00 (118.70 to 119.70): F
 Ion 91.00 (90.70 to 91.70): PE3
 Ion 134.00 (133.70 to 134.70): F

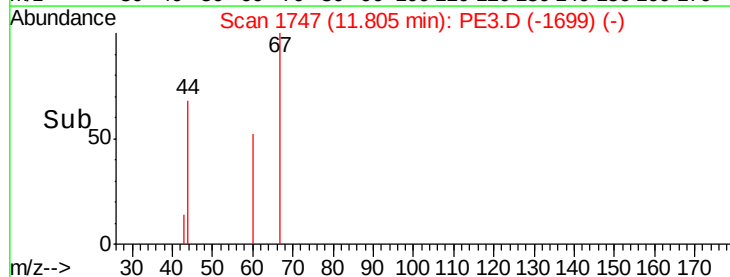
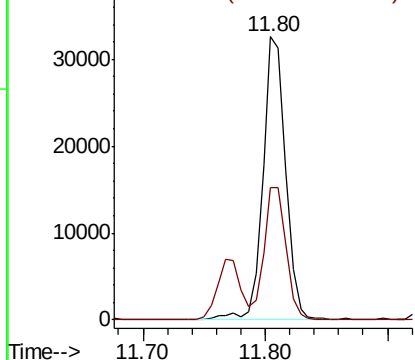


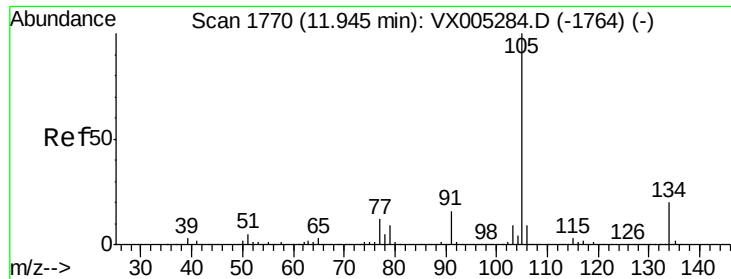
#84
 1,2,4-Trimethylbenzene
 Concen: 4.591 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: PE3.D
 Acq: 19 Oct 2018 19:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.2	69.6



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





#85

sec-Butylbenzene

Concen: 17.004 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: PE3.D

Acq: 19 Oct 2018 19:40

Instrument :

MSVOA_X

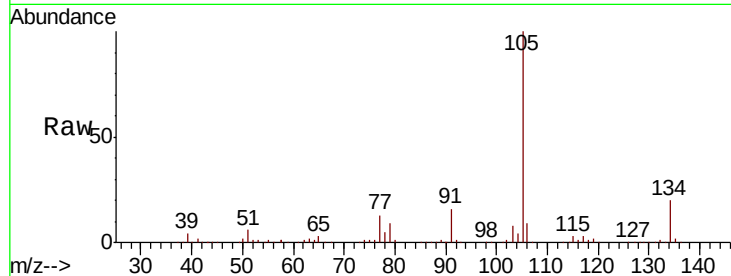
ClientSampleId :

