

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX004978.D
 Acq On : 03 Oct 2018 19:20
 Operator : JC/MD
 Sample : PB113446ZHE#04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#04

Quant Time: Oct 04 01:26:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	270771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	440917	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	418366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	227487	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	191110	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
35) Dibromofluoromethane	5.51	113	163600	43.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.56%	
50) Toluene-d8	8.72	98	625140	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
62) 4-Bromofluorobenzene	11.14	95	229928	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	

Target Compounds

					Qvalue
6) Chloroethane	1.78	64	3157	Below Cal	# 50
11) Tert butyl alcohol	3.02	59	4129	3.818	ug/l # 76
16) Acetone	2.45	43	34218	15.153	ug/l 92
18) Methyl Acetate	2.78	43	13162	2.300	ug/l 93
20) Methylene Chloride	2.86	84	5888	0.970	ug/l 91
25) 2-Butanone	4.71	43	7054	2.119	ug/l 93
29) Tetrahydrofuran	5.17	42	2481	1.199	ug/l # 84
36) 1,1-Dichloropropene	5.67	75	18005	3.531	ug/l # 46
38) Carbon Tetrachloride	5.67	117	23612	4.406	ug/l # 18
43) Isopropyl Acetate	6.46	43	259229	26.538	ug/l 95
48) Methyl methacrylate	7.69	41	10550	2.380	ug/l # 22
49) 1,4-Dioxane	7.88	88	48	0.436	ug/l # 1
51) 4-Methyl-2-Pentanone	8.62	43	3359	0.546	ug/l # 56
52) Toluene	8.79	92	8988	1.025	ug/l 100
54) cis-1,3-Dichloropropene	8.62	75	1750	0.321	ug/l # 61
56) Ethyl methacrylate	9.12	69	154	2.885	ug/l # 32
57) 1,3-Dichloropropane	9.55	76	1320	0.206	ug/l # 47
58) 2-Chloroethyl Vinyl ether	8.40	63	20	14.248	ug/l # 49
59) 2-Hexanone	9.55	43	16794	3.277	ug/l # 55
67) Ethyl Benzene	10.25	91	10200	0.599	ug/l 100
68) m/p-Xylenes	10.36	106	20945	3.147	ug/l 96
69) o-Xylene	10.70	106	7201	1.178	ug/l 98
70) Styrene	10.71	104	825	2.210	ug/l # 1
74) N-ethyl acetate	10.92	43	276	1.782	ug/l # 39
76) 1,2,3-Trichloropropane	11.14	75	109917	21.557	ug/l # 35
78) n-propylbenzene	11.36	91	6954	0.423	ug/l 98
79) 2-Chlorotoluene	11.44	91	3922	0.382	ug/l # 39
80) 1,3,5-Trimethylbenzene	11.51	105	12742	0.775	ug/l 98
81) trans-1,4-Dichloro-2-buten	11.14	75	109917	58.446	ug/l # 10
83) tert-Butylbenzene	11.81	119	5413	0.459	ug/l # 67
84) 1,2,4-Trimethylbenzene	11.81	105	37880	2.607	ug/l 99
85) sec-Butylbenzene	11.81	105	37880	2.634	ug/l # 56
89) n-Butylbenzene	12.38	91	3441	0.291	ug/l # 42
90) Hexachloroethane	12.59	117	476	0.219	ug/l # 1

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QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

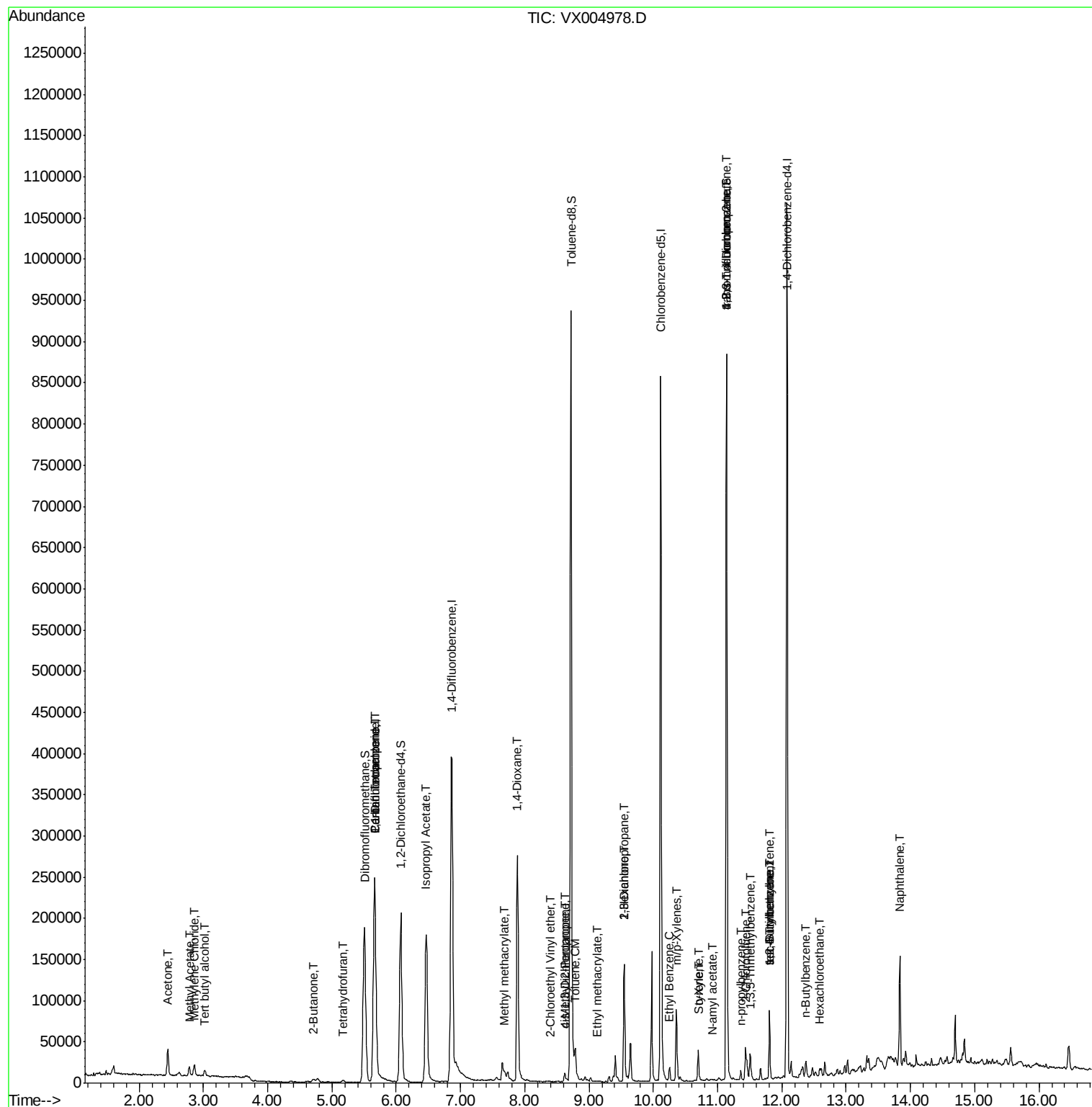
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	81072	4.942	ug/l	99

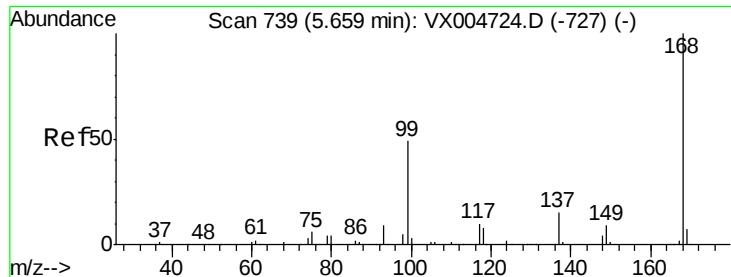
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004978.D

Acq: 03 Oct 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

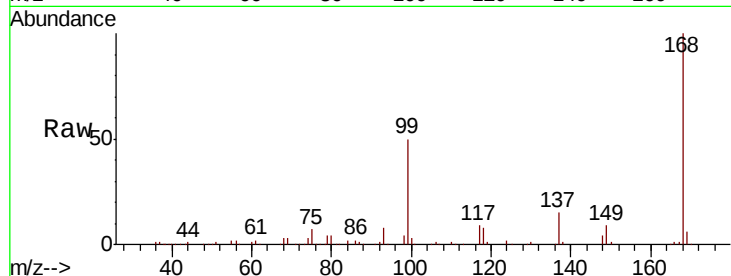
PB113446ZHE#04

Tot Ion:168 Resp: 270771

Ion Ratio Lower Upper

168 100

99 49.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

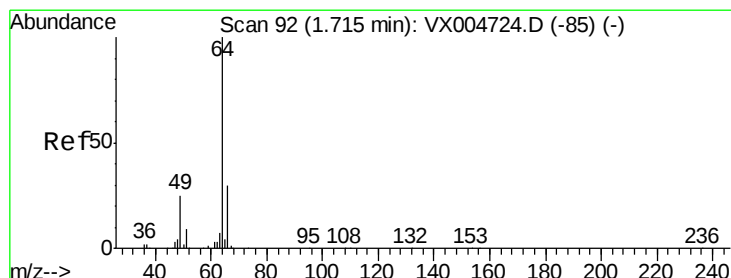
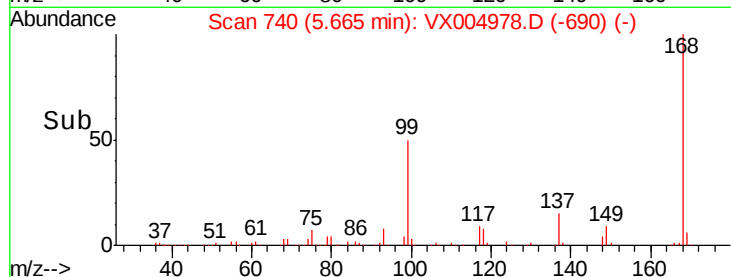
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: Below Cal

RT: 1.78 min Scan# 102

Delta R.T. 0.06 min

Lab File: VX004978.D

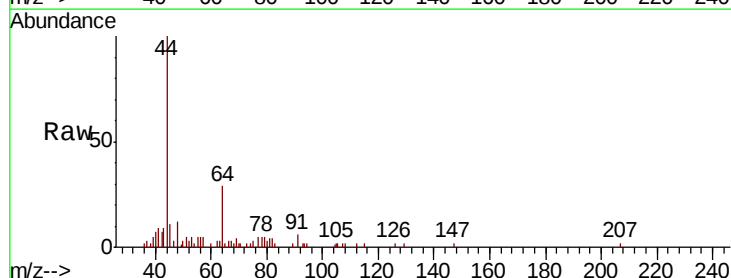
Acq: 03 Oct 2018 19:20

Tgt Ion: 64 Resp: 3157

Ion Ratio Lower Upper

64 100

66 2.7 23.8 35.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.78

1200

1000

800

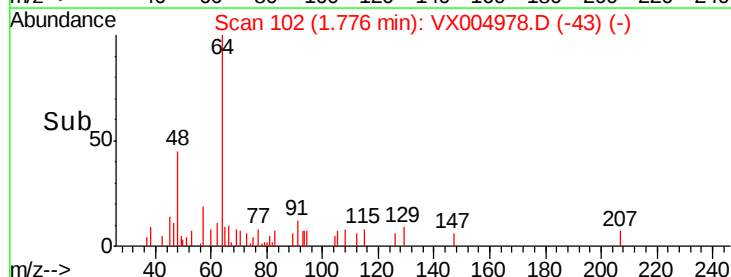
600

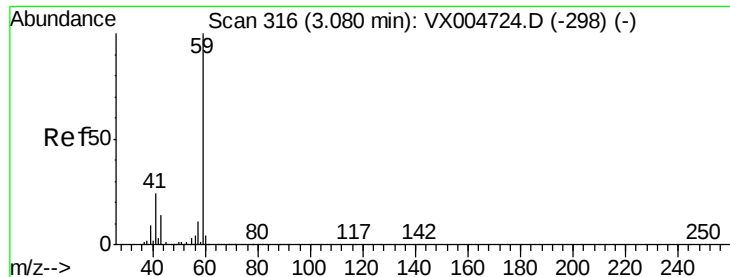
400

200

0

Time--> 1.60 1.65 1.70 1.75 1.80

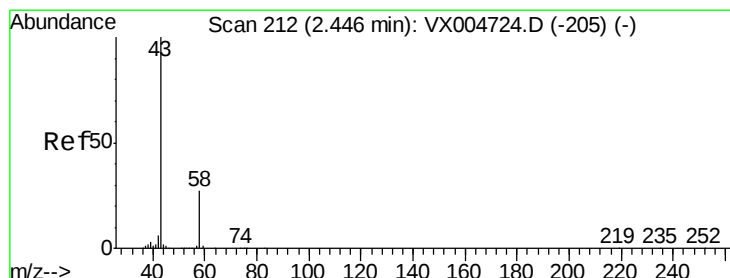
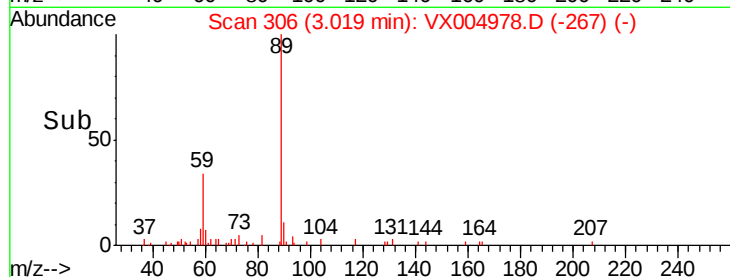
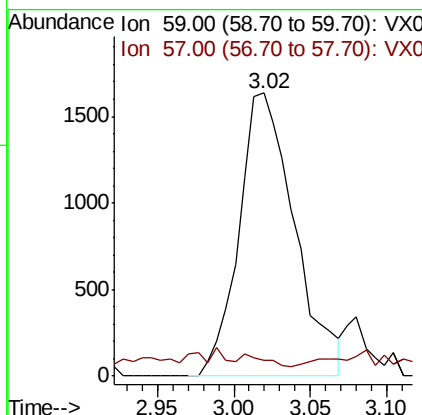
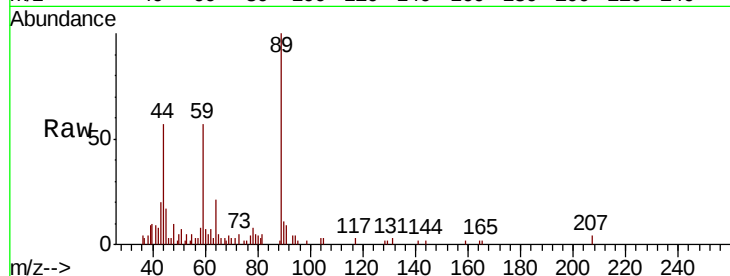




#11
Tert butyl alcohol
Concen: 3.818 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX004978.D
Acq: 03 Oct 2018 19:20

