

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX043019\
 Data File : VX009247.D
 Acq On : 30 Apr 2019 15:41
 Operator : JC/SP
 Sample : K2617-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SUMP-PIT

Quant Time: May 01 01:23:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	203186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	328914	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	290953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132443	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	134362	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
35) Dibromofluoromethane	5.50	113	98584	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	
50) Toluene-d8	8.71	98	414293	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
62) 4-Bromofluorobenzene	11.13	95	142358	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	

Target Compounds

						Qvalue
5) Bromomethane	1.64	94	587	0.392	ug/l #	67
6) Chloroethane	1.76	64	1317	0.823	ug/l #	53
10) Methyl Iodide	2.51	142	58	4.618	ug/l #	79
11) Tert butyl alcohol	3.04	59	26640	41.492	ug/l	97
13) Acrolein	2.29	56	485	0.834	ug/l #	14
16) Acetone	2.44	43	45126	30.298	ug/l	97
18) Methyl Acetate	2.78	43	980	0.277	ug/l #	79
20) Methylene Chloride	2.86	84	488	0.202	ug/l #	71
25) 2-Butanone	4.68	43	31592	13.650	ug/l	97
28) Bromochloromethane	5.01	49	79	Below Cal	#	20
29) Tetrahydrofuran	5.15	42	585	0.393	ug/l #	50
31) Cyclohexane	5.57	56	2524	0.615	ug/l #	84
36) 1,1-Dichloropropene	5.67	75	16085	5.262	ug/l #	50
37) Ethyl Acetate	4.91	43	19214	4.512	ug/l #	70
38) Carbon Tetrachloride	5.66	117	19114	6.883	ug/l #	14
39) Methylcyclohexane	7.46	83	2967	0.790	ug/l #	87
40) Benzene	6.15	78	43614	4.610	ug/l	98
41) Methacrylonitrile	4.92	41	9921	3.913	ug/l #	51
49) 1,4-Dioxane	7.77	88	21	0.306	ug/l #	1
51) 4-Methyl-2-Pentanone	8.64	43	2617	0.588	ug/l	88
52) Toluene	8.79	92	716844	124.661	ug/l	99
53) t-1,3-Dichloropropene	8.79	75	8335	2.379	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	532	0.227	ug/l #	23
59) 2-Hexanone	9.49	43	3380	0.967	ug/l	80
67) Ethyl Benzene	10.25	91	413735	38.625	ug/l	100
68) m/p-Xylenes	10.36	106	686099	175.276	ug/l	98
69) o-Xylene	10.70	106	371966	96.311	ug/l	100
70) Styrene	10.70	104	19471	2.901	ug/l #	1
73) Isopropylbenzene	11.02	105	27352	2.840	ug/l	98
74) N-amyl acetate	10.91	43	3060	0.545	ug/l #	1
76) 1,2,3-Trichloropropane	11.43	75	5164	1.681	ug/l #	1
78) n-propylbenzene	11.36	91	110515	10.048	ug/l	100
79) 2-Chlorotoluene	11.43	91	73147	10.779	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.51	105	175689	21.665	ug/l	99

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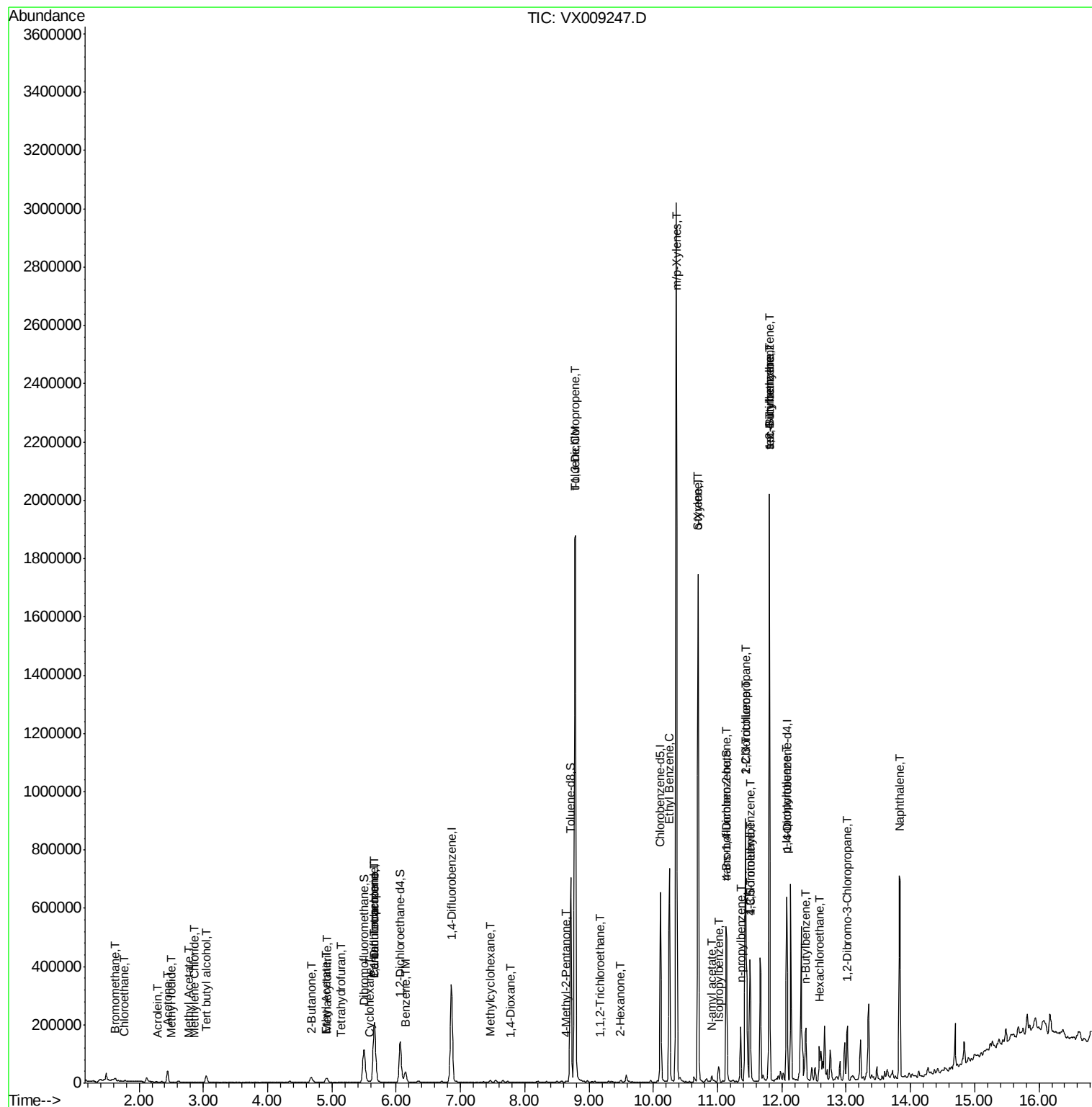
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	11.13	75	72831	60.656	ug/l #	10
82) 4-Chlorotoluene	11.51	91	18548	2.419	ug/l #	46
83) tert-Butylbenzene	11.80	119	103605	13.133	ug/l #	63
84) 1,2,4-Trimethylbenzene	11.80	105	845932	103.925	ug/l	99
85) sec-Butylbenzene	11.80	105	845932	90.447	ug/l #	57
86) p-Isopropyltoluene	12.07	119	3626	0.431	ug/l #	72
89) n-Butylbenzene	12.38	91	23313	3.068	ug/l #	20
90) Hexachloroethane	12.58	117	5022	3.506	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	13.02	75	629	0.781	ug/l #	2
95) Naphthalene	13.83	128	435681	45.117	ug/l	100

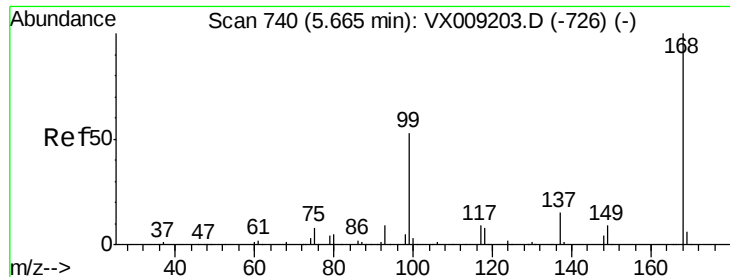
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009247.D

Acq: 30 Apr 2019 15:41

Instrument :

MSVOA_X

ClientSampleId :

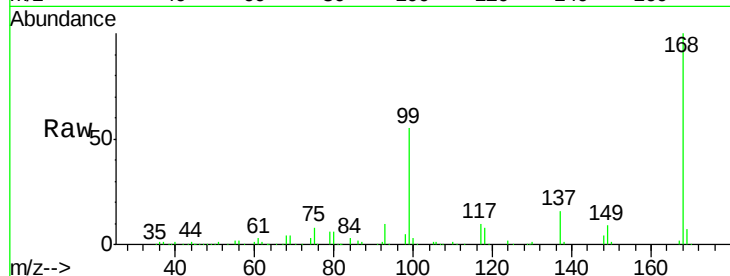
SUMP-PIT

Tot Ion:168 Resp: 203186

Ion Ratio Lower Upper

168 100

99 54.7 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

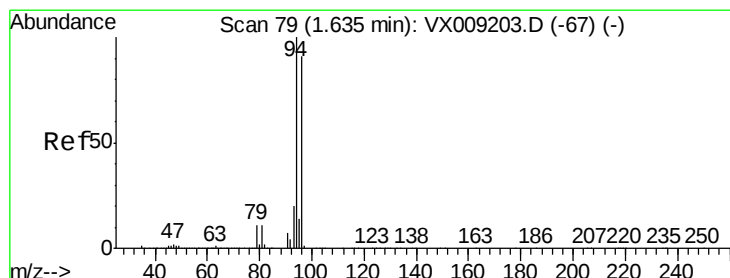
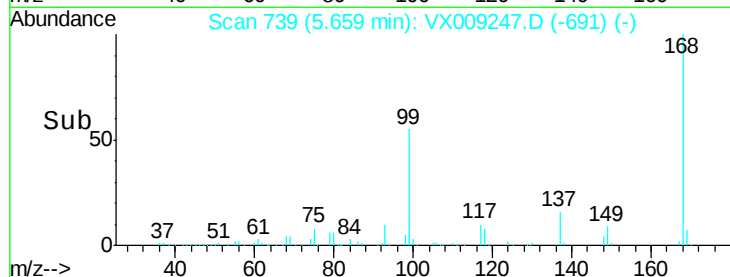
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.392 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009247.D