Tot Ion:105 Resp: 182998

Ion Ratio Lower Upper

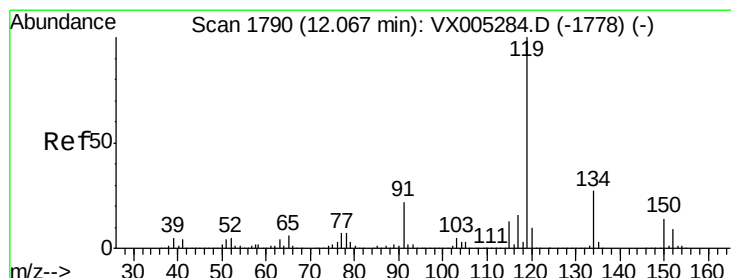
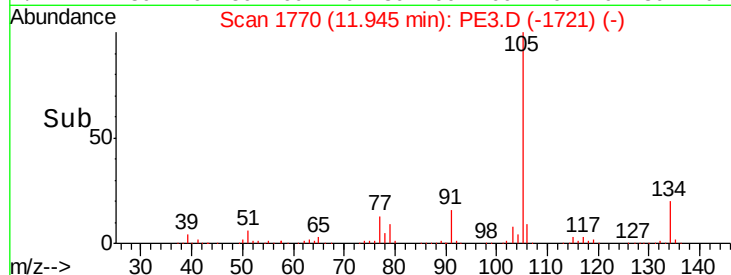
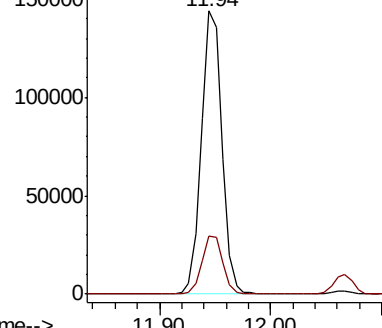
105 100

134 20.7 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: 4.545 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: PE3.D

Acq: 19 Oct 2018 19:40

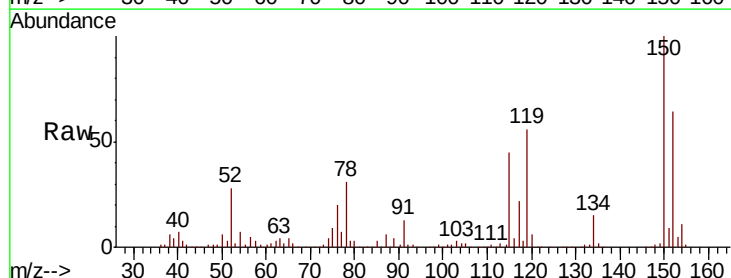
Tgt Ion:119 Resp: 44214

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.2

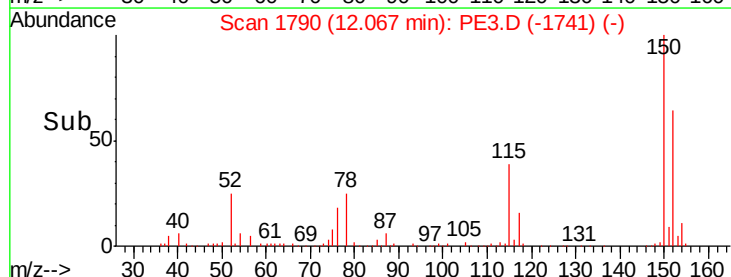
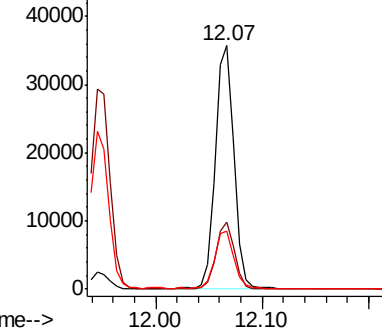
91 23.8 10.9 32.7