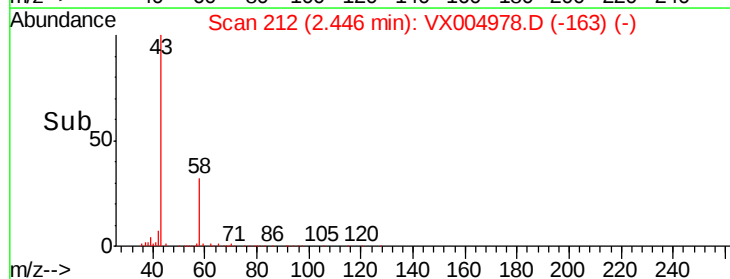
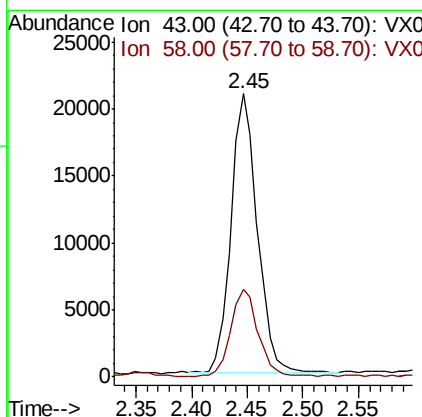
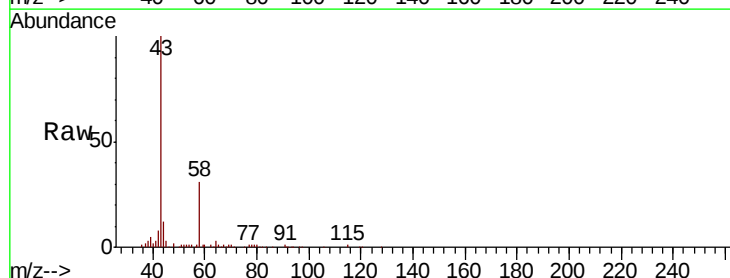
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#04

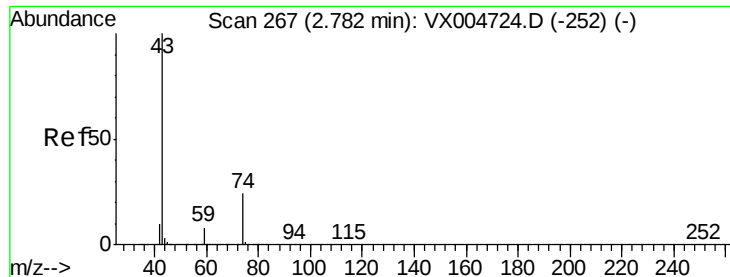
Tot Ion: 59 Resp: 4129
Ion Ratio Lower Upper
59 100
57 1.8 8.6 12.8#



#16
Acetone
Concen: 15.153 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX004978.D
Acq: 03 Oct 2018 19:20

Tgt Ion: 43 Resp: 34218
Ion Ratio Lower Upper
43 100
58 31.2 21.8 32.6

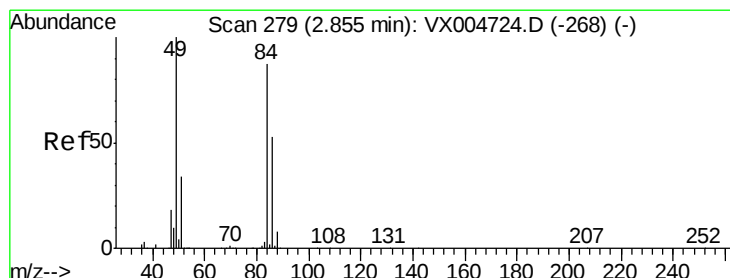
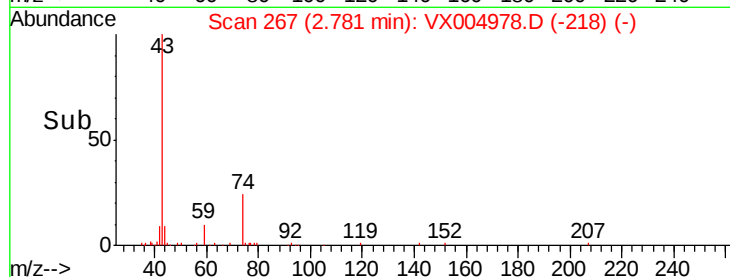
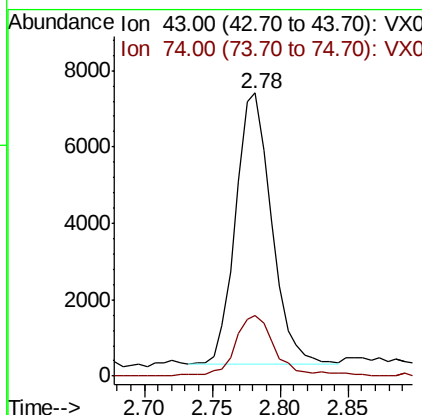
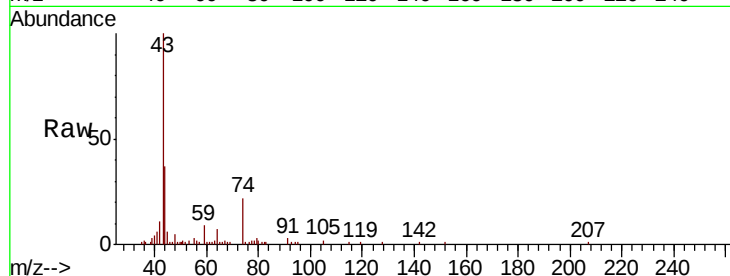




#18
Methvl Acetate
Concen: 2.300 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX004978.D
Acq: 03 Oct 2018 19:20

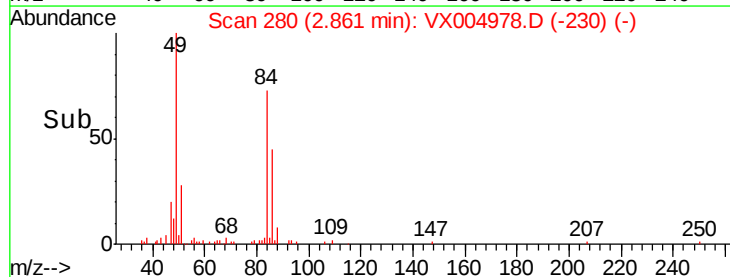
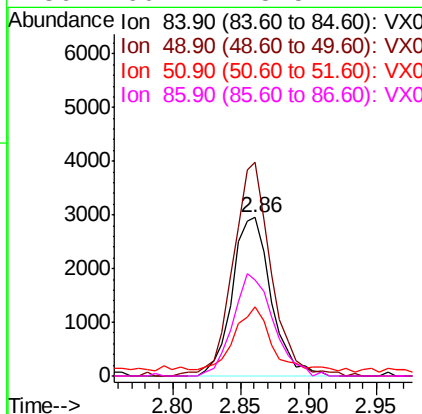
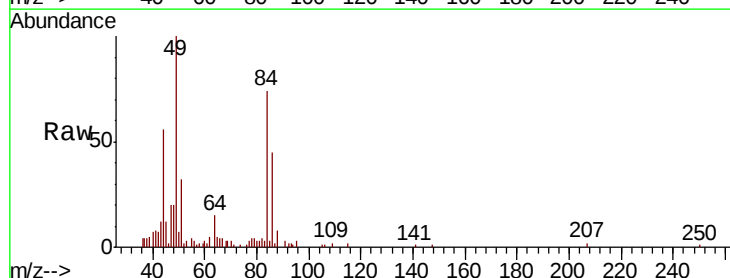
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#04

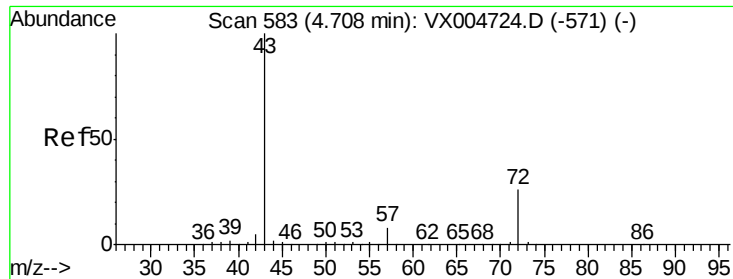
Tot Ion: 43 Resp: 13162
Ion Ratio Lower Upper
43 100
74 25.5 17.8 26.8



#20
Methylene Chloride
Concen: 0.970 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004978.D
Acq: 03 Oct 2018 19:20

Tgt Ion: 84 Resp: 5888
Ion Ratio Lower Upper
84 100
49 132.3 92.3 138.5
51 40.3 31.8 47.6
86 60.4 48.5 72.7

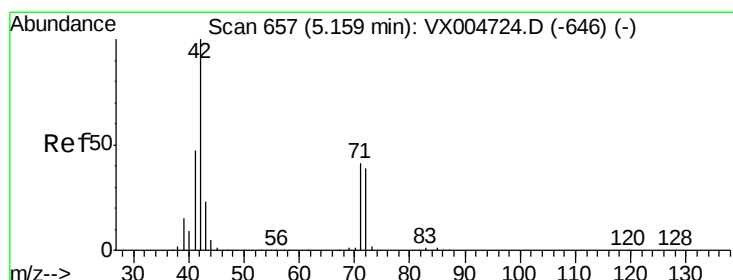
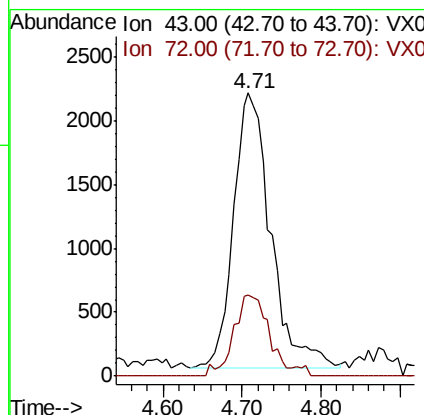
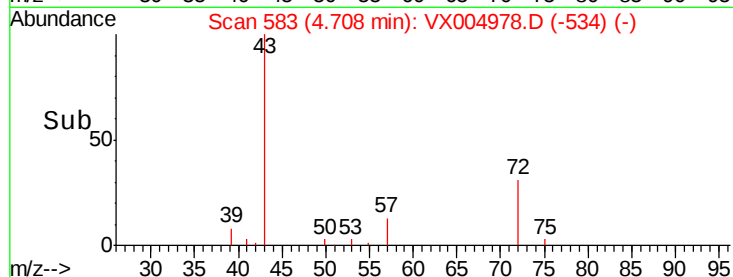
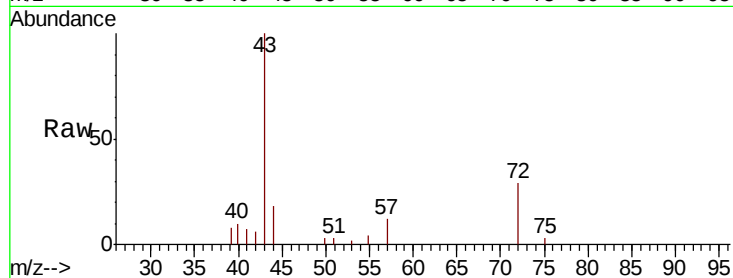




#25
 2-Butanone
 Concen: 2.119 ug/l
 RT: 4.71 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: VX004978.D
 Acq: 03 Oct 2018 19:20

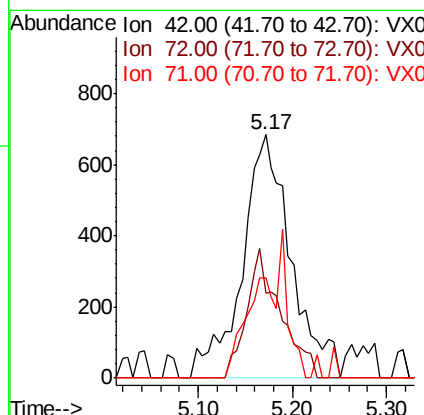
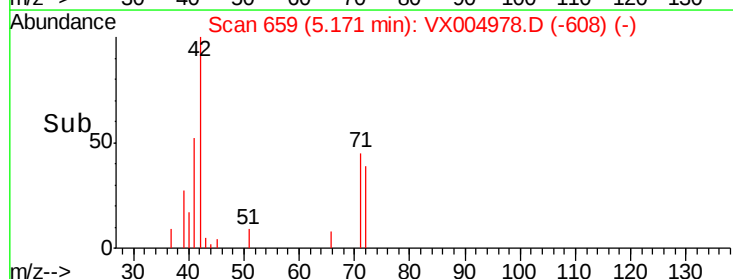
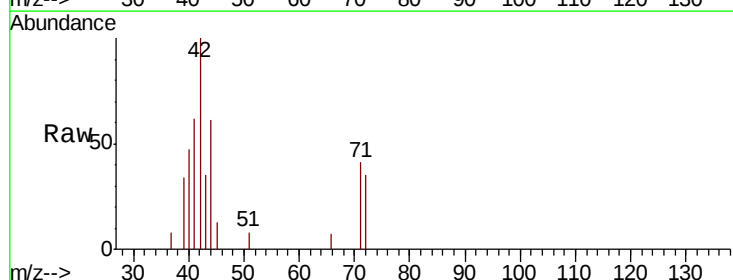
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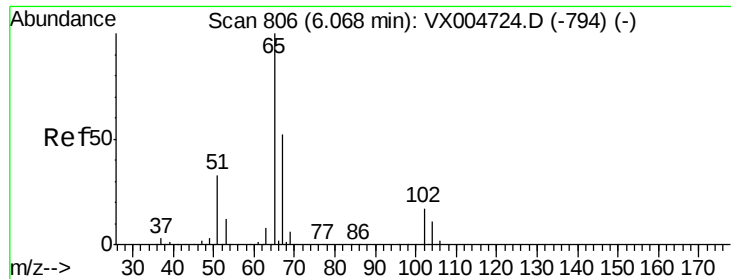
Tot Ion: 43 Resp: 7054
 Ion Ratio Lower Upper
 43 100
 72 29.5 20.8 31.2



#29
 Tetrahydrofuran
 Concen: 1.199 ug/l
 RT: 5.17 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX004978.D
 Acq: 03 Oct 2018 19:20

Tgt Ion: 42 Resp: 2481
 Ion Ratio Lower Upper
 42 100
 72 36.7 33.7 50.5
 71 25.4 32.2 48.4#





#33

1,2-Dichloroethane-d4

Concen: 49.408 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004978.D

Acq: 03 Oct 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

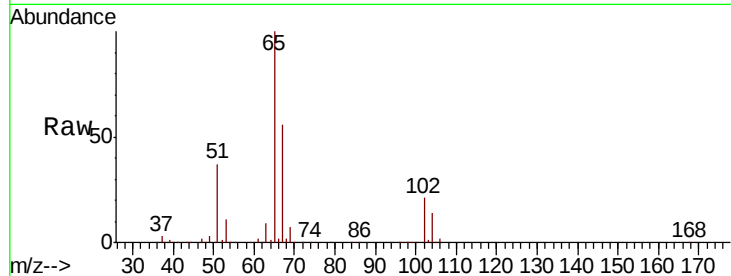
PB113446ZHE#04

Tot Ion: 65 Resp: 191110

Ion Ratio Lower Upper

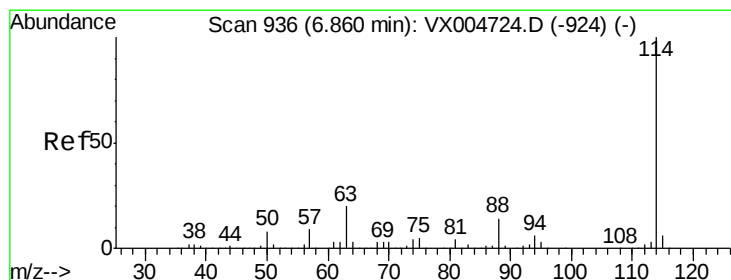
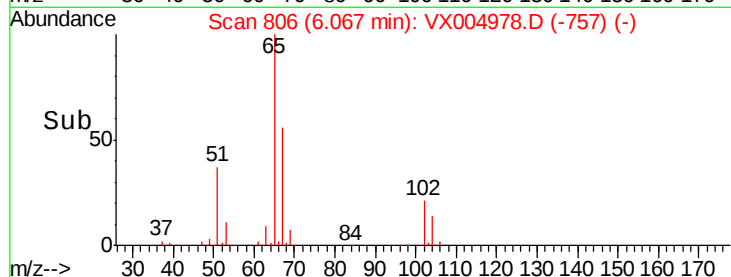
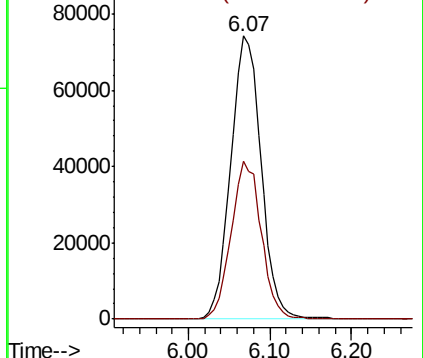
65 100