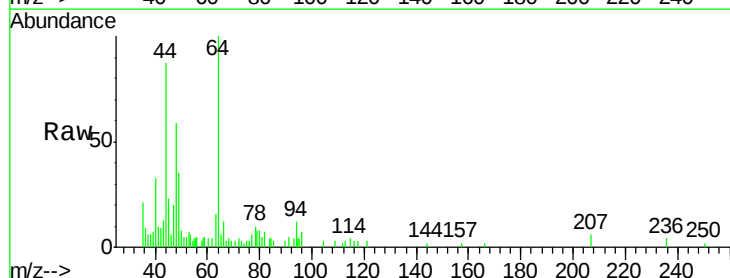
Acq: 30 Apr 2019 15:41

Tgt Ion: 94 Resp: 587

Ion Ratio Lower Upper

94 100

96 59.9 73.0 109.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

300

250

200

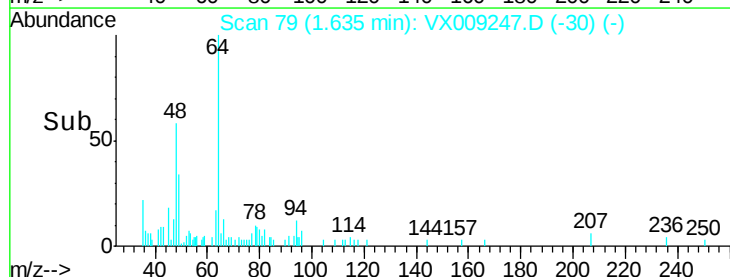
150

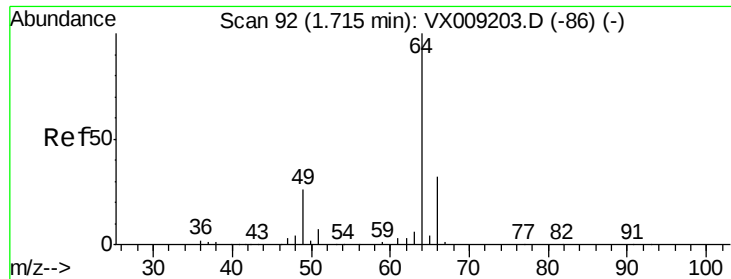
100

50

0

Time--> 1.55 1.60 1.65 1.70





#6

Chloroethane

Concen: 0.823 ug/l

RT: 1.76 min Scan# 99

Delta R.T. 0.04 min

Lab File: VX009247.D

Acq: 30 Apr 2019 15:41

Instrument :

MSVOA_X

ClientSampleId :

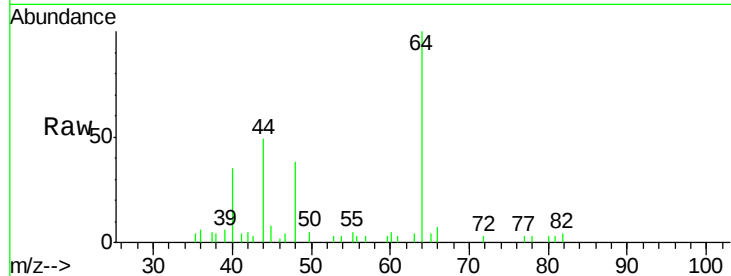
SUMP-PIT

Tot Ion: 64 Resp: 1317

Ion Ratio Lower Upper

64 100

66 5.4 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VX009203.D (-86) (-)

Ion 65.90 (65.60 to 66.60): VX009203.D (-86) (-)

1.76

2000

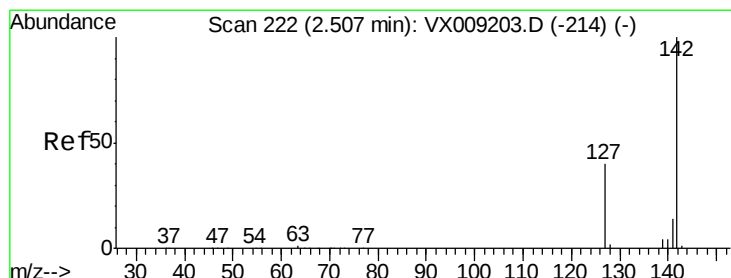
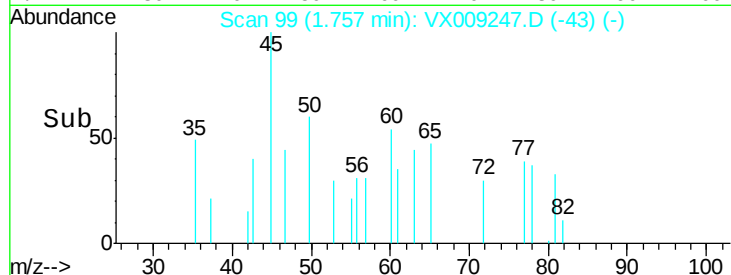
1500

1000

500

0

Time-->



#10

Methyl Iodide

Concen: 4.618 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX009247.D

Acq: 30 Apr 2019 15:41

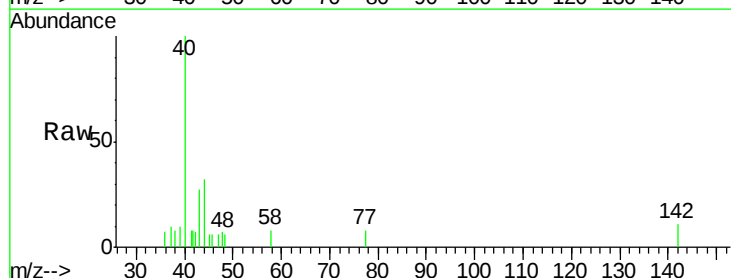
Tgt Ion: 142 Resp: 58

Ion Ratio Lower Upper

142 100

127 31.0 32.7 49.1#

141 0.0 11.5 17.3#



Abundance Ion 141.80 (141.50 to 142.50): VX009203.D (-214) (-)

Ion 126.80 (126.50 to 127.50): VX009203.D (-214) (-)

Ion 140.80 (140.50 to 141.50): VX009203.D (-214) (-)

2.51

120

100

80

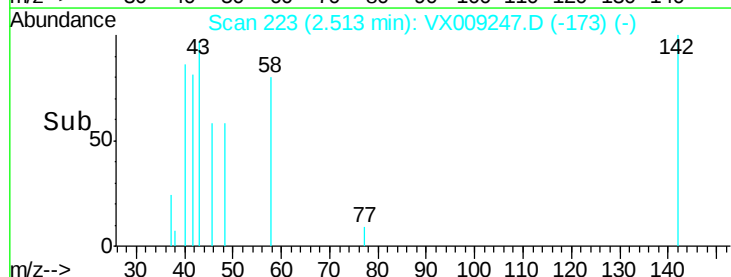
60

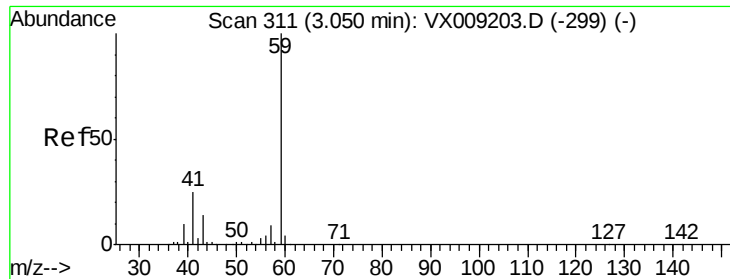
40

20

0

Time-->

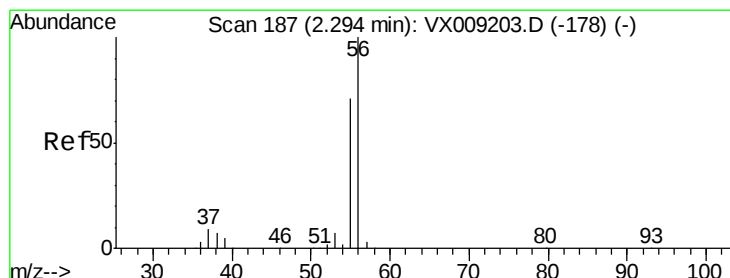
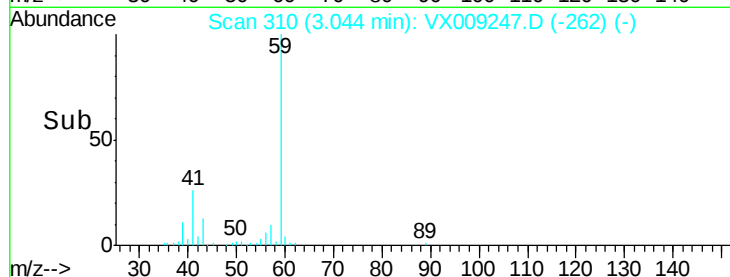
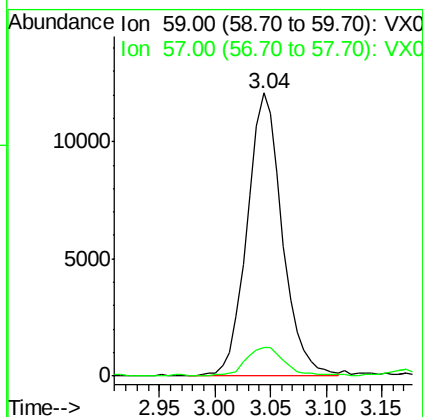
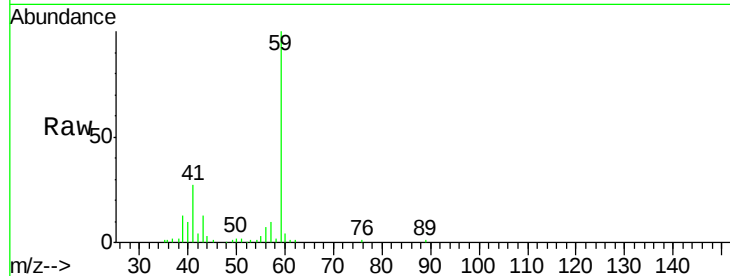




#11
Tert butyl alcohol
Concen: 41.492 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX009247.D
Acq: 30 Apr 2019 15:41

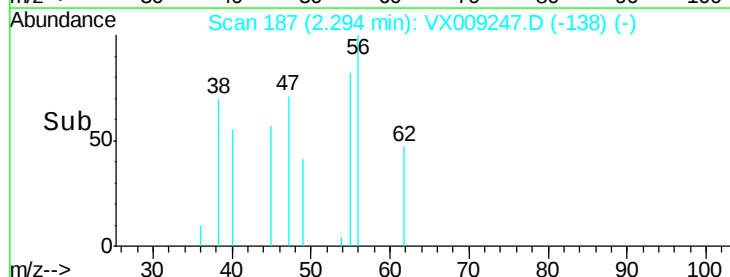
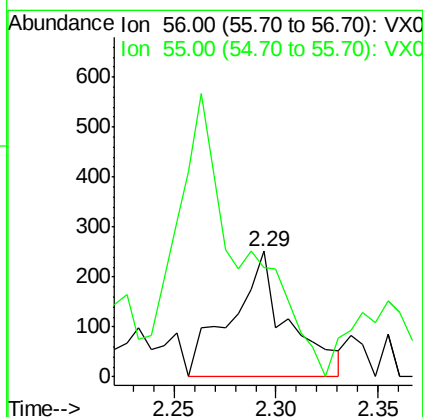
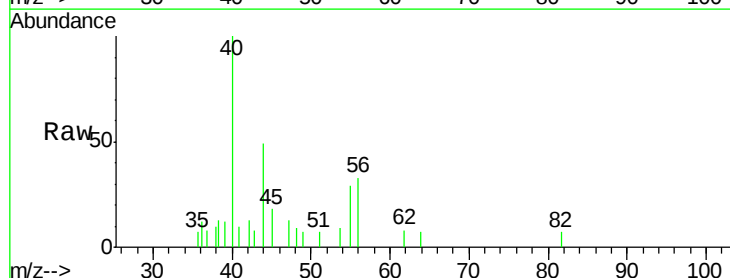
Instrument :
MSVOA_X
ClientSampled :
SUMP-PIT