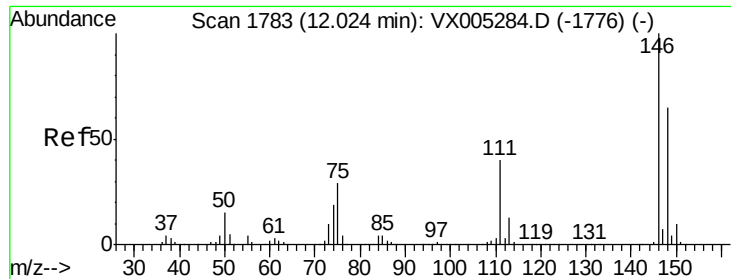


Abundance Ion 119.00 (118.70 to 119.70): F

Ion 134.00 (133.70 to 134.70): F

Ion 91.00 (90.70 to 91.70): PE3

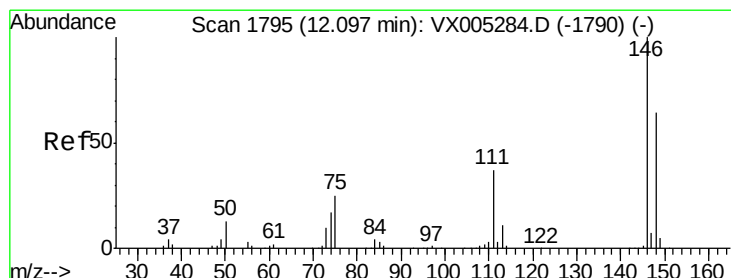
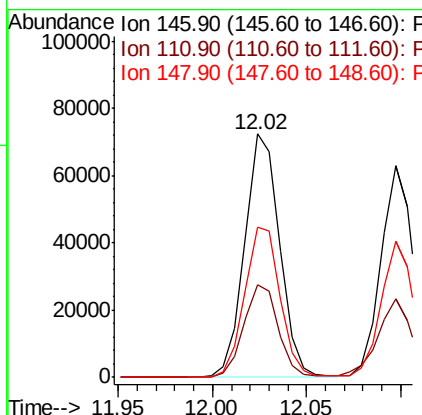
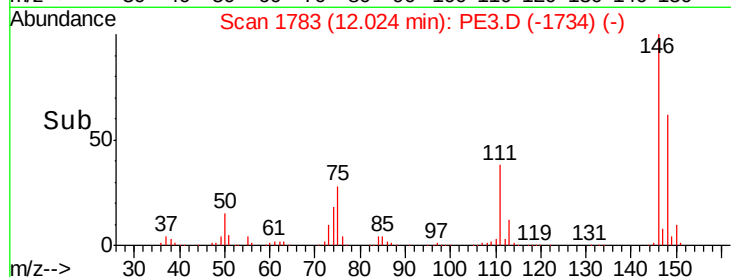
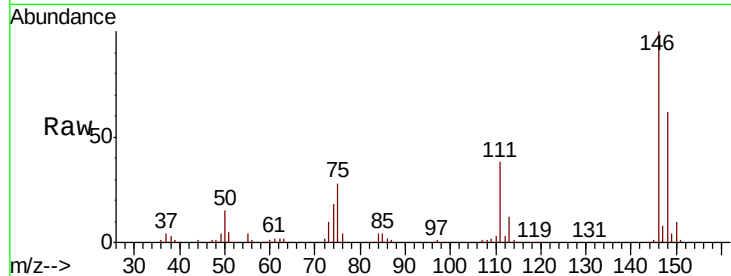




#87
 1,3-Dichlorobenzene
 Concen: 16.649 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: PE3.D
 Acq: 19 Oct 2018 19:40

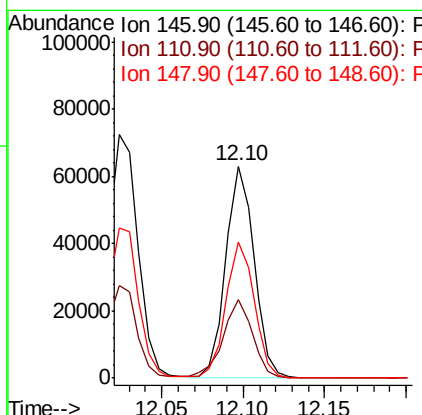
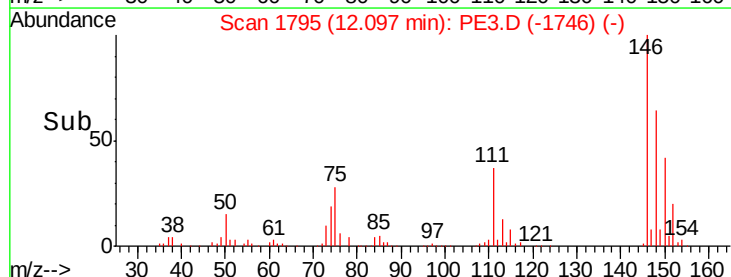
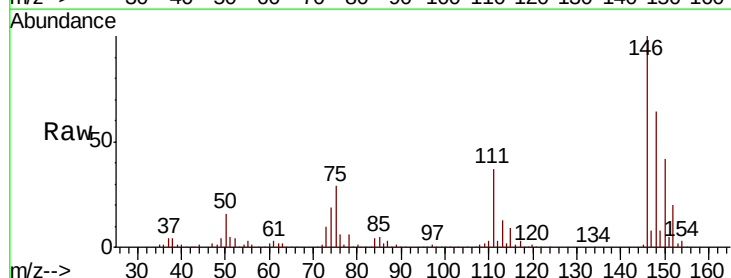
Instrument :
 MSVOA_X
 ClientSampled :