67 55.1 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX004978.D

Acq: 03 Oct 2018 19:20

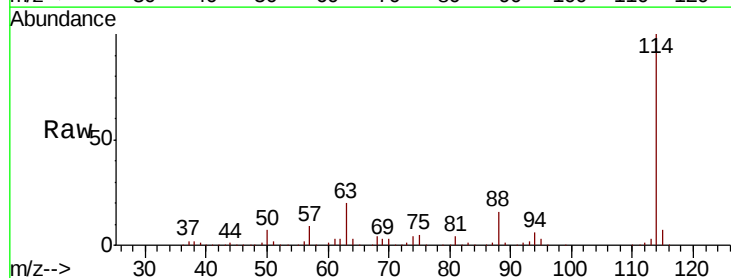
Tgt Ion: 114 Resp: 440917

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.8

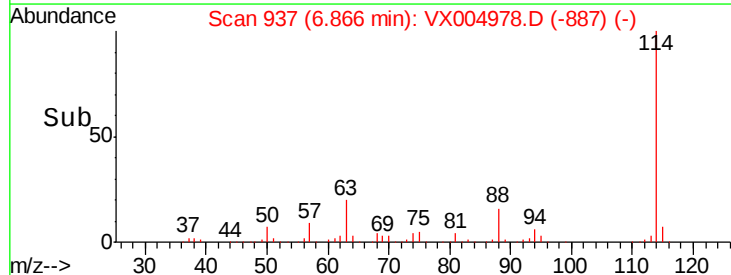
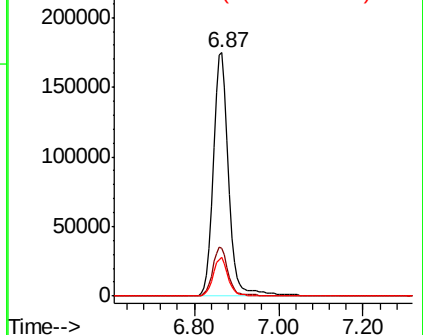
88 15.7 0.0 27.0

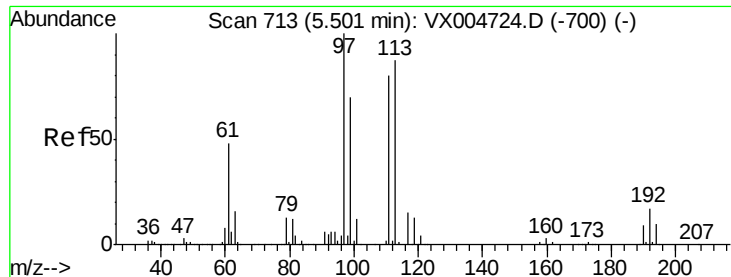


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

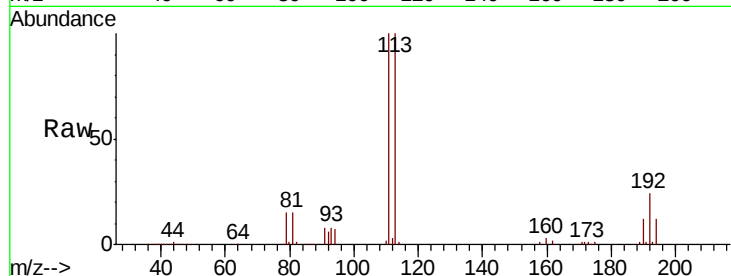




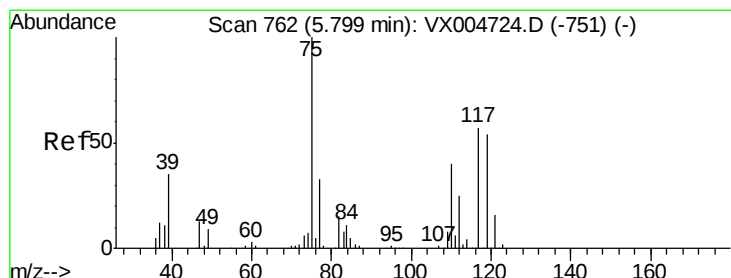
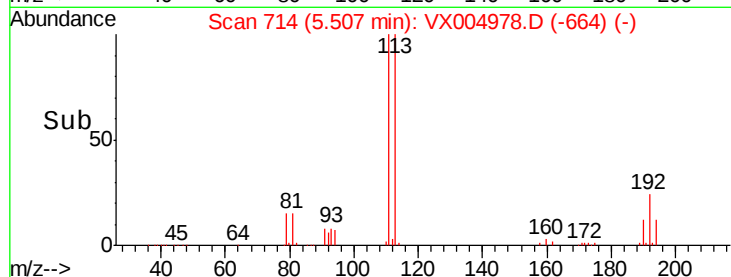
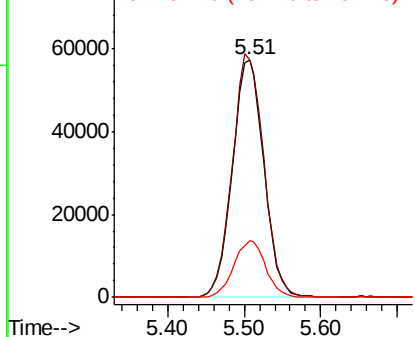
#35
 Dibromofluoromethane
 Concen: 43.780 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004978.D
 Acq: 03 Oct 2018 19:20

Instrument :
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 PB113446ZHE#04

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	77.0	115.4
192	24.0	17.0	25.6

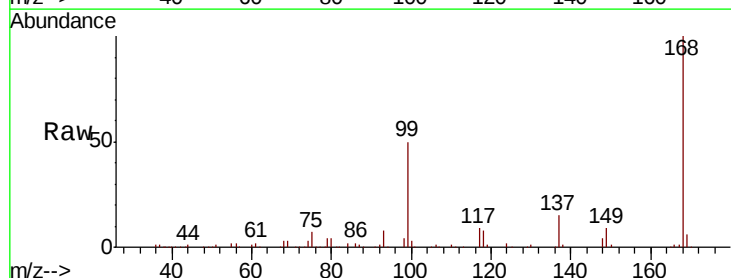


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

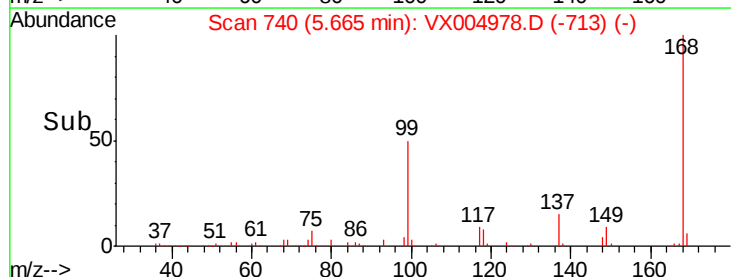
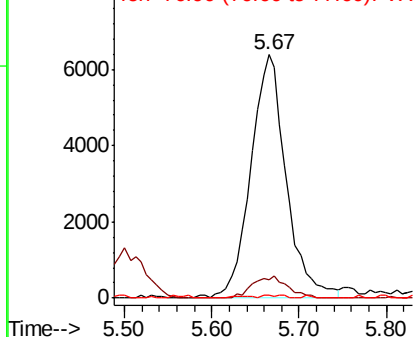


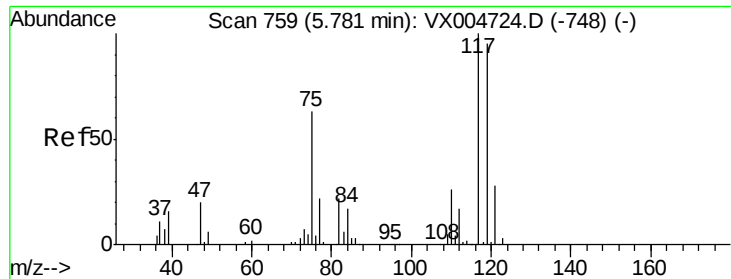
#36
 1,1-Dichloropropene
 Concen: 3.531 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX004978.D
 Acq: 03 Oct 2018 19:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.8	20.0	59.9#
77	0.7	27.1	40.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 4.406 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX004978.D

Acq: 03 Oct 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#04

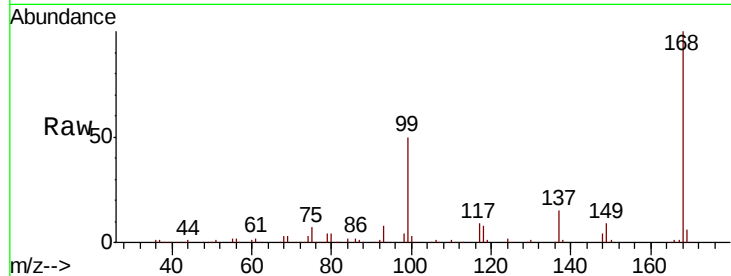
Tot Ion:117 Resp: 23612

Ion Ratio Lower Upper

117 100

119 6.4 75.2 112.8#

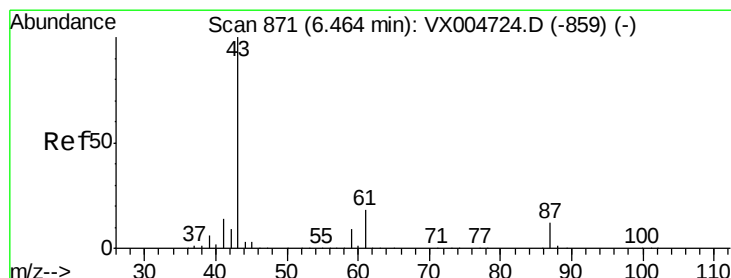
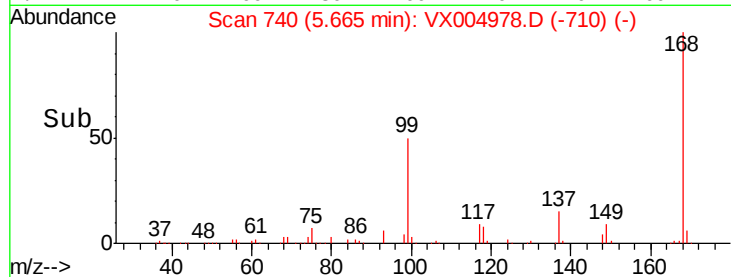
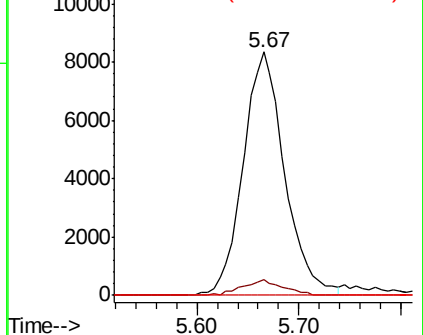
121 0.0 22.5 33.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 26.538 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004978.D

Acq: 03 Oct 2018 19:20

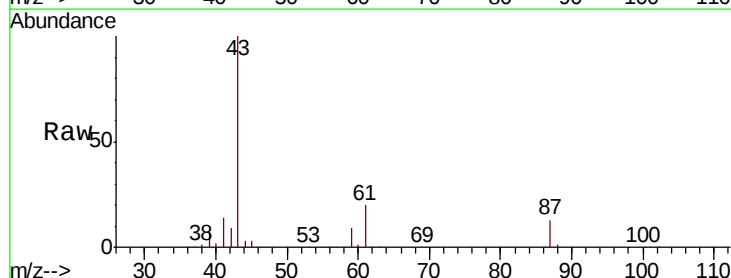
Tgt Ion: 43 Resp: 259229

Ion Ratio Lower Upper

43 100

61 20.2 14.2 21.4

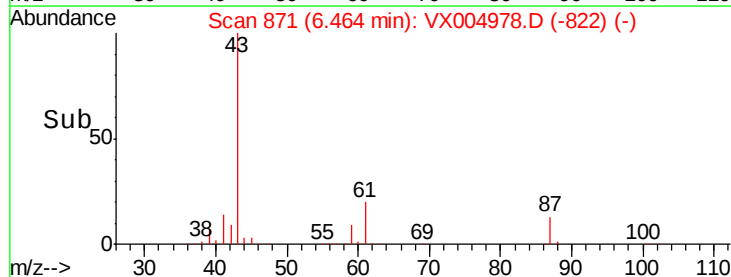
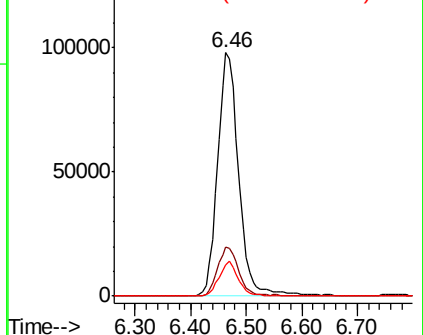
87 12.8 9.3 13.9

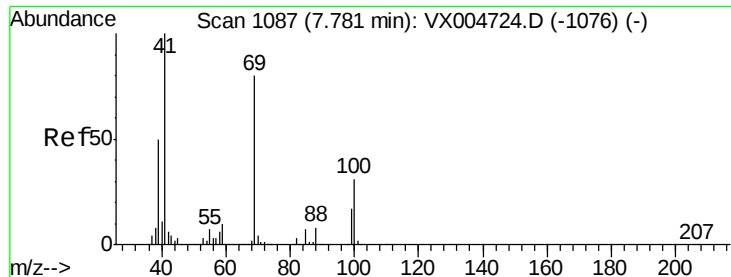


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

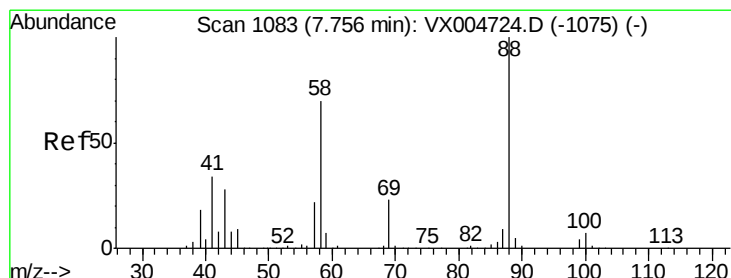
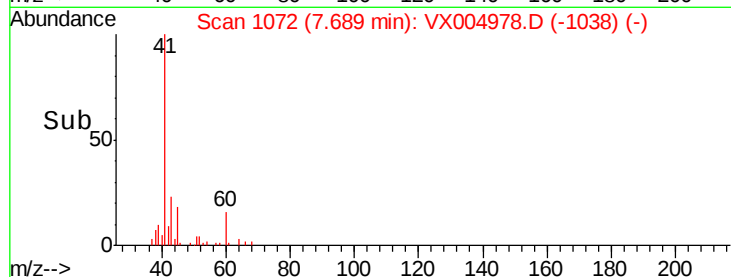
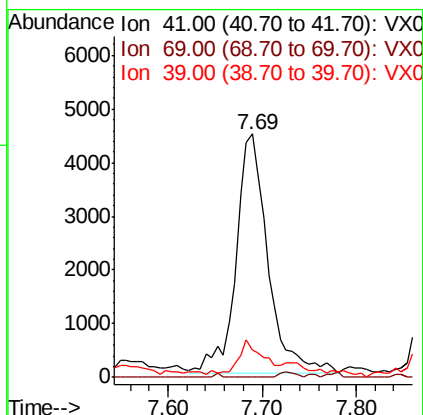
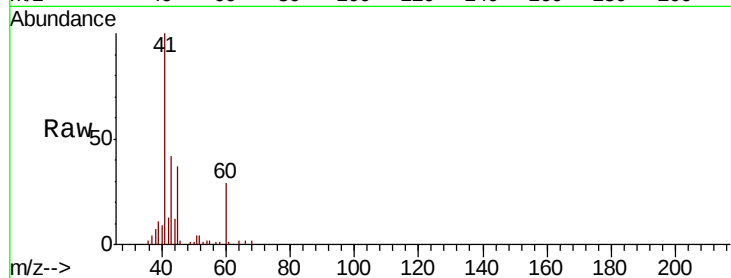