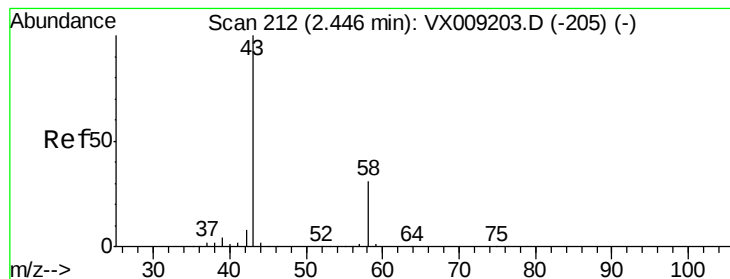
Tot Ion: 59 Resp: 26640
Ion Ratio Lower Upper
59 100
57 11.4 8.2 12.2



#13
Acrolein
Concen: 0.834 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX009247.D
Acq: 30 Apr 2019 15:41

Tgt Ion: 56 Resp: 485
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#





#16

Acetone

Concen: 30.298 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009247.D

Acq: 30 Apr 2019 15:41

Instrument :

MSVOA_X

ClientSampleId :

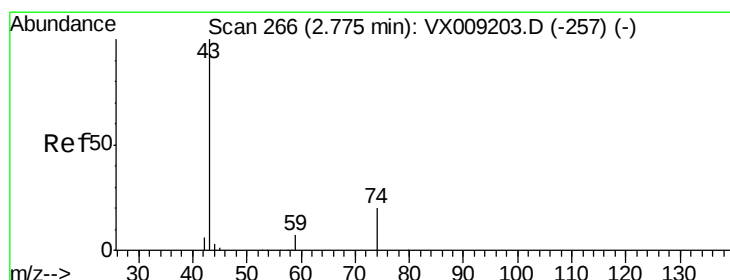
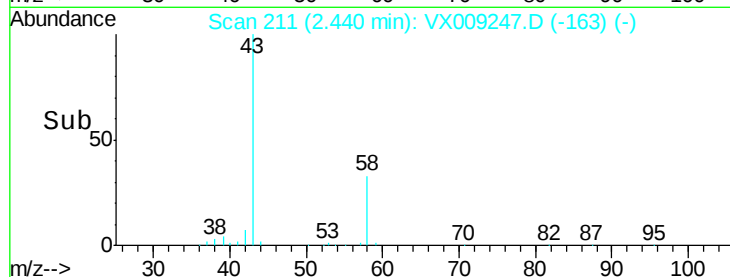
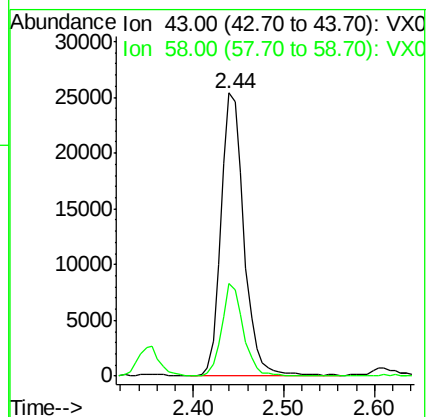
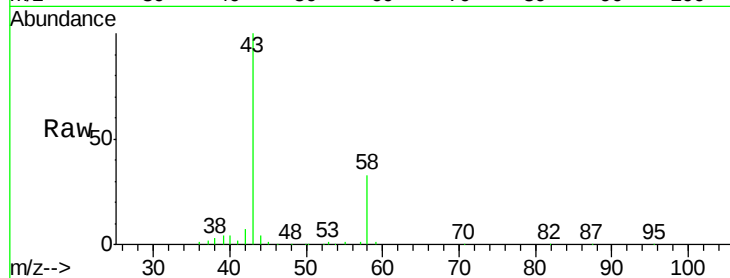
SUMP-PIT

Tot Ion: 43 Resp: 45126

Ion Ratio Lower Upper

43 100

58 32.6 24.9 37.3



#18

Methyl Acetate

Concen: 0.277 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX009247.D

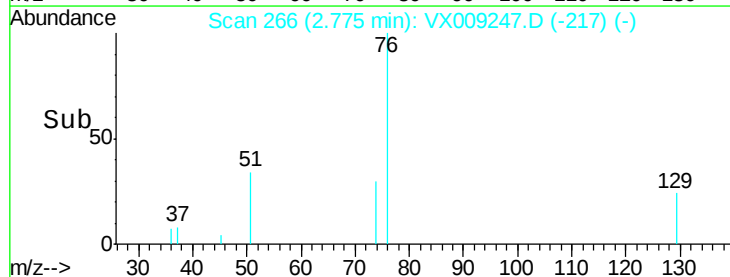
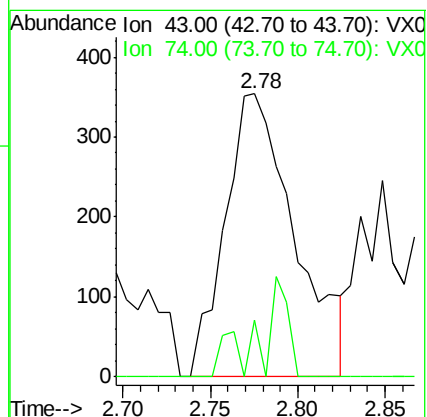
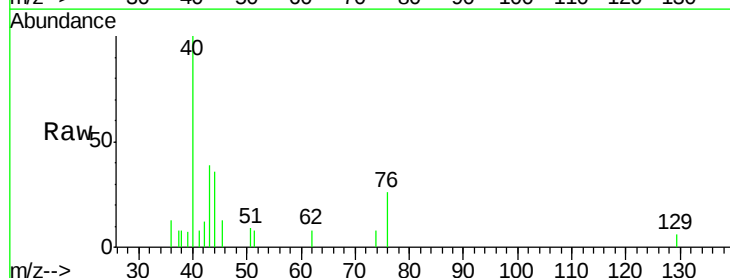
Acq: 30 Apr 2019 15:41

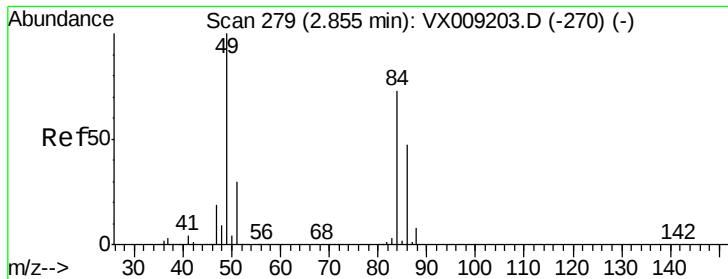
Tgt Ion: 43 Resp: 980

Ion Ratio Lower Upper

43 100

74 10.8 16.2 24.4#





#20

Methylene Chloride

Concen: 0.202 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX009247.D

Acq: 30 Apr 2019 15:41

Instrument :

MSVOA_X

ClientSampleId :

SUMP-PIT

Tot Ion: 84 Resp: 488

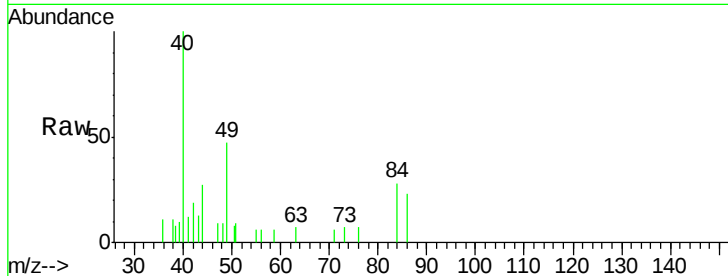
Ion Ratio Lower Upper

84 100

49 168.7 109.9 164.9#

51 5.7 32.7 49.1#

86 80.5 52.0 78.0#

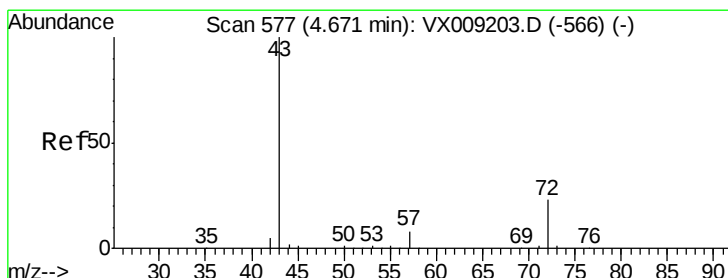
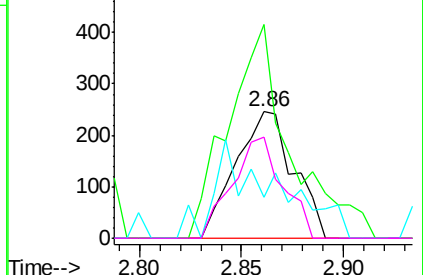
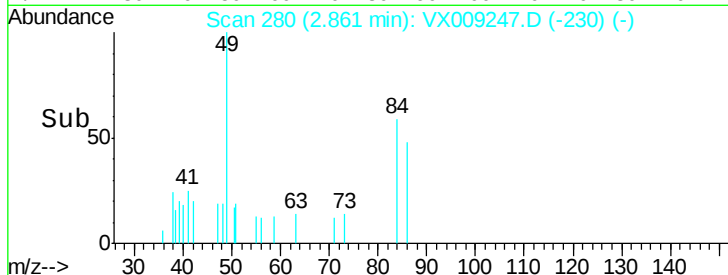


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 13.650 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009247.D

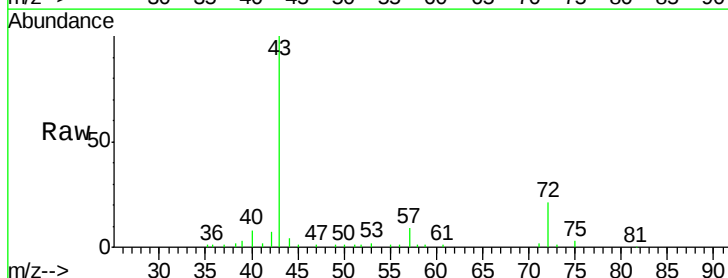
Acq: 30 Apr 2019 15:41

Tgt Ion: 43 Resp: 31592

Ion Ratio Lower Upper

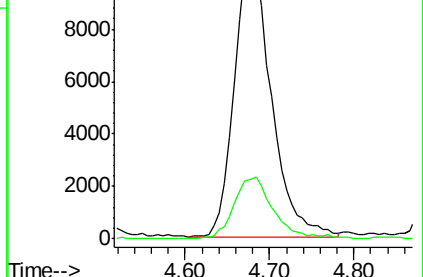
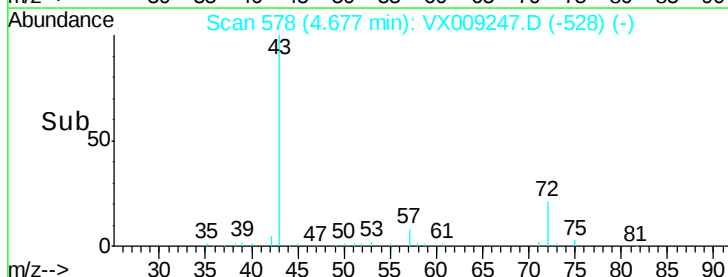
43 100