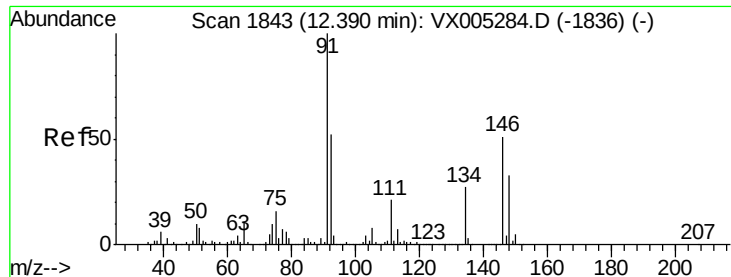
Tot Ion:146 Resp: 93282
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.7 56.1
 148 62.7 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 13.367 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: PE3.D
 Acq: 19 Oct 2018 19:40

Tgt Ion:146 Resp: 76617
 Ion Ratio Lower Upper
 146 100
 111 38.8 18.1 54.1
 148 64.4 32.0 96.0

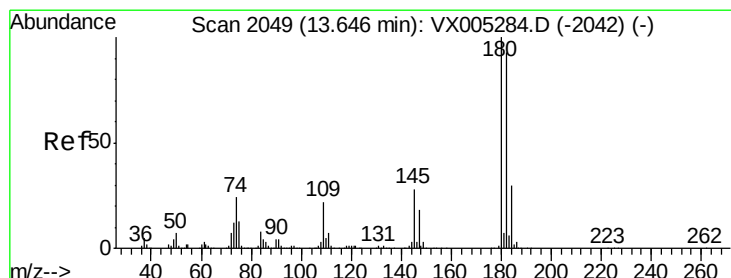
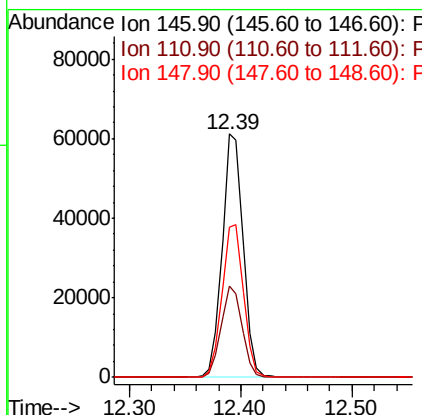
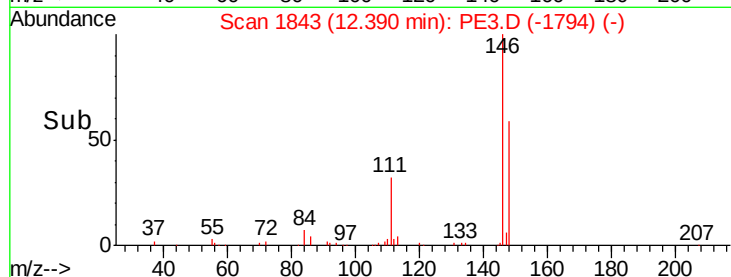
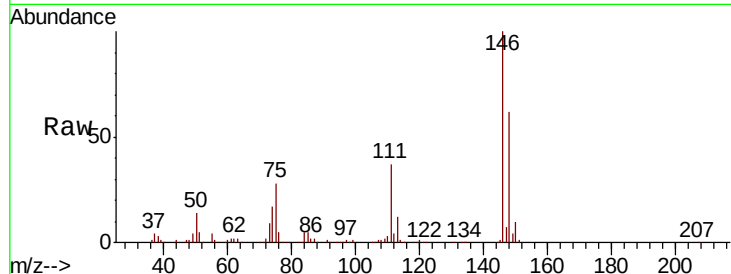