#48
Methyl methacrylate
Concen: 2.380 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.09 min
Lab File: VX004978.D
Acq: 03 Oct 2018 19:20

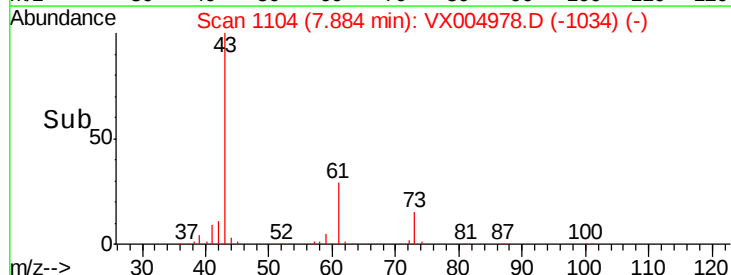
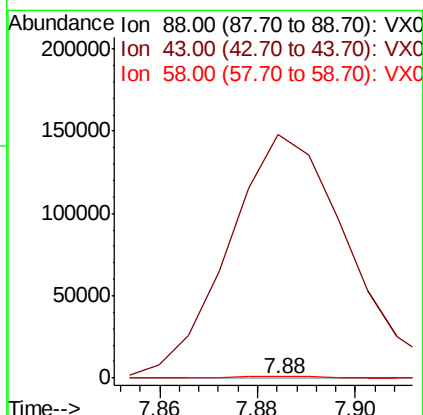
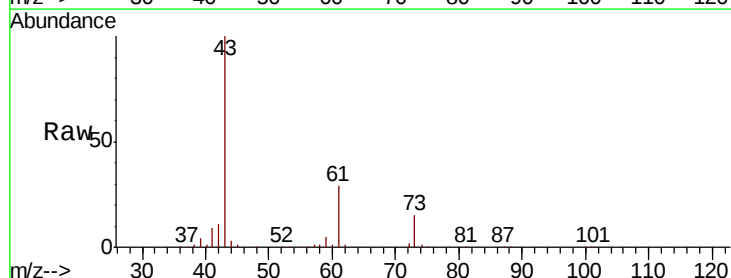
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#04

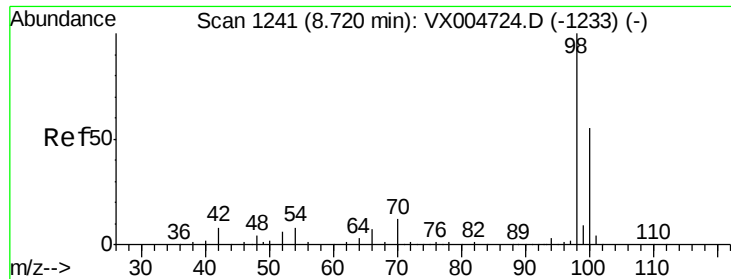
Tot Ion: 41 Resp: 10550
Ion Ratio Lower Upper
41 100
69 0.0 63.8 95.6#
39 10.6 40.7 61.1#



#49
1,4-Dioxane
Concen: 0.436 ug/l
RT: 7.88 min Scan# 1104
Delta R.T. 0.13 min
Lab File: VX004978.D
Acq: 03 Oct 2018 19:20

Tgt Ion: 88 Resp: 48
Ion Ratio Lower Upper
88 100
43 546375.0 25.1 37.7#
58 3262.5 56.2 84.2#





#50

Toluene-d8

Concen: 50.321 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX004978.D

Acq: 03 Oct 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

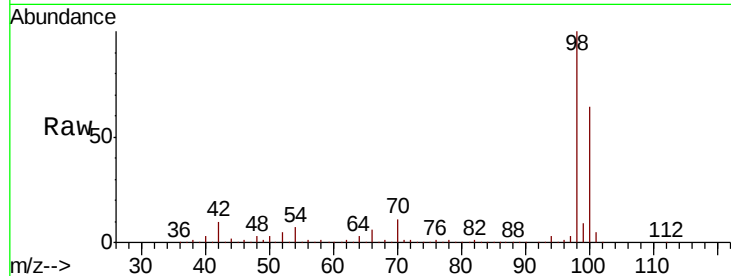
PB113446ZHE#04

Tot Ion: 98 Resp: 625140

Ion Ratio Lower Upper

98 100

100 64.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

400000

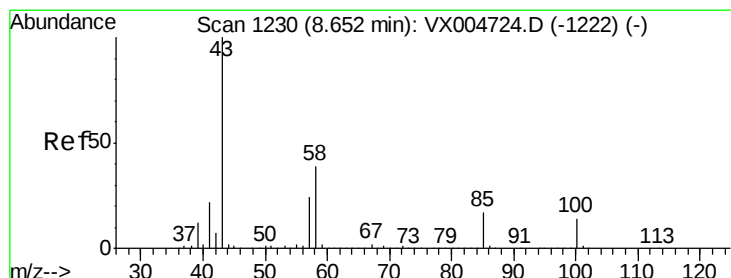
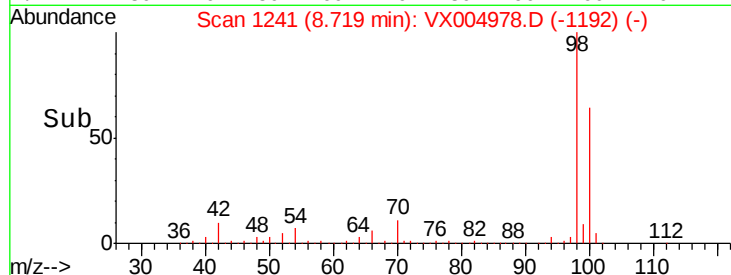
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.546 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. -0.03 min

Lab File: VX004978.D

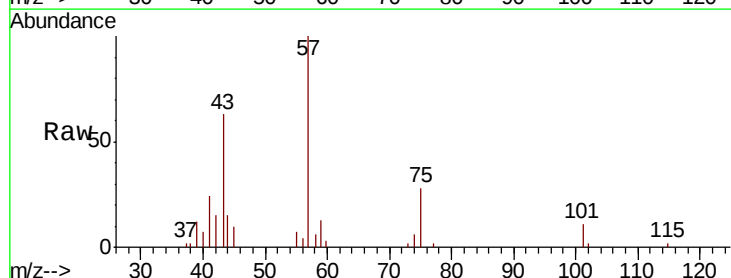
Acq: 03 Oct 2018 19:20

Tgt Ion: 43 Resp: 3359

Ion Ratio Lower Upper

43 100

58 11.6 30.5 45.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

2500

2000

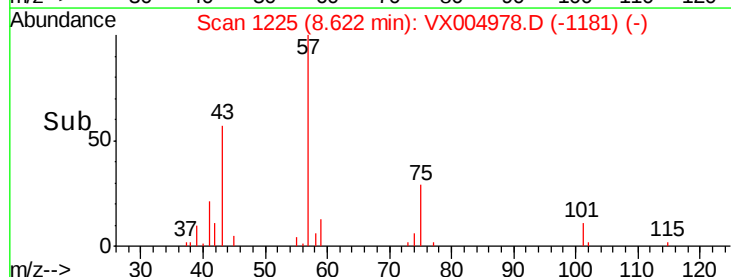
1500

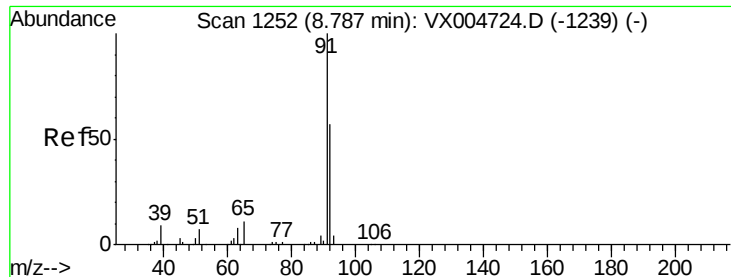
1000

500

0

Time-->





#52

Toluene

Concen: 1.025 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004978.D

Acq: 03 Oct 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

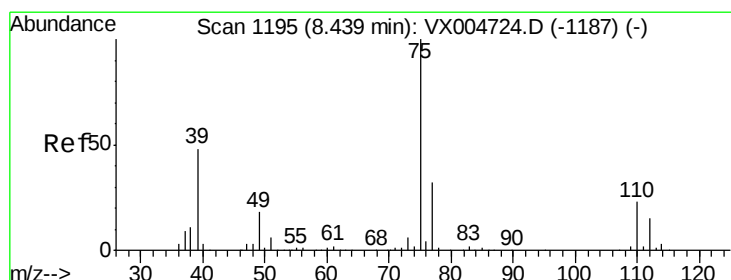
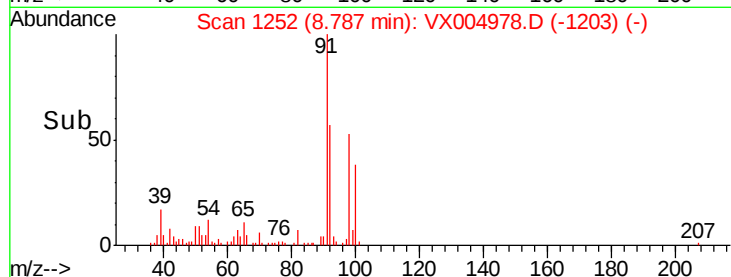
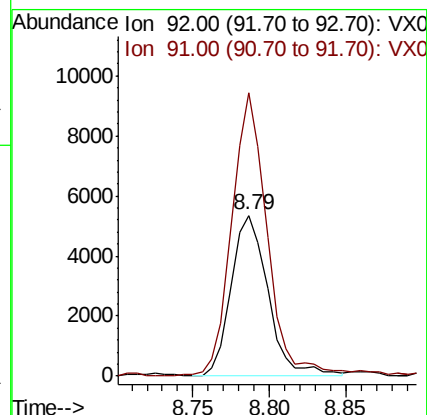
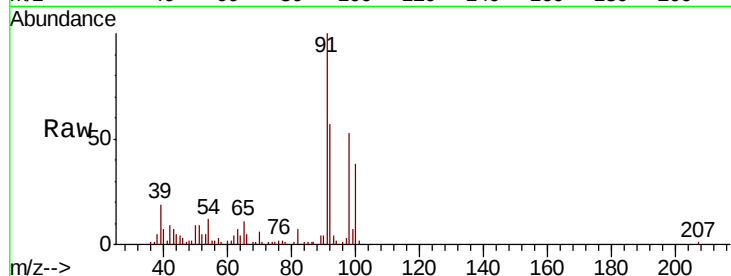
PB113446ZHE#04

Tot Ion: 92 Resp: 8988

Ion Ratio Lower Upper

92 100

91 171.3 136.7 205.1



#54

cis-1,3-Dichloropropene

Concen: 0.321 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. 0.18 min

Lab File: VX004978.D

Acq: 03 Oct 2018 19:20

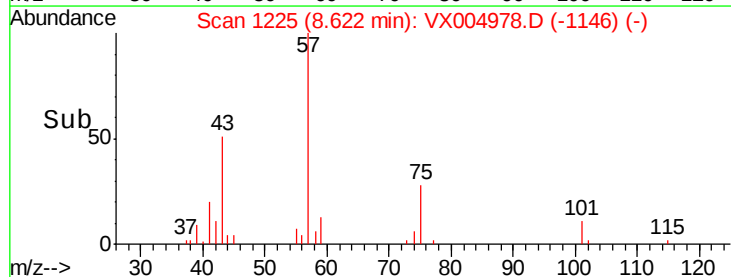
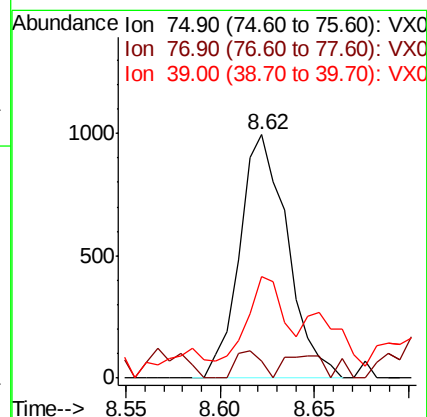
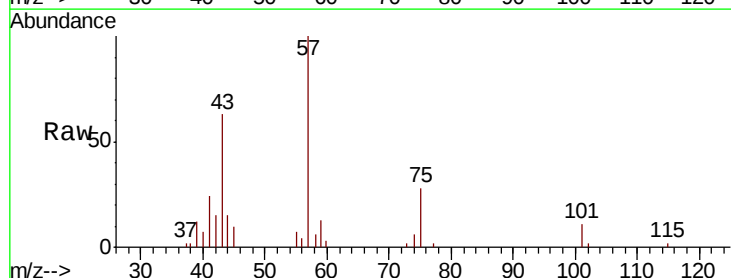
Tgt Ion: 75 Resp: 1750