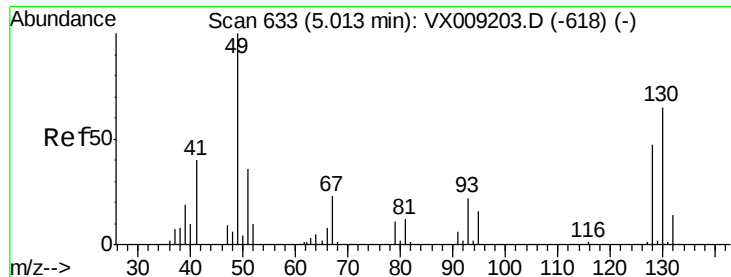
72 21.3 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#28

Bromochloromethane

Concen: Below Cal

RT: 5.01 min Scan# 633

Delta R.T. 0.00 min

Lab File: VX009247.D

Acq: 30 Apr 2019 15:41

Instrument :

MSVOA_X

ClientSampleId :

SUMP-PIT

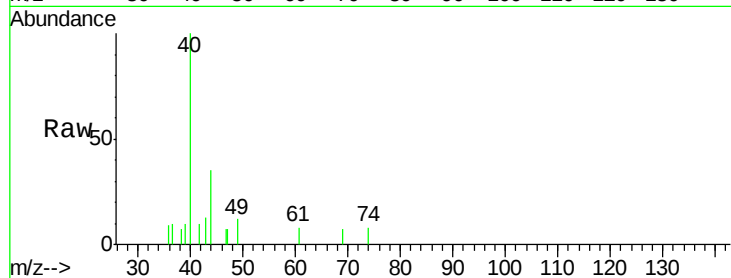
Tot Ion: 49 Resp: 79

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

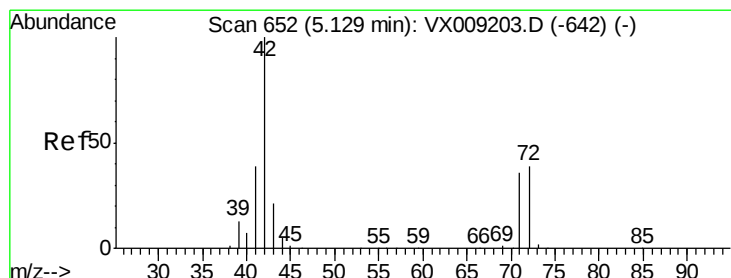
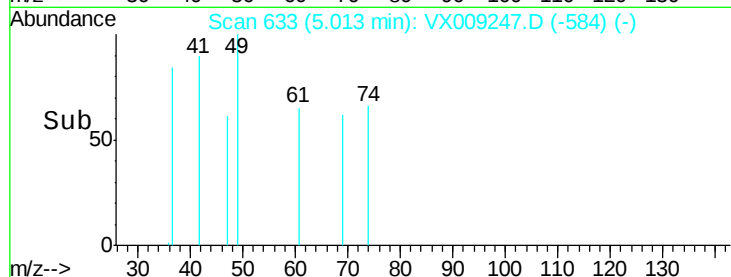
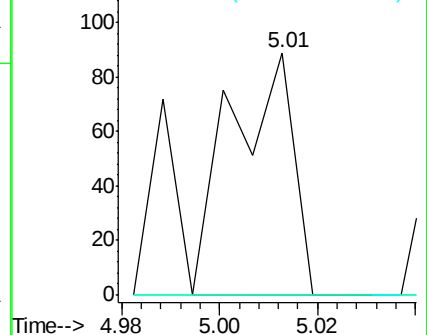
130 0.0 51.2 76.8#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 0.393 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.02 min

Lab File: VX009247.D

Acq: 30 Apr 2019 15:41

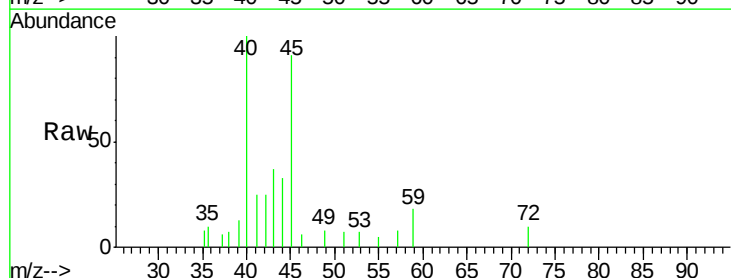
Tgt Ion: 42 Resp: 585

Ion Ratio Lower Upper

42 100

72 0.0 30.4 45.6#

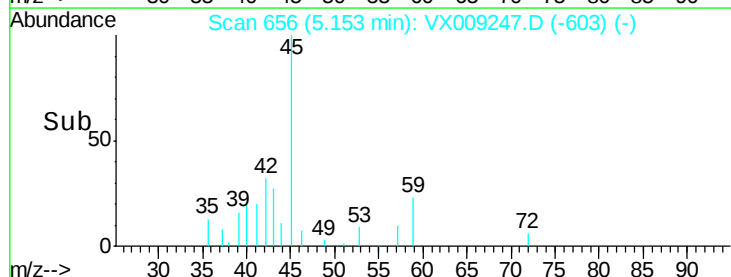
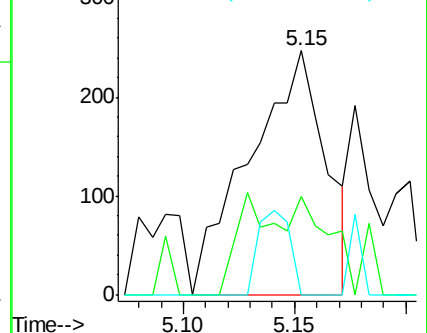
71 14.5 28.6 43.0#

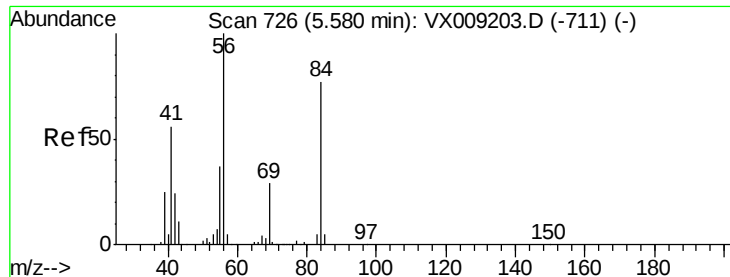


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

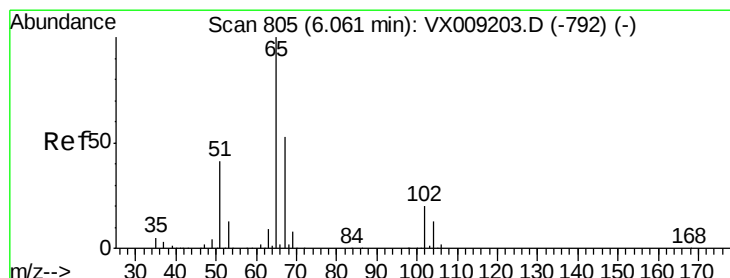
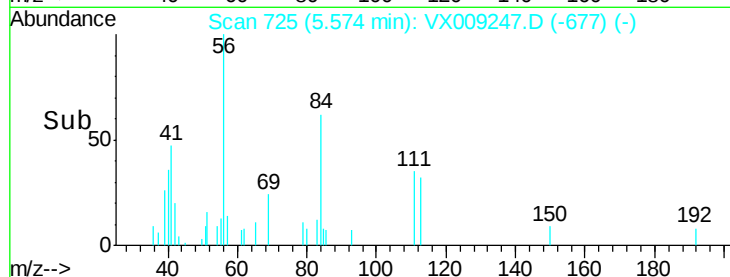
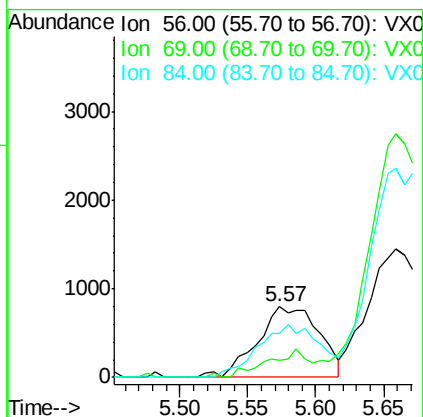
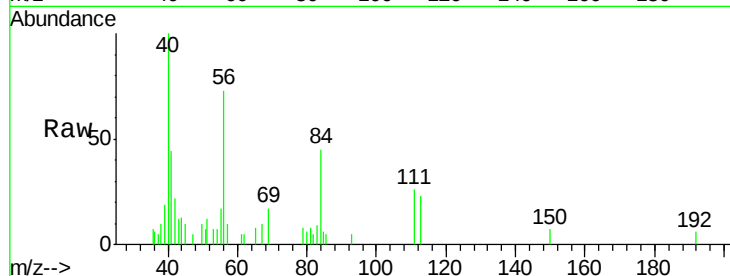




#31
Cyclohexane
Concen: 0.615 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX009247.D
Acq: 30 Apr 2019 15:41

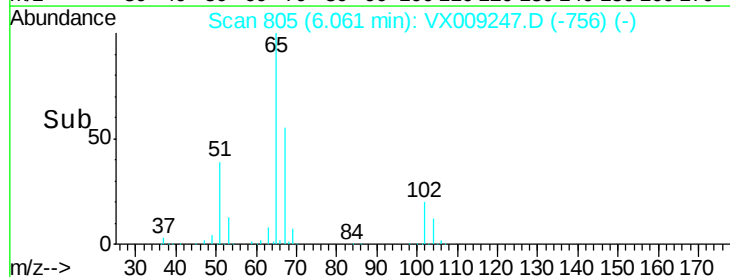
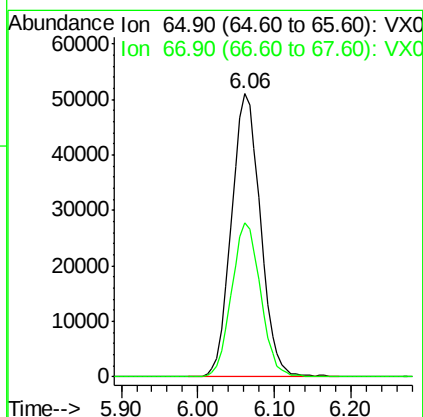
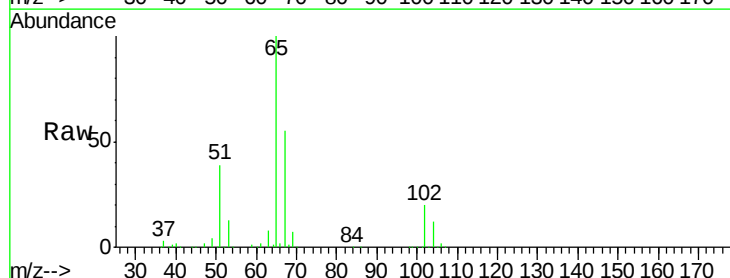
Instrument :
MSVOA_X
ClientSampleId :
SUMP-PIT