#91
 1,2-Dichlorobenzene
 Concen: 13.892 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: PE3.D
 Acq: 19 Oct 2018 19:40

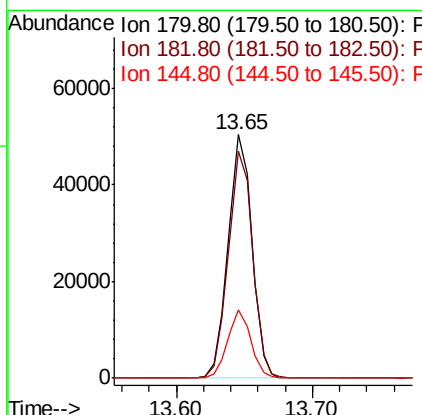
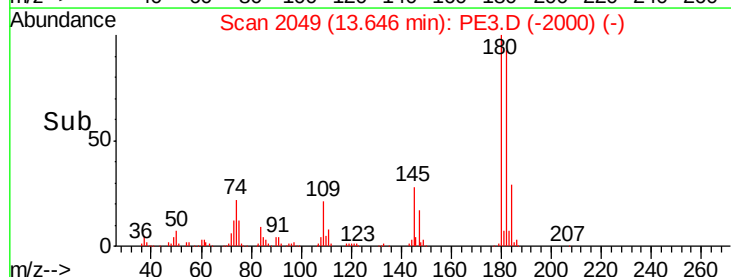
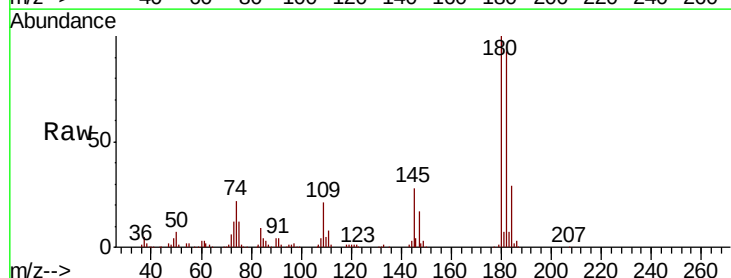
Instrument :
 MSVOA_X
 ClientSampleId :

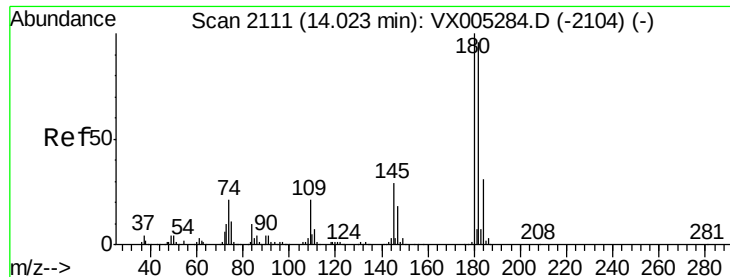
Tot Ion:146 Resp: 79429
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.4 58.1
 148 64.2 32.8 98.3



#93
 1,2,4-Trichlorobenzene
 Concen: 14.698 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: PE3.D
 Acq: 19 Oct 2018 19:40

Tgt Ion:180 Resp: 61657
 Ion Ratio Lower Upper
 180 100
 182 94.8 48.4 145.0
 145 27.0 14.3 42.9





#96
 1,2,3-Trichlorobenzene
 Concen: 14.322 ug/l
 RT: 14.02 min Scan# 2111
 Delta R.T. 0.00 min
 Lab File: PE3.D
 Acq: 19 Oct 2018 19:40

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.5	145.6
145	29.6	14.9	44.9