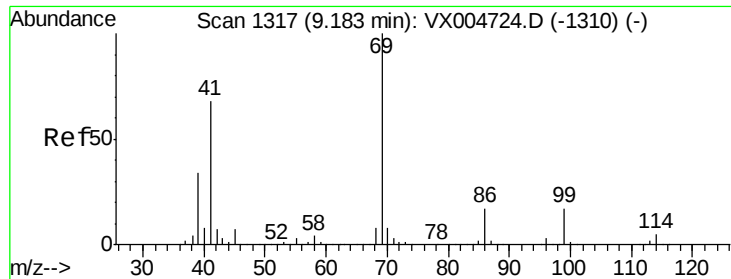
Ion Ratio Lower Upper

75 100

77 1.6 25.7 38.5#

39 29.2 38.3 57.5#





#56

Ethyl methacrylate

Concen: 2.885 ug/l

RT: 9.12 min Scan# 1307

Delta R.T. -0.06 min

Lab File: VX004978.D

Acq: 03 Oct 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#04

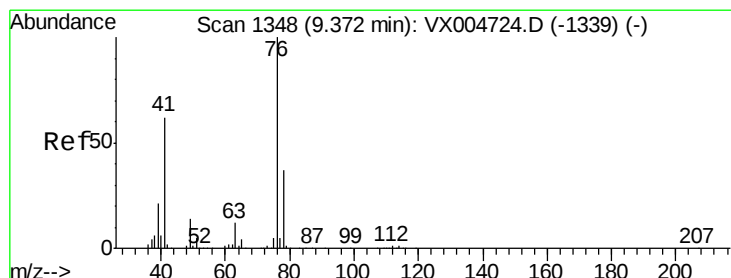
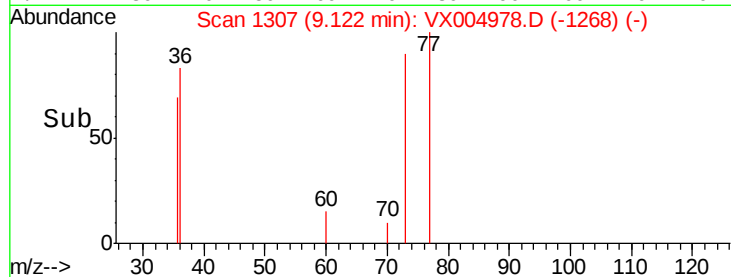
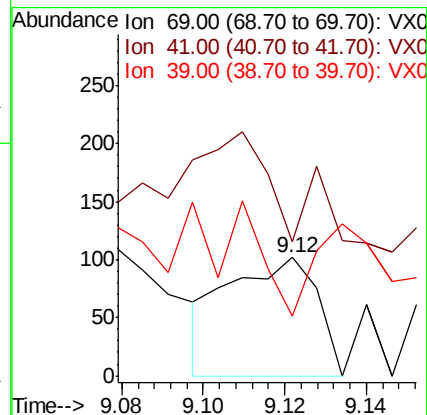
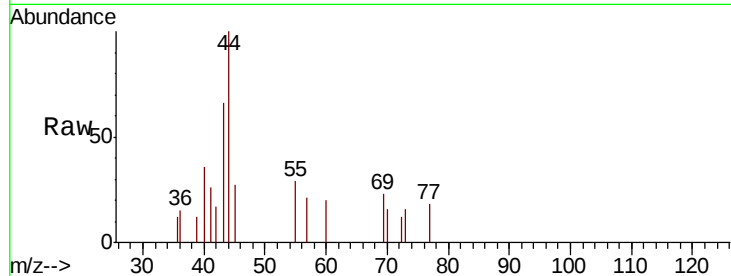
Tot Ion: 69 Resp: 154

Ion Ratio Lower Upper

69 100

41 0.0 56.9 85.3#

39 54.5 28.4 42.6#



#57

1,3-Dichloropropane

Concen: 0.206 ug/l

RT: 9.55 min Scan# 1377

Delta R.T. 0.18 min

Lab File: VX004978.D

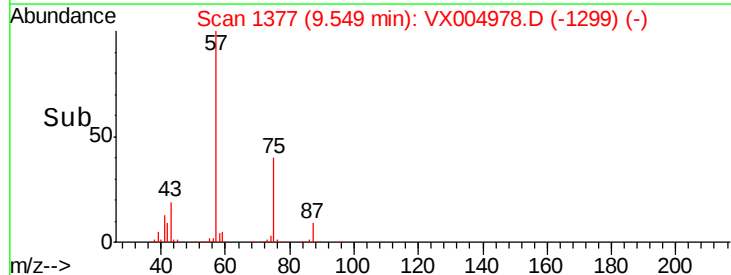
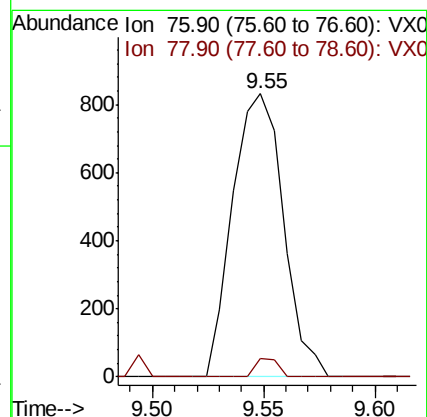
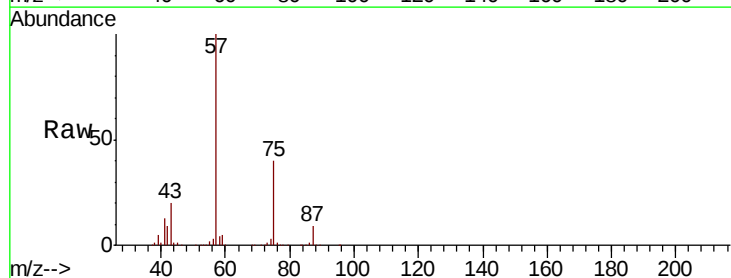
Acq: 03 Oct 2018 19:20

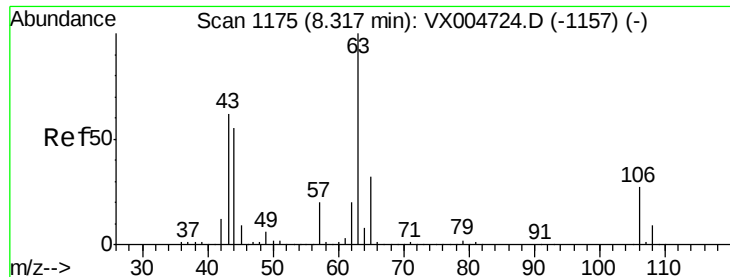
Tgt Ion: 76 Resp: 1320

Ion Ratio Lower Upper

76 100

78 3.0 26.6 40.0#

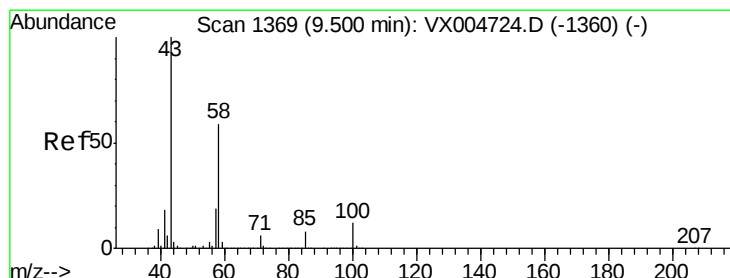
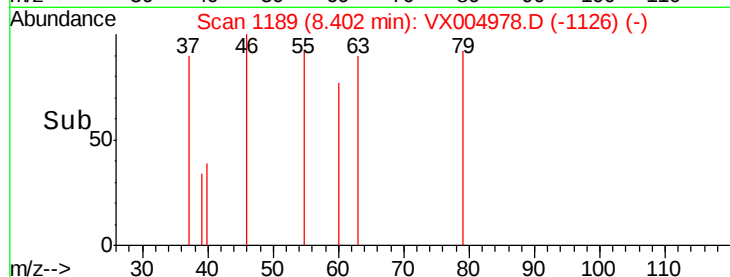
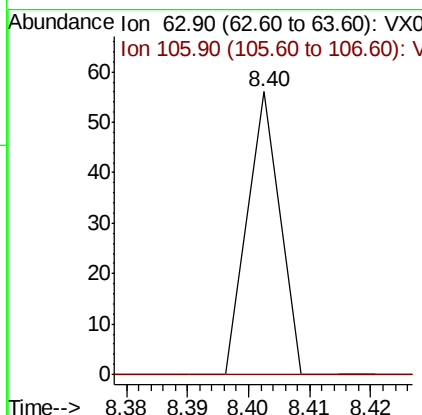
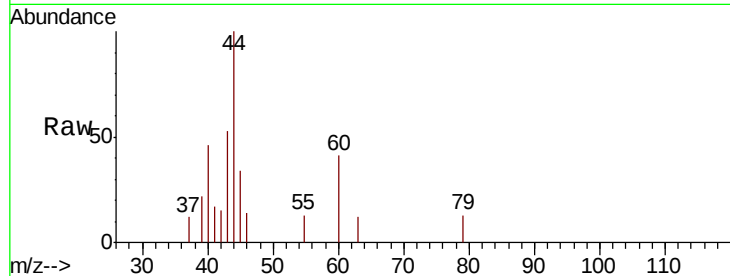




#58
2-Chloroethyl Vinyl ether
Concen: 14.248 ug/l
RT: 8.40 min Scan# 1189
Delta R.T. 0.09 min
Lab File: VX004978.D
Acq: 03 Oct 2018 19:20

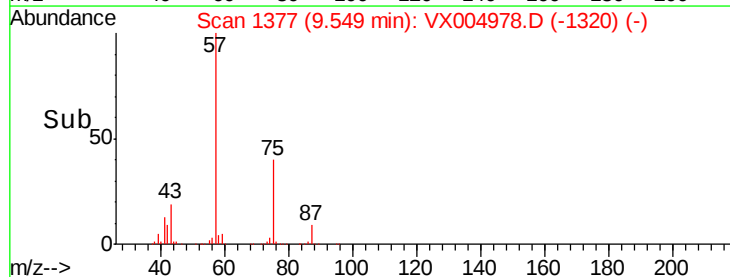
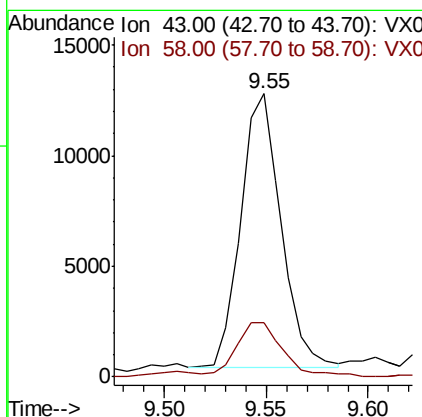
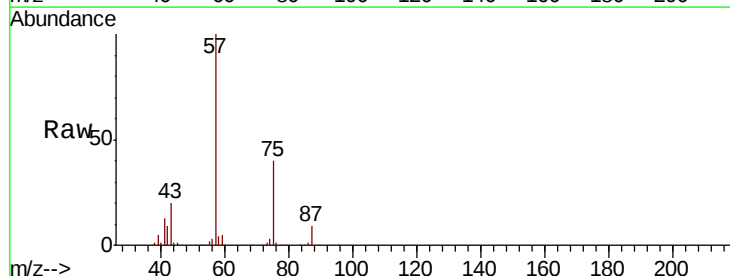
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#04

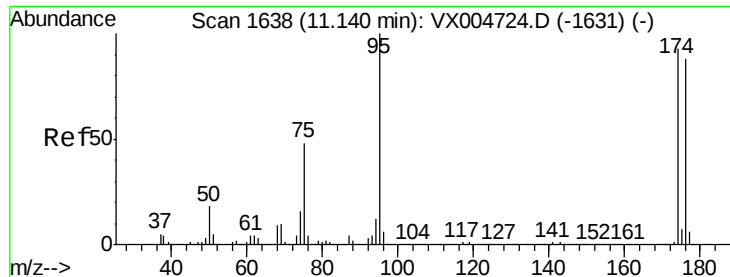
Tot Ion: 63 Resp: 20
Ion Ratio Lower Upper
63 100
106 0.0 21.0 31.6#



#59
2-Hexanone
Concen: 3.277 ug/l
RT: 9.55 min Scan# 1377
Delta R.T. 0.05 min
Lab File: VX004978.D
Acq: 03 Oct 2018 19:20

Tgt Ion: 43 Resp: 16794
Ion Ratio Lower Upper
43 100
58 23.4 28.4 85.3#

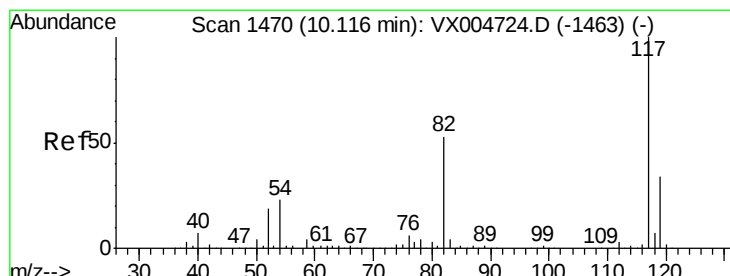
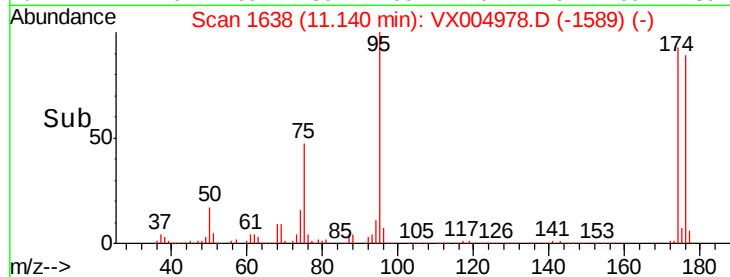
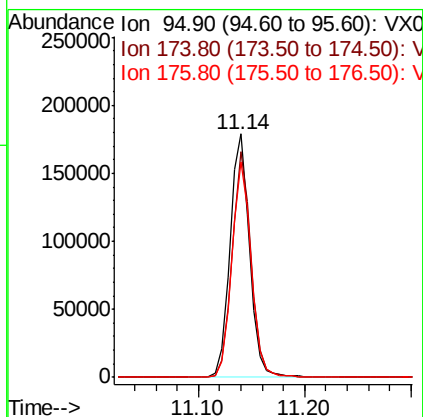
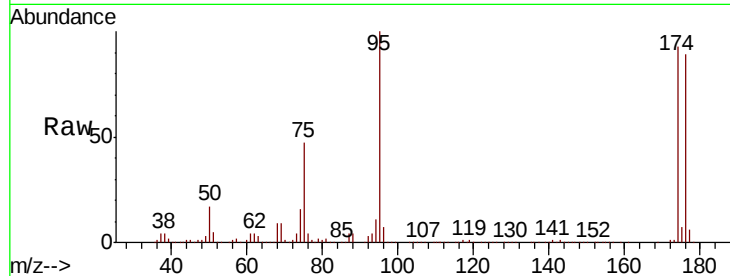




#62
4-Bromofluorobenzene
Concen: 51.375 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004978.D
Acq: 03 Oct 2018 19:20

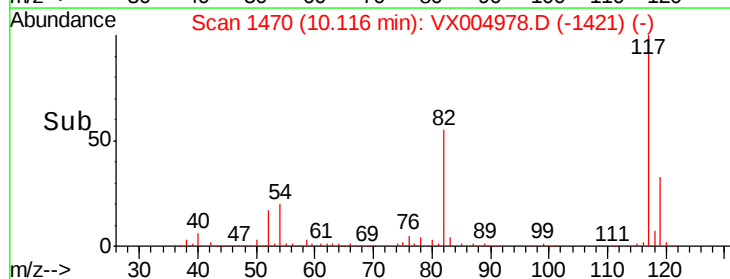
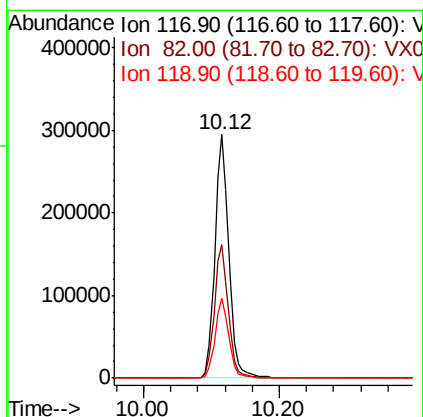
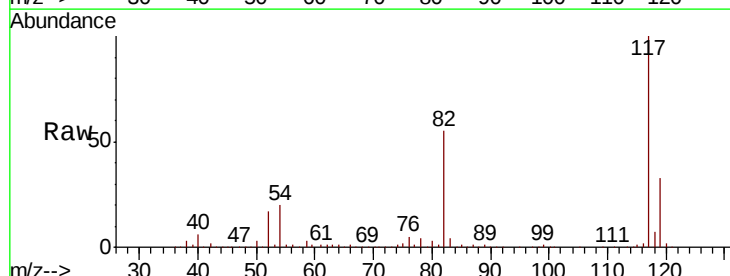
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#04