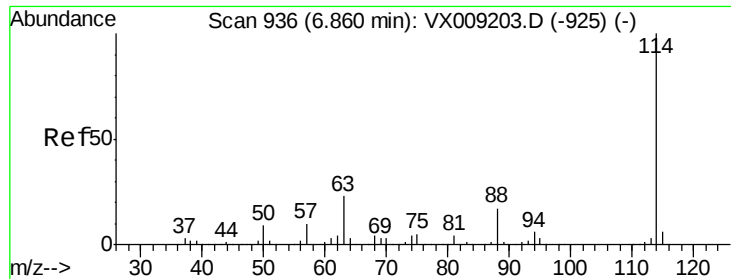
Tot Ion: 56 Resp: 2524
Ion Ratio Lower Upper
56 100
69 23.5 23.4 35.0
84 61.9 61.9 92.9#



#33
1,2-Dichloroethane-d4
Concen: 48.441 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009247.D
Acq: 30 Apr 2019 15:41

Tgt Ion: 65 Resp: 134362
Ion Ratio Lower Upper
65 100
67 54.2 0.0 106.6

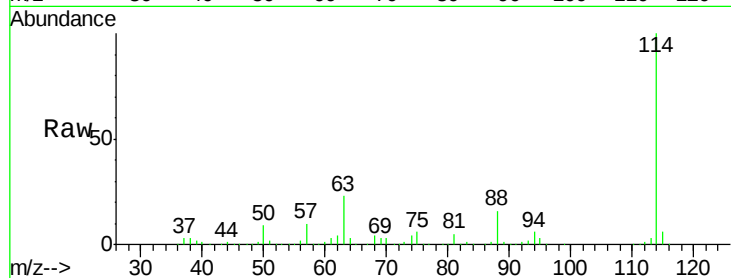




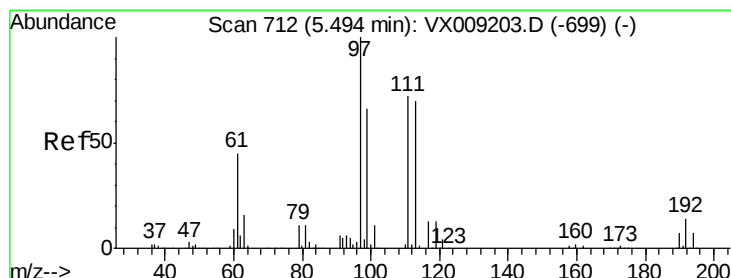
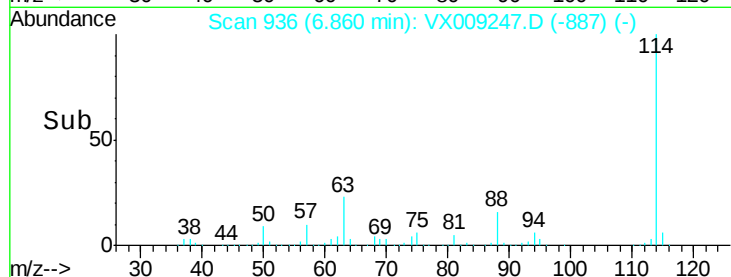
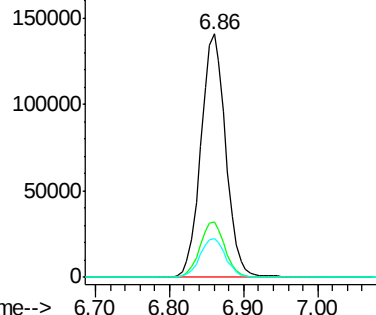
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009247.D
 Acq: 30 Apr 2019 15:41

Instrument :
 MSVOA_X
 ClientSampleId :
 SUMP-PIT

Tot Ion:114 Resp: 328914
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.6
 88 16.1 0.0 33.2

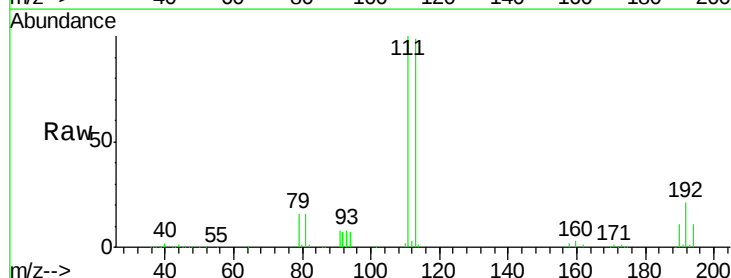


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

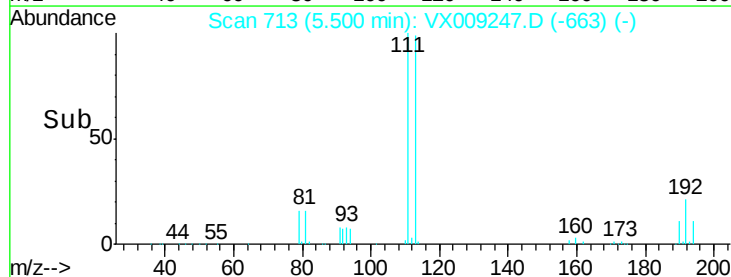
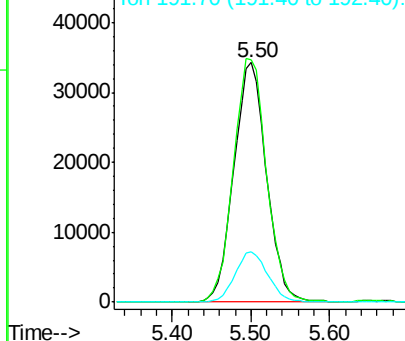


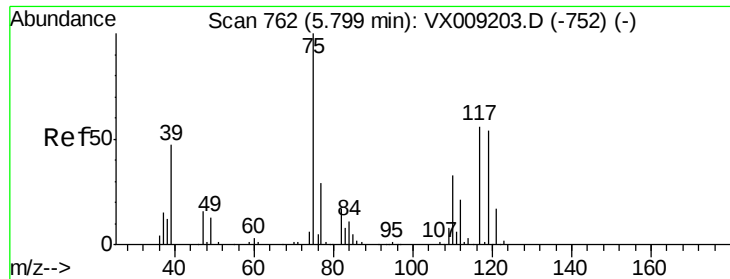
#35
 Dibromofluoromethane
 Concen: 47.678 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009247.D
 Acq: 30 Apr 2019 15:41

Tgt Ion:113 Resp: 98584
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.8 124.2
 192 21.1 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: 5.262 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX009247.D

Acq: 30 Apr 2019 15:41

Instrument :

MSVOA_X

ClientSampleId :

SUMP-PIT

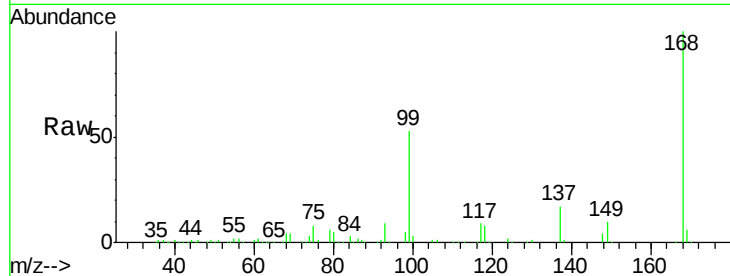
Tot Ion: 75 Resp: 16085

Ion Ratio Lower Upper

75 100

110 8.4 16.9 50.6#

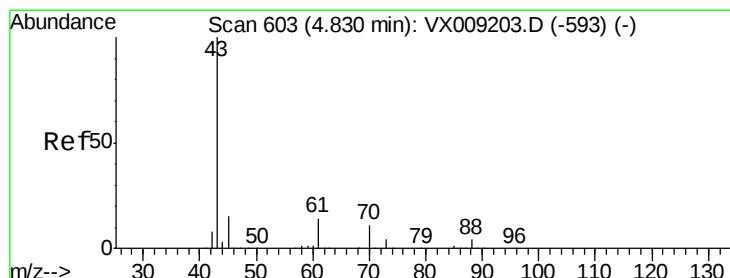
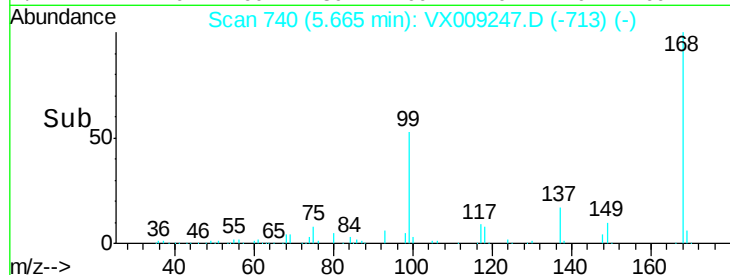
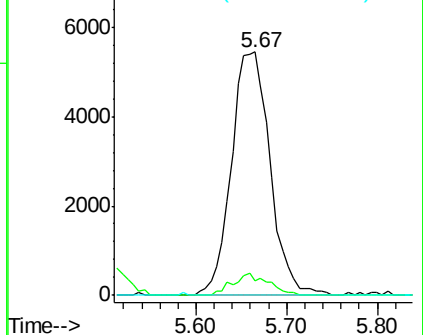
77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#37

Ethyl Acetate

Concen: 4.512 ug/l

RT: 4.91 min Scan# 616

Delta R.T. 0.08 min

Lab File: VX009247.D

Acq: 30 Apr 2019 15:41

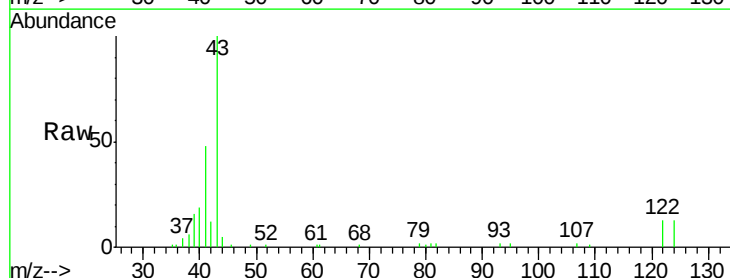
Tgt Ion: 43 Resp: 19214

Ion Ratio Lower Upper

43 100

61 0.4 10.5 15.7#

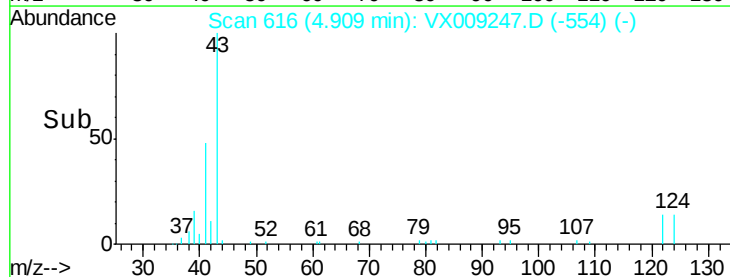
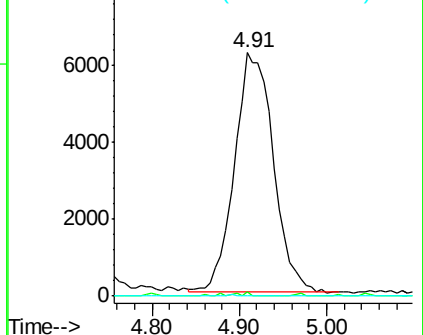
70 0.1 7.9 11.9#

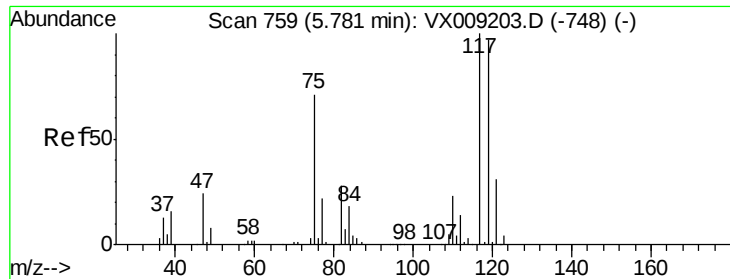


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 6.883 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX009247.D

Acq: 30 Apr 2019 15:41

Instrument :

MSVOA_X

ClientSampleId :

SUMP-PIT

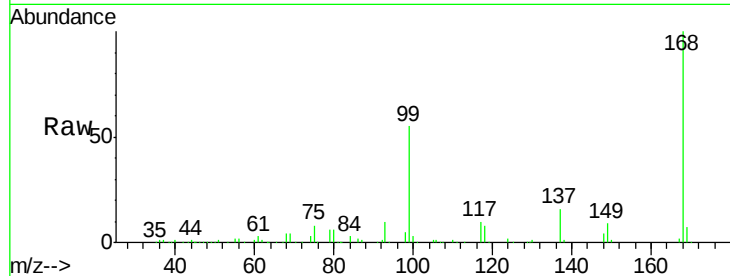
Tot Ion:117 Resp: 19114

Ion Ratio Lower Upper

117 100

119 3.0 77.5 116.3#

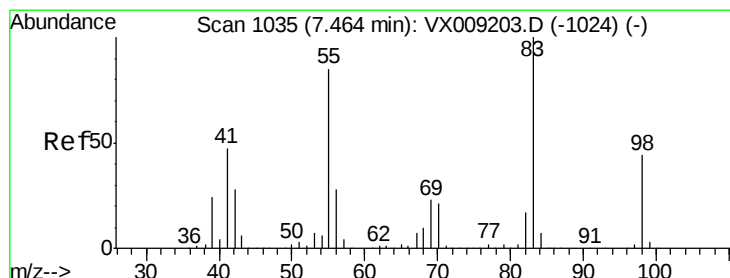
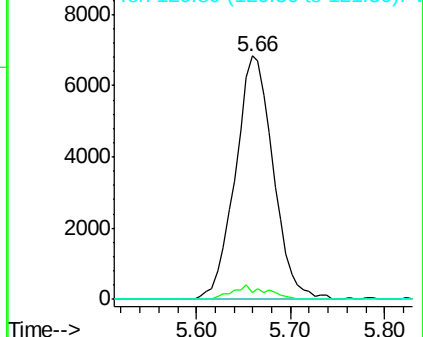
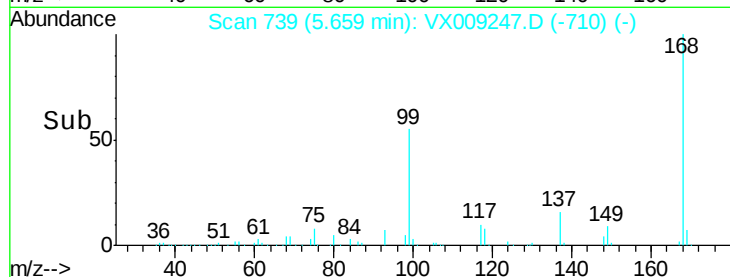
121 0.0 24.7 37.1#



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



#39

Methylcyclohexane

Concen: 0.790 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX009247.D

Acq: 30 Apr 2019 15:41

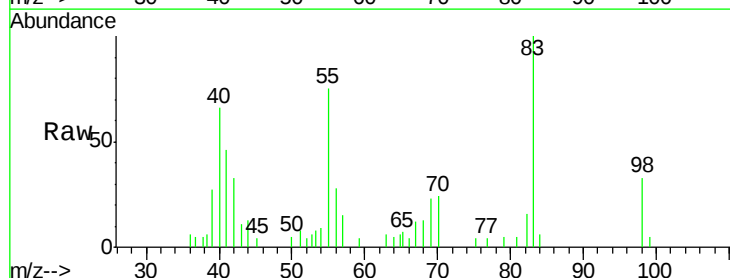
Tgt Ion: 83 Resp: 2967

Ion Ratio Lower Upper

83 100

55 74.6 67.7 101.5

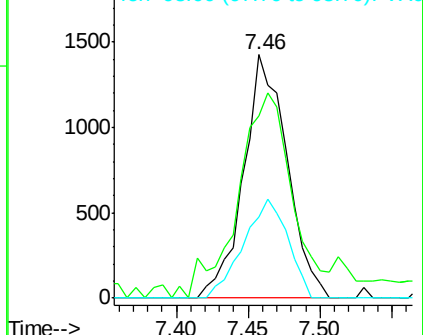
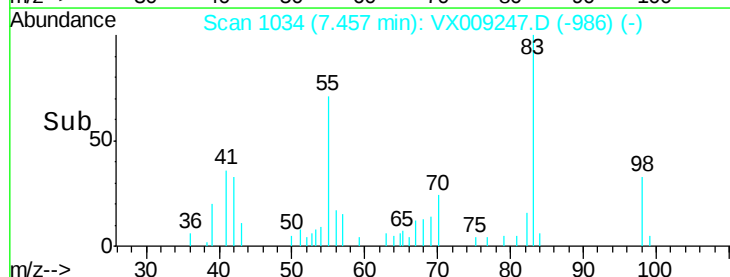
98 33.4 35.5 53.3#

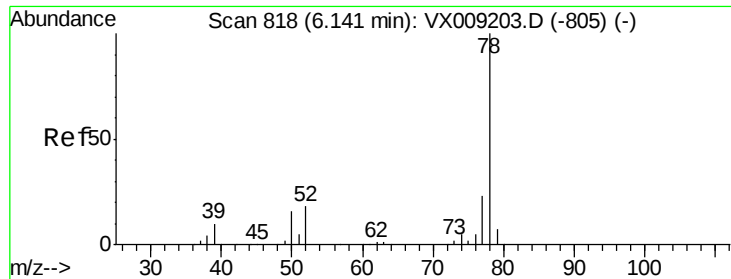


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 4.610 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX009247.D

Acq: 30 Apr 2019 15:41

Instrument :

MSVOA_X

ClientSampleId :

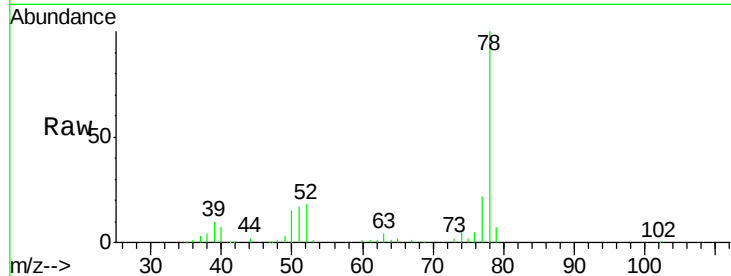
SUMP-PIT

Tot Ion: 78 Resp: 43614

Ion Ratio Lower Upper

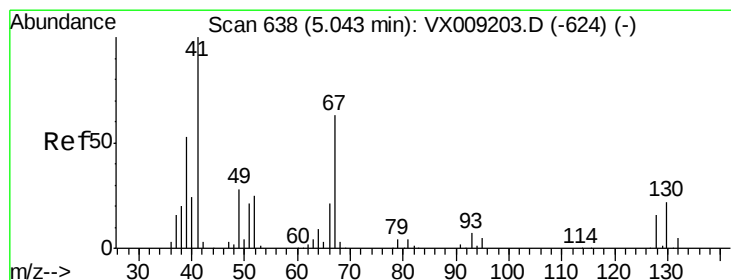
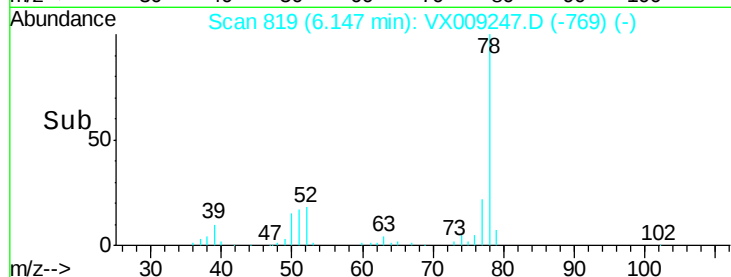
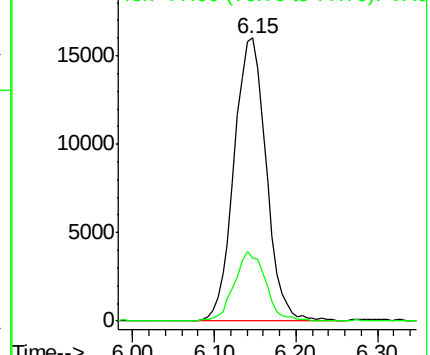
78 100