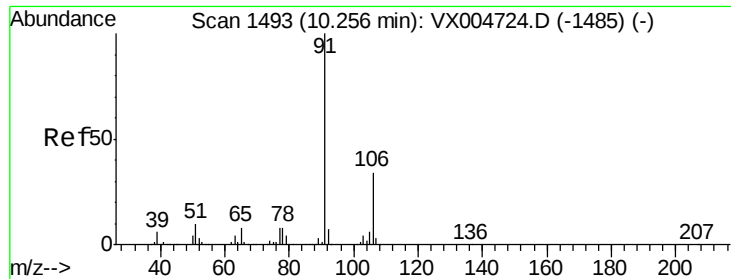
Tot Ion: 95 Resp: 229928
Ion Ratio Lower Upper
95 100
174 90.8 0.0 185.0
176 88.1 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004978.D
Acq: 03 Oct 2018 19:20

Tgt Ion: 117 Resp: 418366
Ion Ratio Lower Upper
117 100
82 55.1 42.2 63.4
119 32.6 27.4 41.0

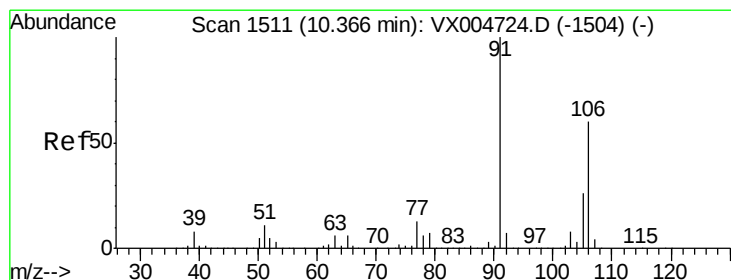
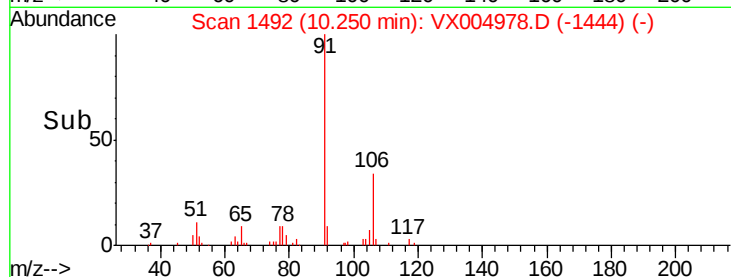
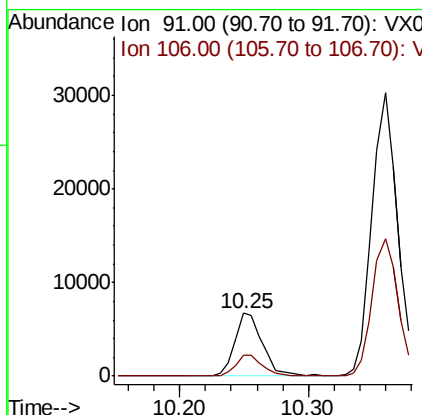
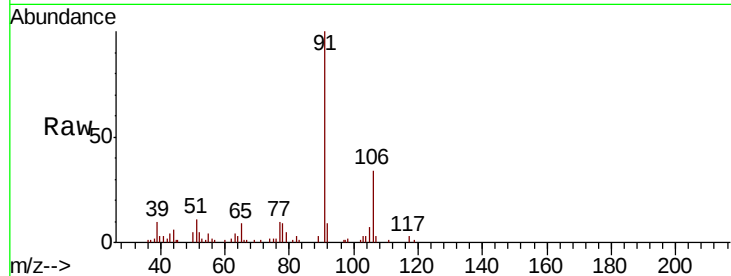




#67
Ethyl Benzene
Concen: 0.599 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004978.D
Acq: 03 Oct 2018 19:20

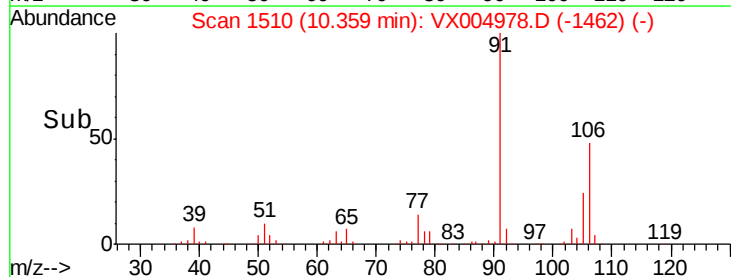
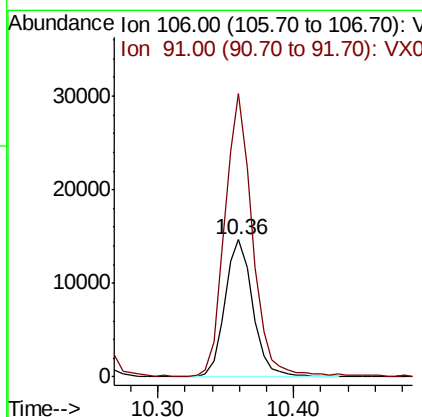
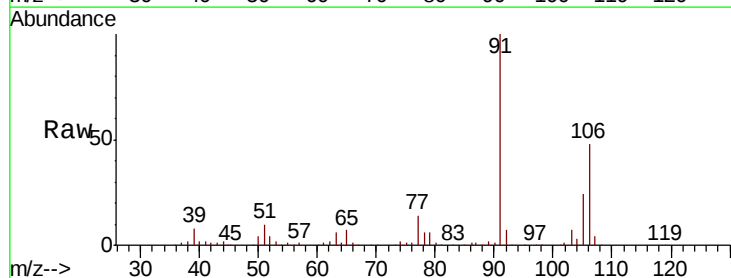
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#04

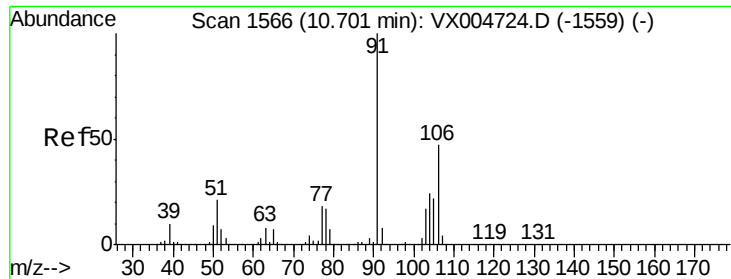
Tot Ion: 91 Resp: 10200
Ion Ratio Lower Upper
91 100
106 33.6 26.9 40.3



#68
m/p-Xylenes
Concen: 3.147 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004978.D
Acq: 03 Oct 2018 19:20

Tgt Ion: 106 Resp: 20945
Ion Ratio Lower Upper
106 100
91 203.4 157.5 236.3

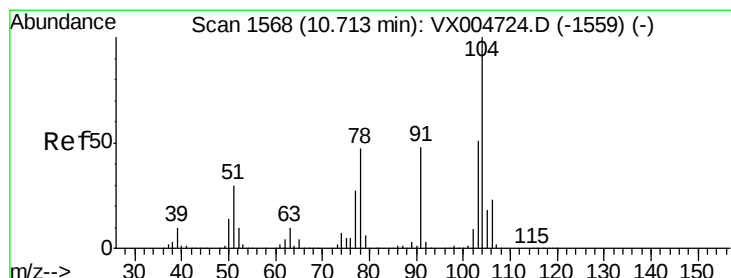
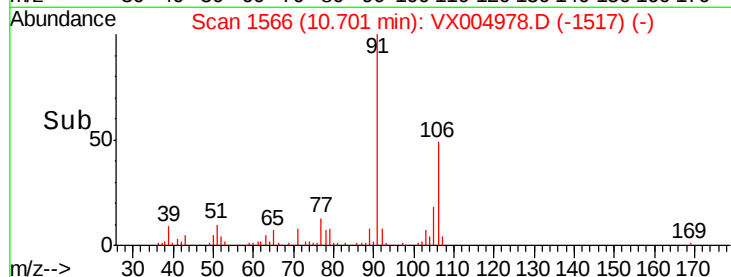
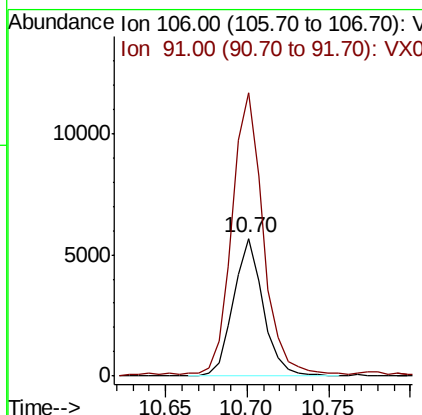
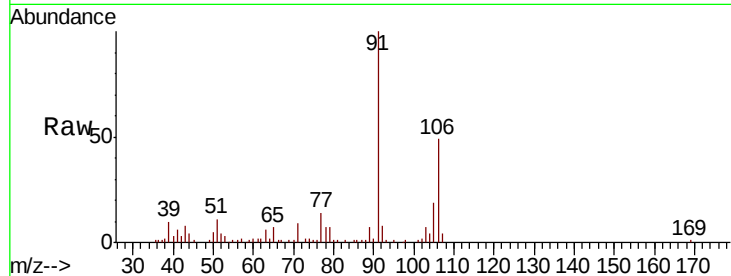




#69
o-Xylene
Concen: 1.178 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004978.D
Acq: 03 Oct 2018 19:20

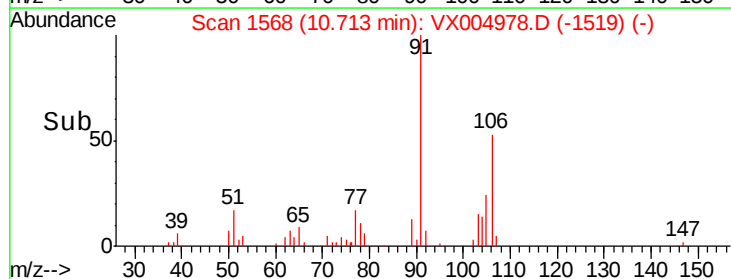
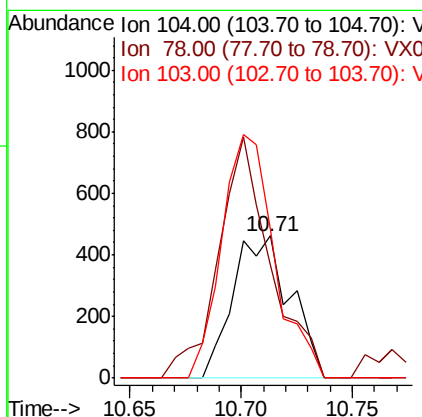
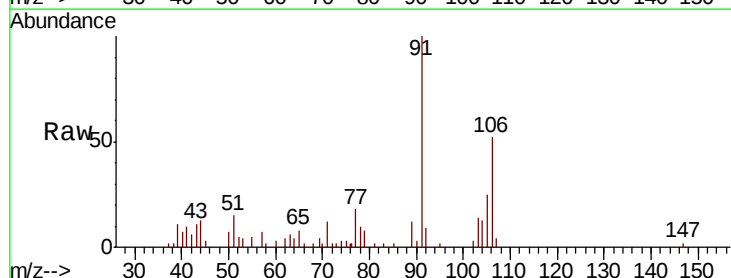
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#04

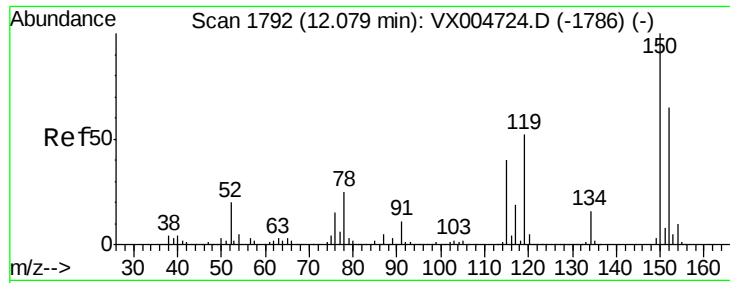
Tot Ion:106 Resp: 7201
Ion Ratio Lower Upper
106 100
91 212.6 108.3 324.8



#70
Styrene
Concen: 2.210 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004978.D
Acq: 03 Oct 2018 19:20

Tgt Ion:104 Resp: 825
Ion Ratio Lower Upper
104 100
78 153.3 40.0 60.0#
103 157.2 44.3 66.5#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004978.D

Acq: 03 Oct 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#04

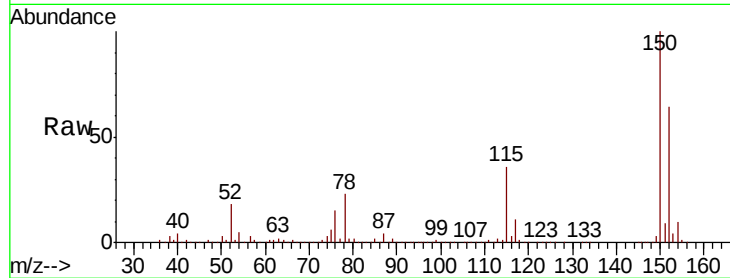
Tot Ion:152 Resp: 227487

Ion Ratio Lower Upper

152 100

115 55.3 40.2 120.6

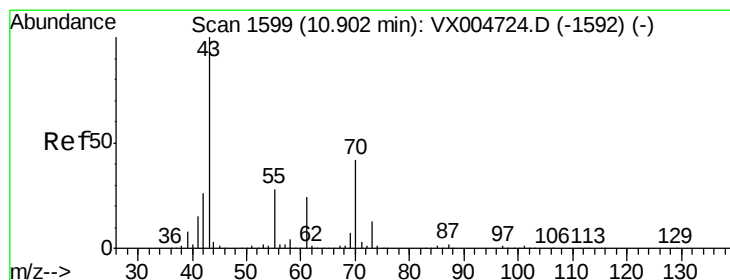
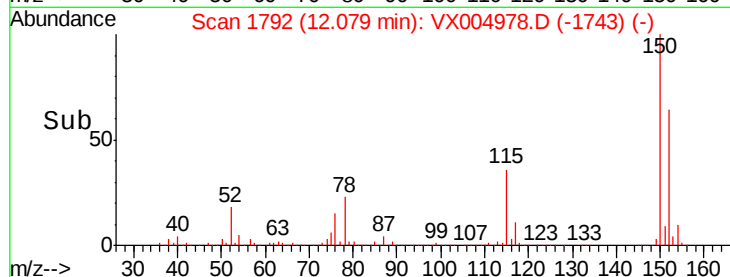
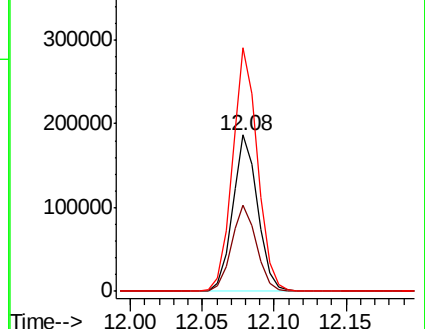
150 156.0 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 1.782 ug/l

RT: 10.92 min Scan# 1602

Delta R.T. 0.02 min

Lab File: VX004978.D

Acq: 03 Oct 2018 19:20

Tgt Ion: 43 Resp: 276

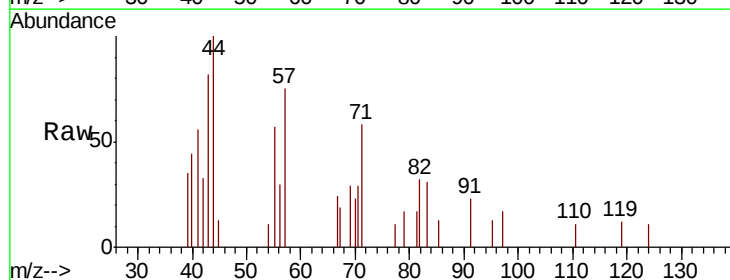
Ion Ratio Lower Upper

43 100

70 43.5 32.6 48.8

55 108.7 21.6 32.4#

61 0.0 19.1 28.7#

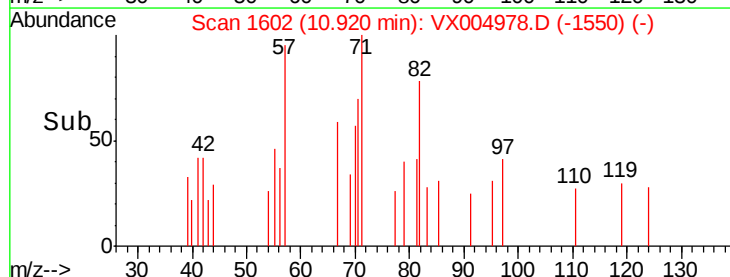
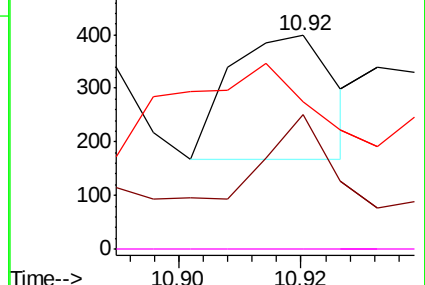


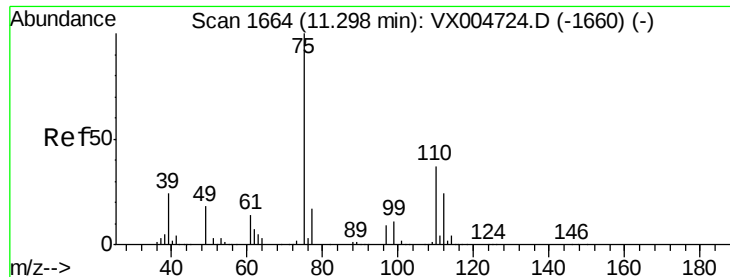
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

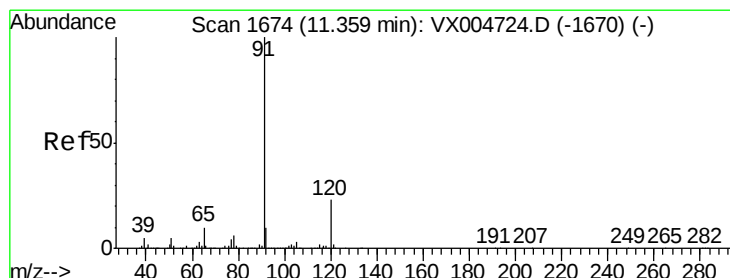
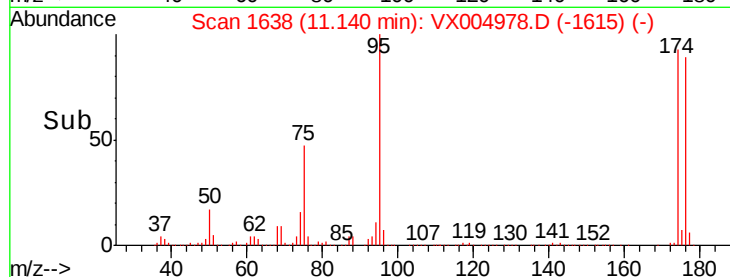
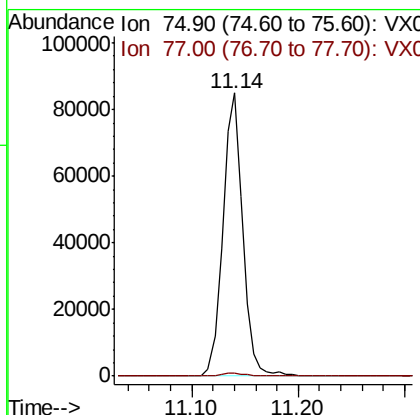
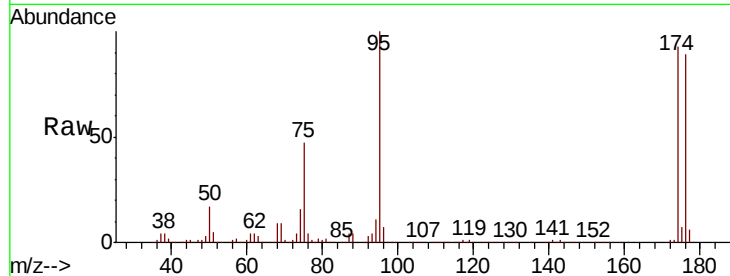




#76
 1,2,3-Trichloropropane
 Concen: 21.557 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX004978.D
 Acq: 03 Oct 2018 19:20

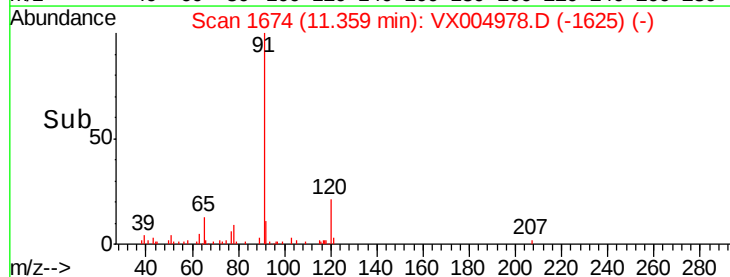
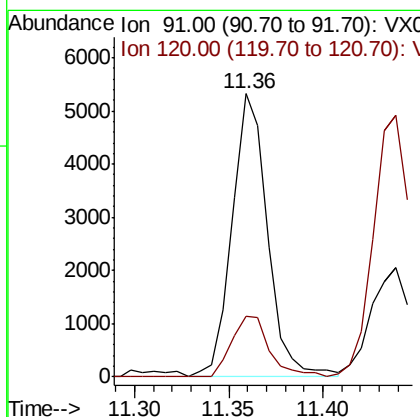
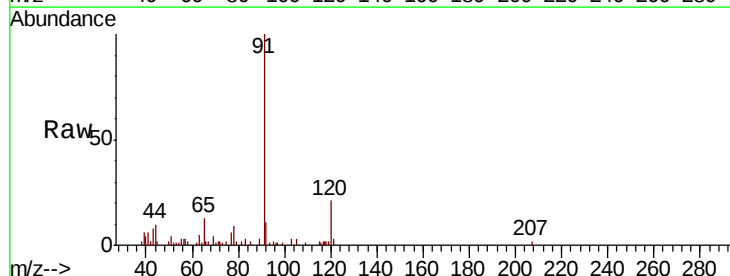
Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#04

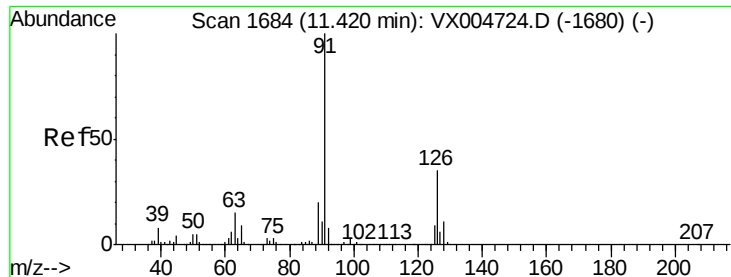
Tot Ion: 75 Resp: 109917
 Ion Ratio Lower Upper
 75 100
 77 1.5 21.4 64.3#



#78
 n-propylbenzene
 Concen: 0.423 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VX004978.D
 Acq: 03 Oct 2018 19:20

Tgt Ion: 91 Resp: 6954
 Ion Ratio Lower Upper
 91 100
 120 22.8 12.0 36.0

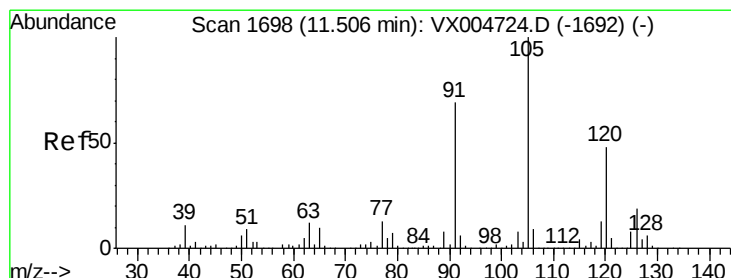
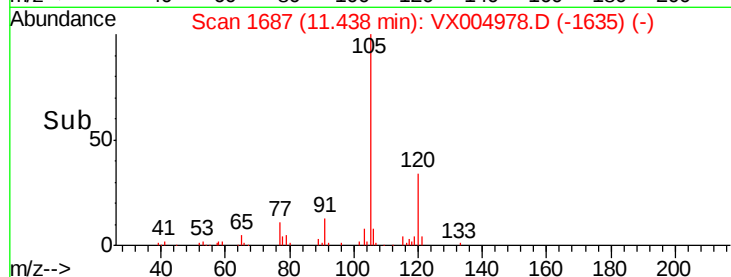
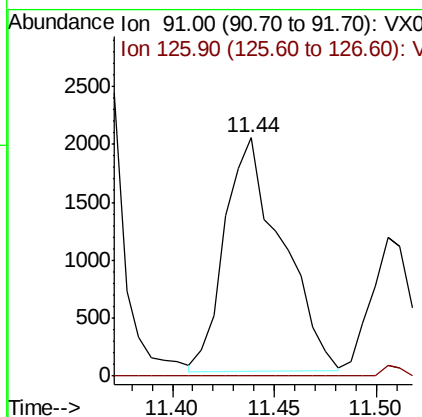
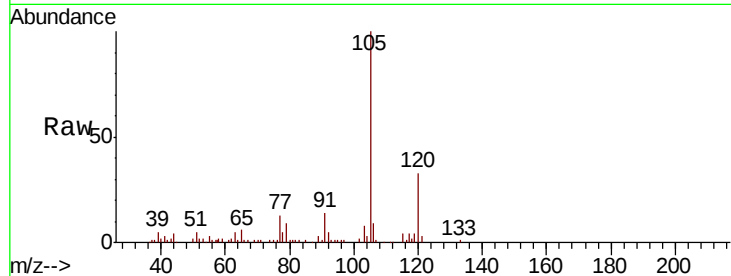




#79
 2-Chlorotoluene
 Concen: 0.382 ug/l
 RT: 11.44 min Scan# 1687
 Delta R.T. 0.02 min
 Lab File: VX004978.D
 Acq: 03 Oct 2018 19:20

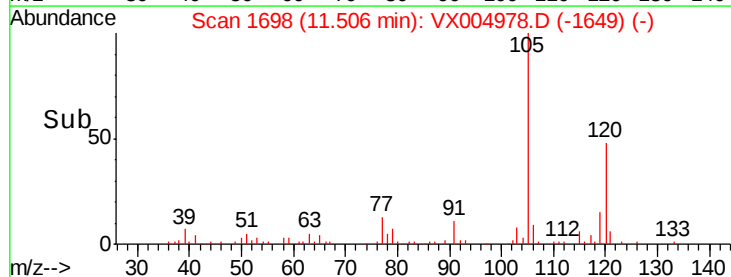
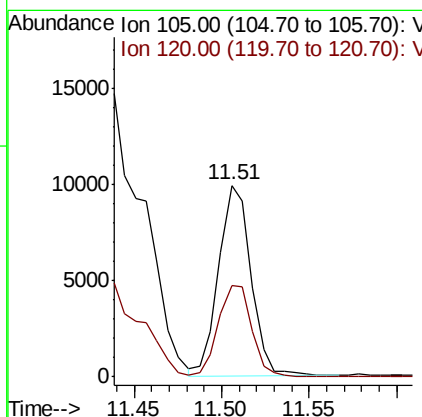
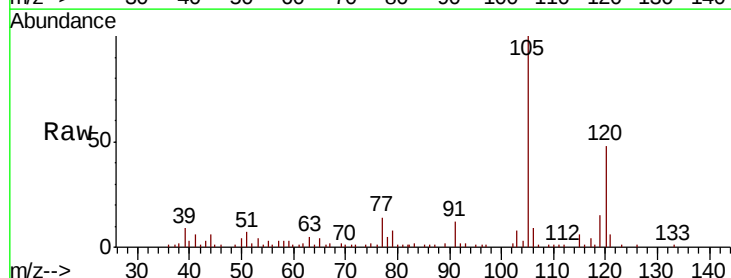
Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#04

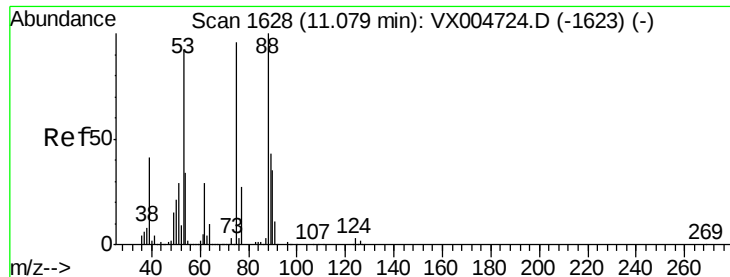
Tot Ion: 91 Resp: 3922
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.6 52.9#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.775 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX004978.D
 Acq: 03 Oct 2018 19:20

Tgt Ion: 105 Resp: 12742
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 58.446 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004978.D