77 22.3 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 3.913 ug/l

RT: 4.92 min Scan# 617

Delta R.T. -0.13 min

Lab File: VX009247.D

Acq: 30 Apr 2019 15:41

Tgt Ion: 41 Resp: 9921

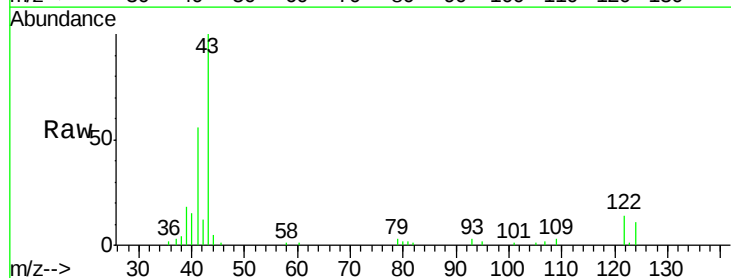
Ion Ratio Lower Upper

41 100

39 44.9 42.0 63.0

67 0.0 49.8 74.8#

52 0.2 20.3 30.5#

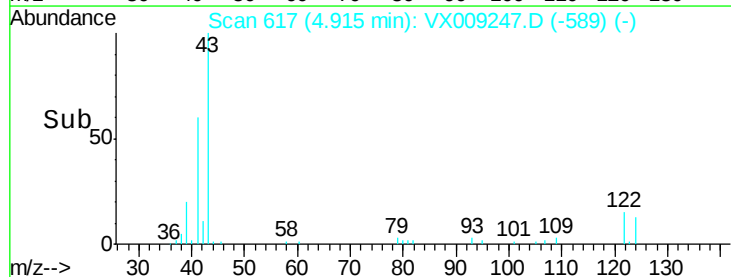
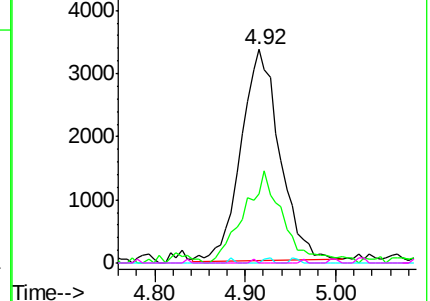


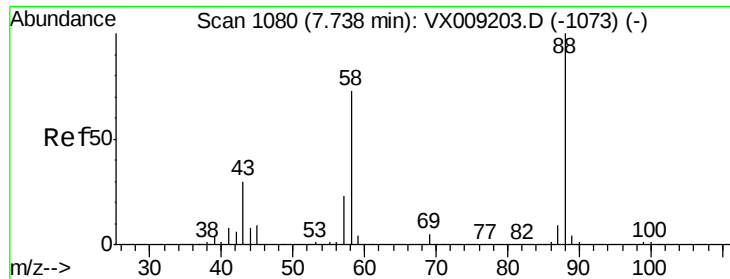
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

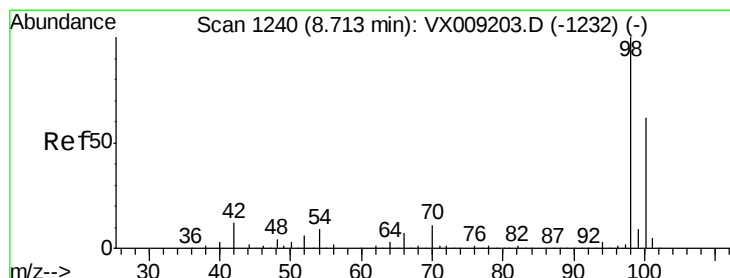
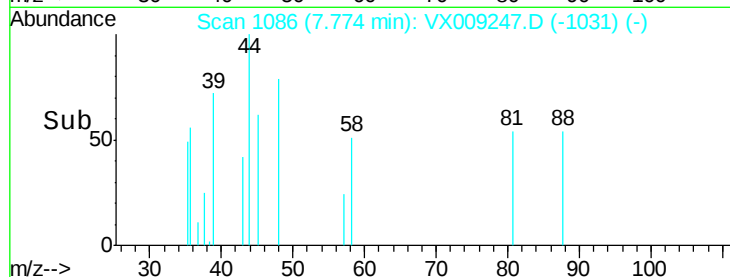
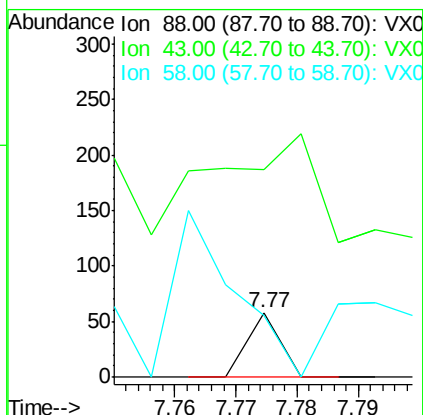
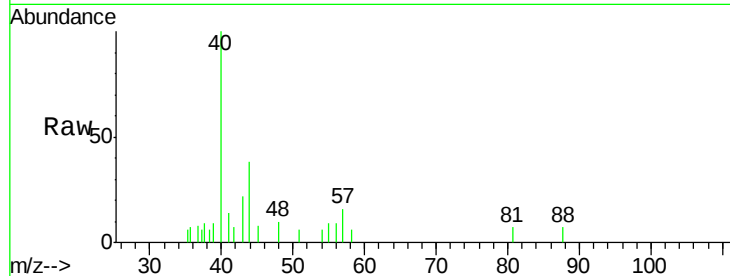




#49
1,4-Dioxane
Concen: 0.306 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.04 min
Lab File: VX009247.D
Acq: 30 Apr 2019 15:41

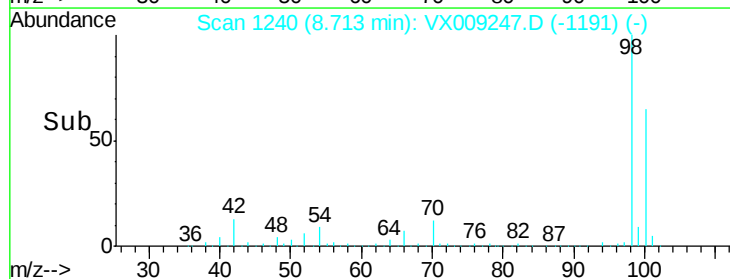
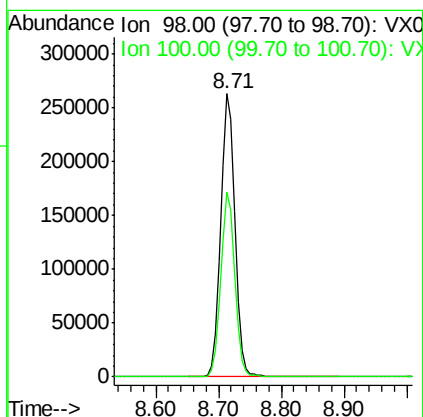
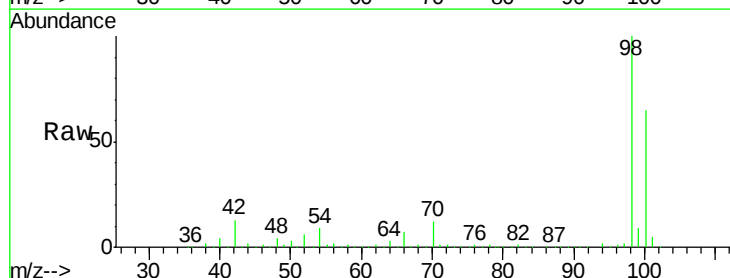
Instrument :
MSVOA_X
ClientSampleId :
SUMP-PIT

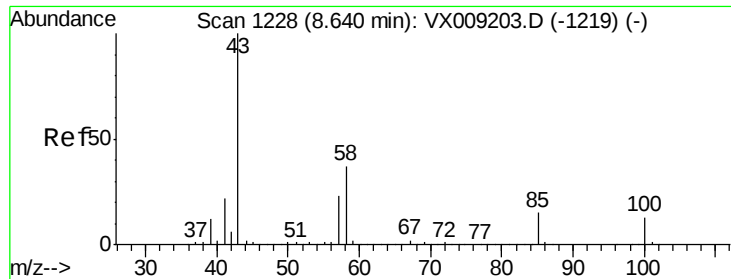
Tot Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
43 0.0 28.6 42.8#
58 500.0 61.7 92.5#



#50
Toluene-d8
Concen: 49.629 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009247.D
Acq: 30 Apr 2019 15:41

Tgt Ion: 98 Resp: 414293
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8

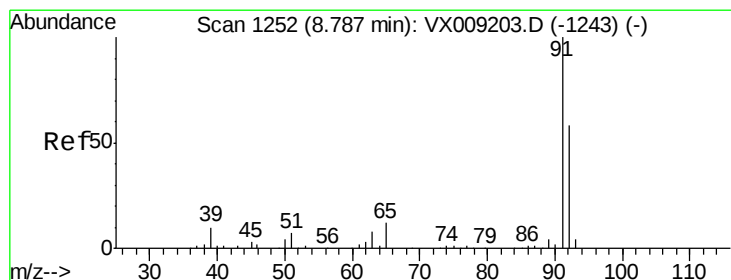
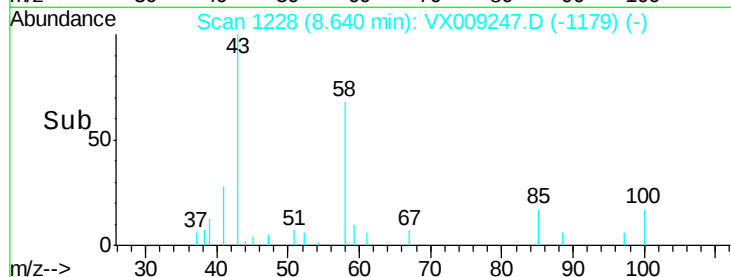
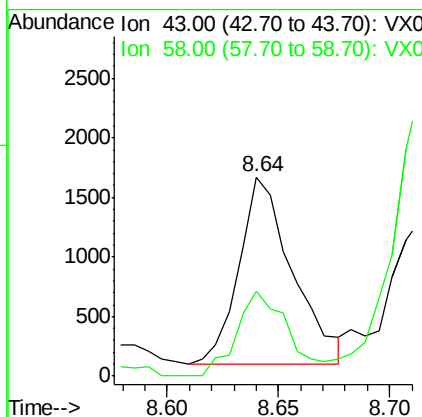
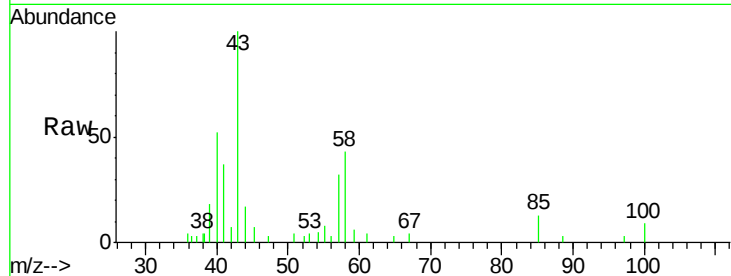




#51
4-Methyl-2-Pentanone
Concen: 0.588 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009247.D
Acq: 30 Apr 2019 15:41