Acq: 03 Oct 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#04

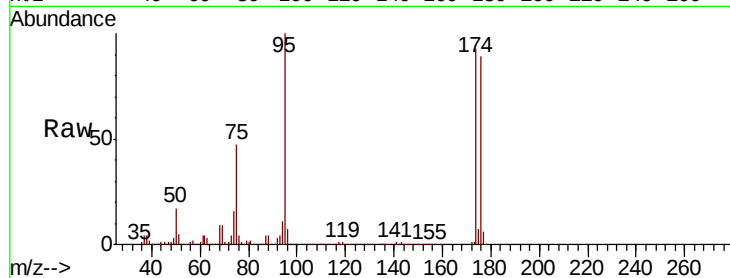
Tot Ion: 75 Resp: 109917

Ion Ratio Lower Upper

75 100

53 0.4 80.2 120.4#

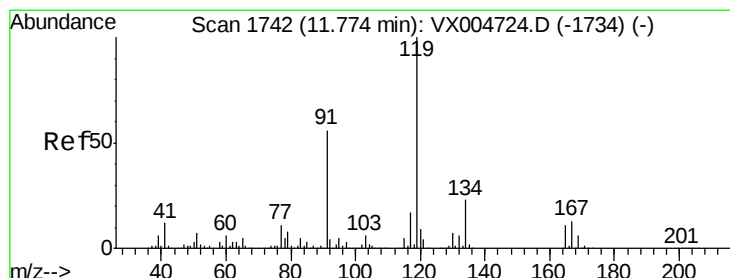
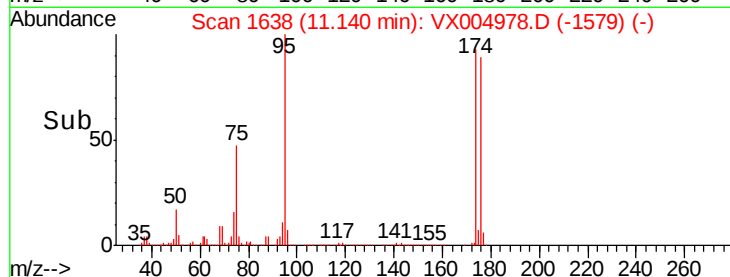
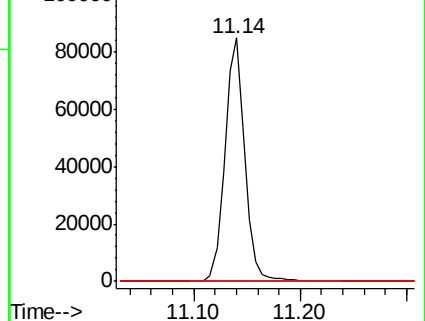
89 0.0 37.1 55.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#83

tert-Butylbenzene

Concen: 0.459 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.04 min

Lab File: VX004978.D

Acq: 03 Oct 2018 19:20

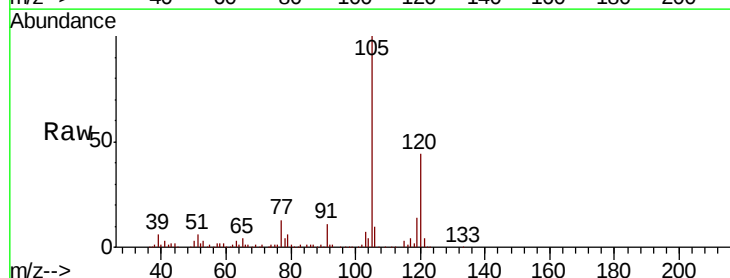
Tgt Ion: 119 Resp: 5413

Ion Ratio Lower Upper

119 100

91 74.7 27.5 82.5

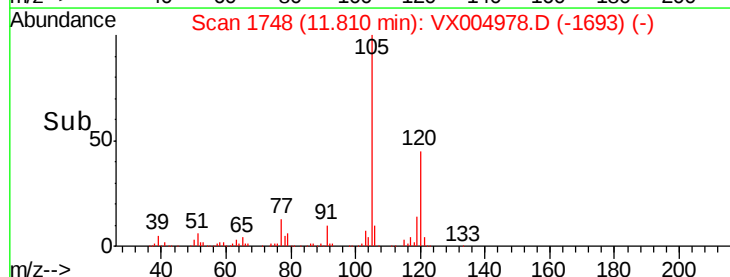
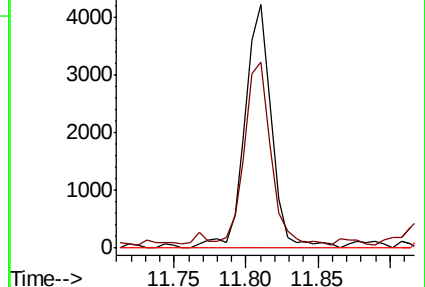
134 0.0 11.5 34.4#

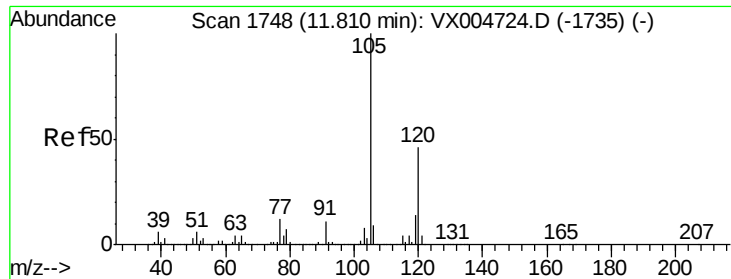


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

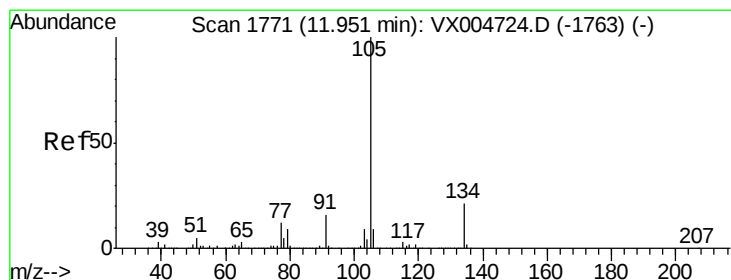
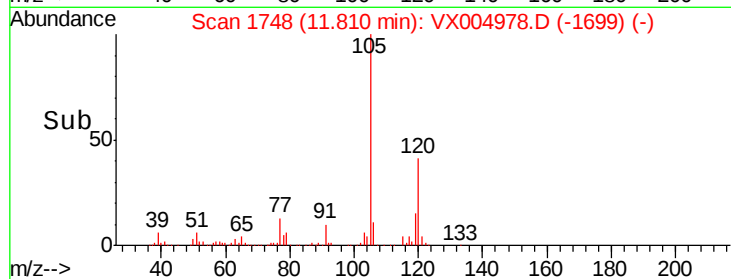
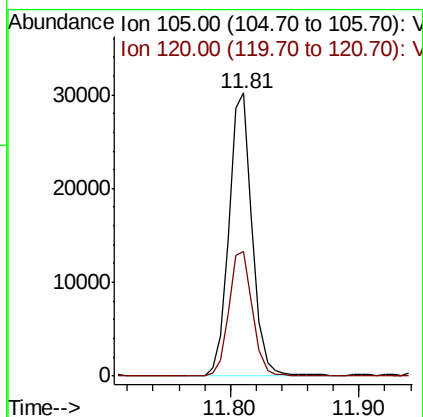
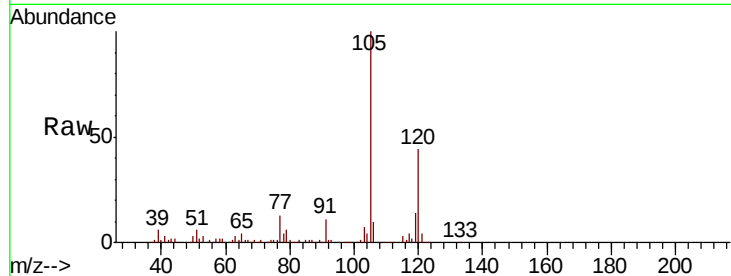




#84
 1,2,4-Trimethylbenzene
 Concen: 2.607 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004978.D
 Acq: 03 Oct 2018 19:20

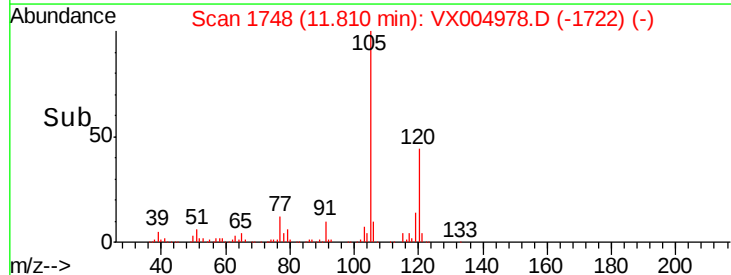
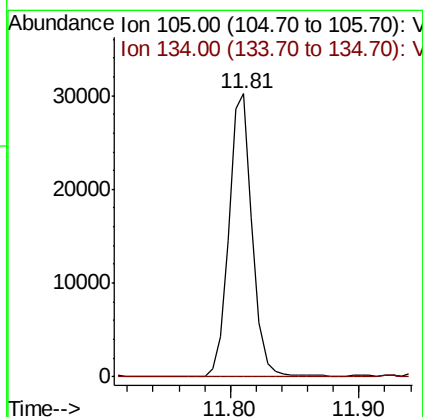
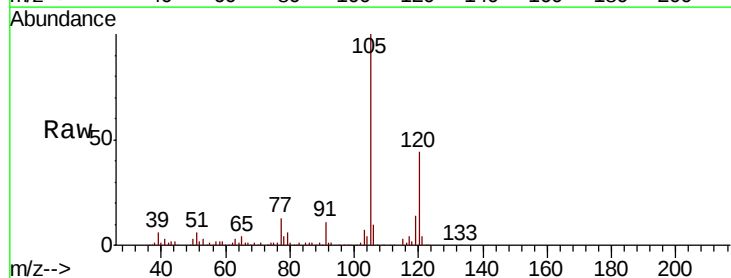
Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#04

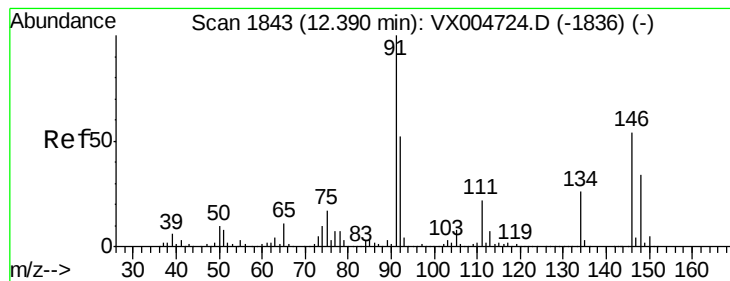
Tot Ion:105 Resp: 37880
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.8 68.3



#85
 sec-Butylbenzene
 Concen: 2.634 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.14 min
 Lab File: VX004978.D
 Acq: 03 Oct 2018 19:20

Tgt Ion:105 Resp: 37880
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#





#89

n-Butylbenzene

Concen: 0.291 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX004978.D

Acq: 03 Oct 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#04

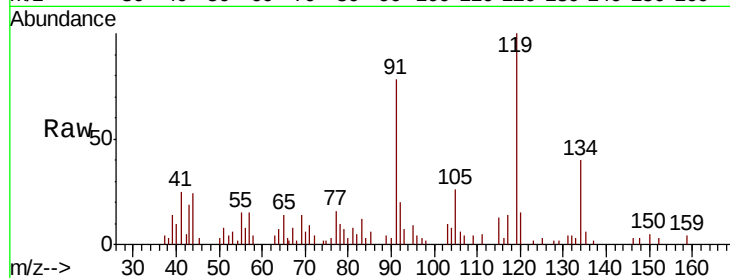
Tot Ion: 91 Resp: 3441

Ion Ratio Lower Upper

91 100

92 36.4 26.0 78.0

134 92.2 13.2 39.6#

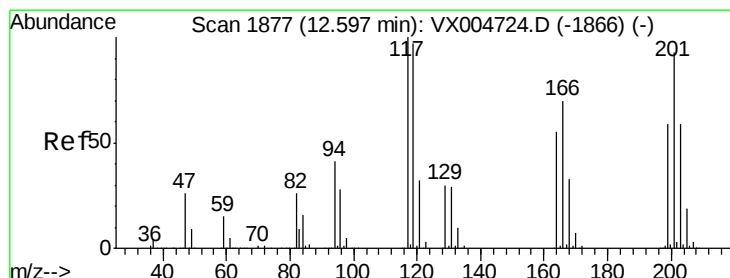
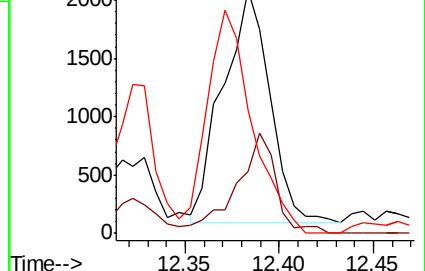
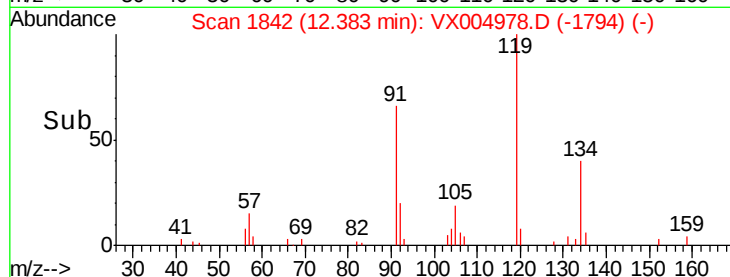


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

Time-->



#90

Hexachloroethane

Concen: 0.219 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX004978.D

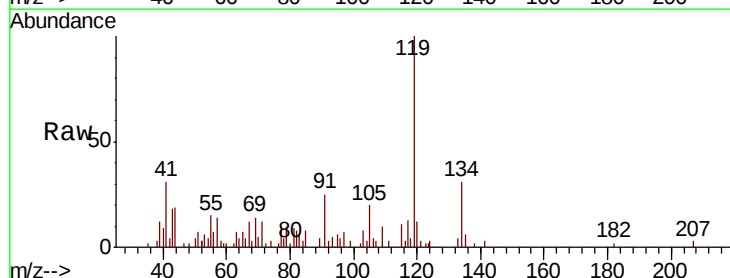
Acq: 03 Oct 2018 19:20

Tgt Ion: 117 Resp: 476

Ion Ratio Lower Upper

117 100

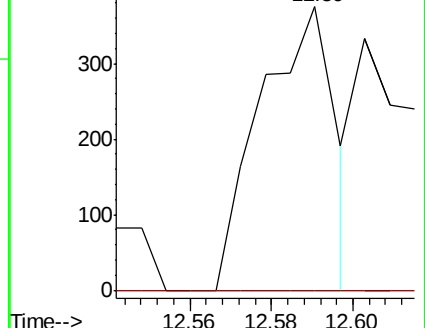
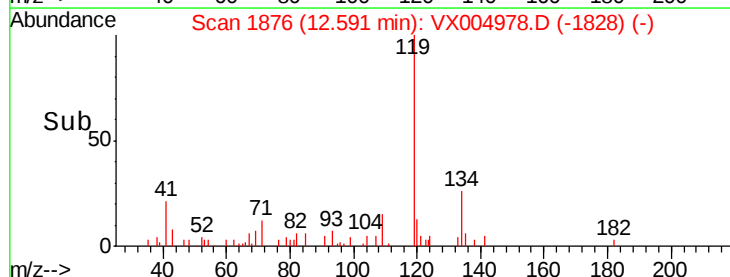
201 0.0 48.4 145.0#

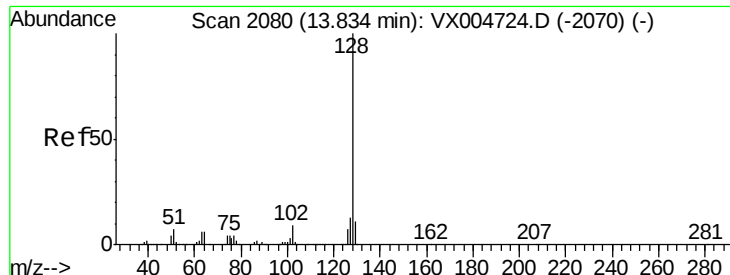


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

Time-->





#95

Naphthalene

Concen: 4.942 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004978.D

Acq: 03 Oct 2018 19:20

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#04

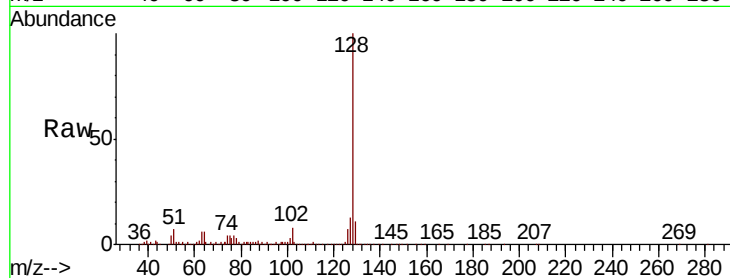
Tot Ion:128 Resp: 81072

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