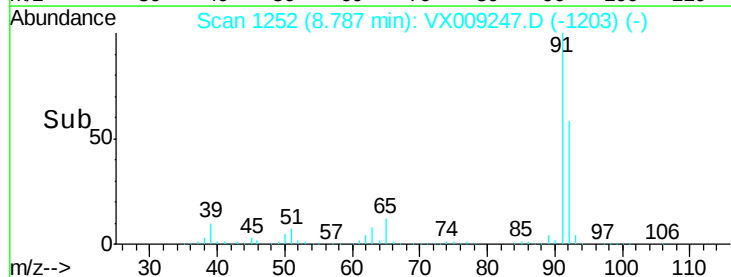
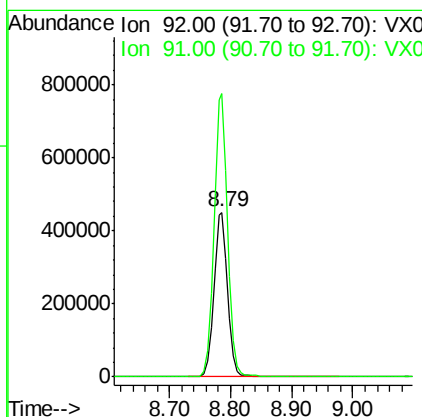
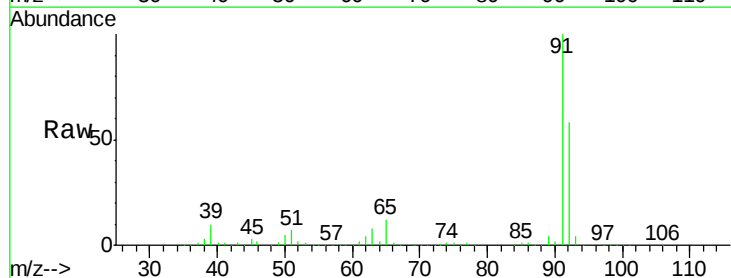
Instrument :
MSVOA_X
ClientSampleId :
SUMP-PIT

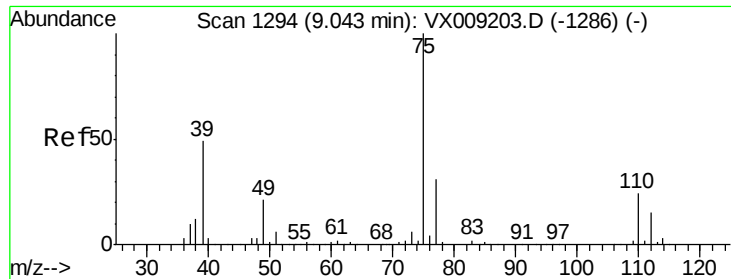
Tot Ion: 43 Resp: 2617
Ion Ratio Lower Upper
43 100
58 44.0 29.5 44.3



#52
Toluene
Concen: 124.661 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX009247.D
Acq: 30 Apr 2019 15:41

Tgt Ion: 92 Resp: 716844
Ion Ratio Lower Upper
92 100
91 172.6 138.8 208.2





#53

t-1,3-Dichloropropene

Concen: 2.379 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.26 min

Lab File: VX009247.D

Acq: 30 Apr 2019 15:41

Instrument :

MSVOA_X

ClientSampleId :

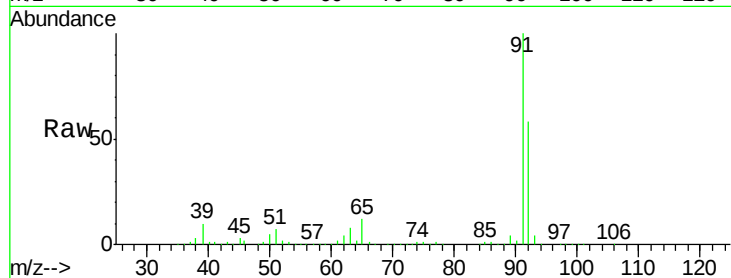
SUMP-PIT

Tot Ion: 75 Resp: 8335

Ion Ratio Lower Upper

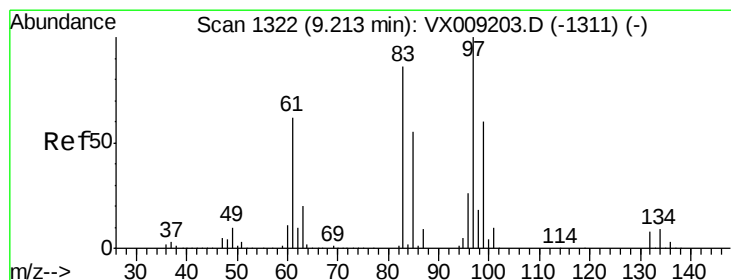
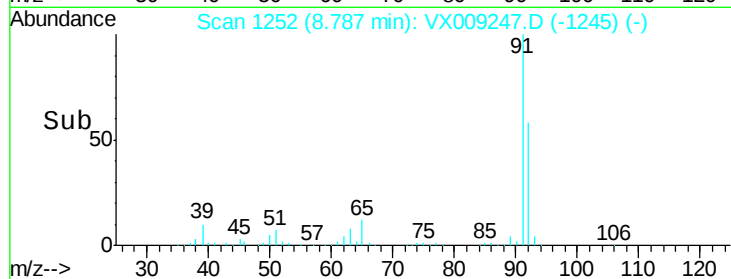
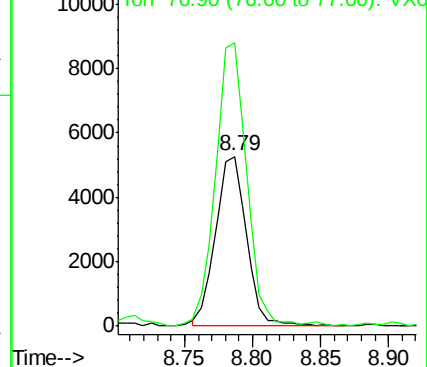
75 100

77 165.6 25.0 37.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#55

1,1,2-Trichloroethane

Concen: 0.227 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.05 min

Lab File: VX009247.D

Acq: 30 Apr 2019 15:41

Tgt Ion: 97 Resp: 532

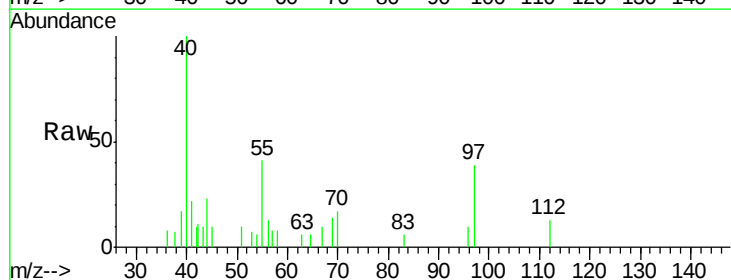
Ion Ratio Lower Upper

97 100

83 16.6 68.9 103.3#

85 0.0 43.8 65.6#

99 0.0 48.2 72.2#

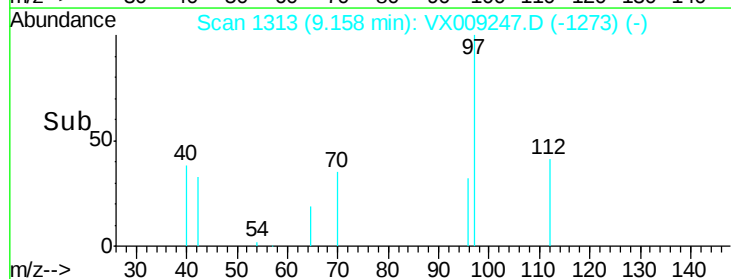
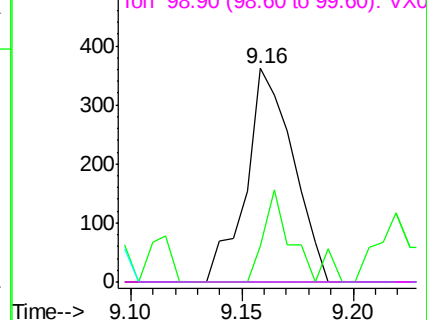


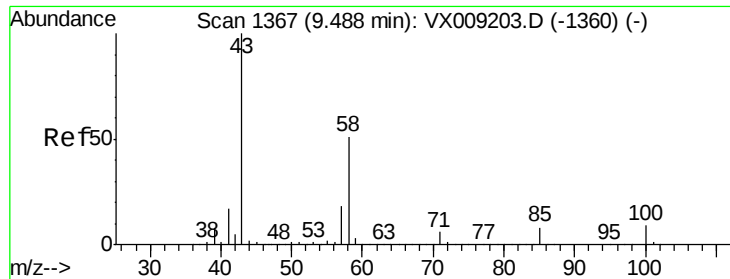
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

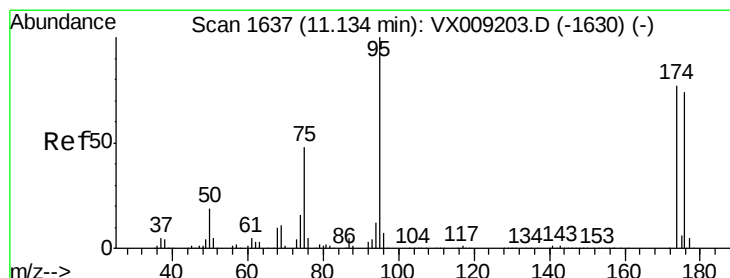
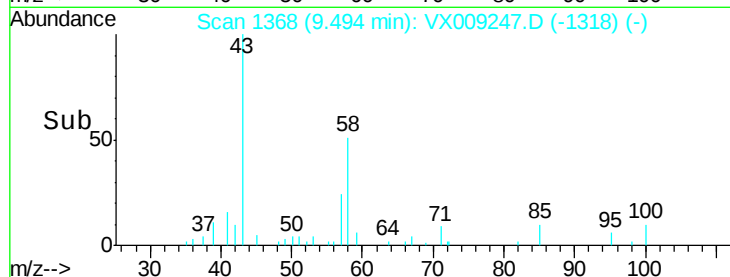
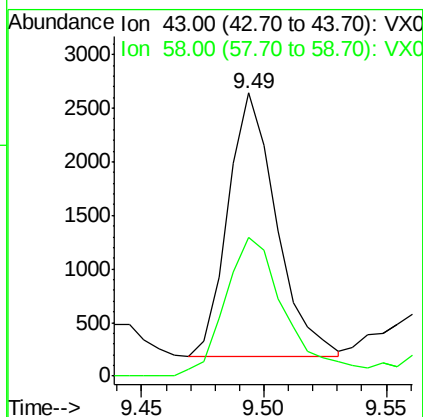
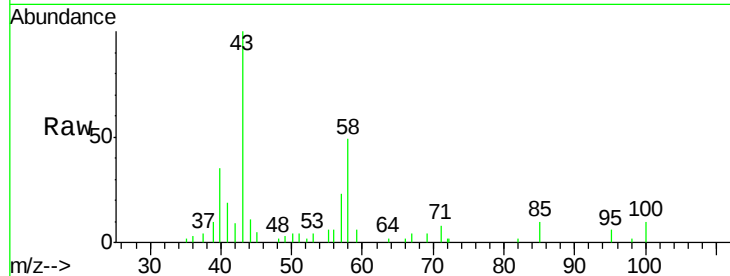




#59
2-Hexanone
Concen: 0.967 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX009247.D
Acq: 30 Apr 2019 15:41

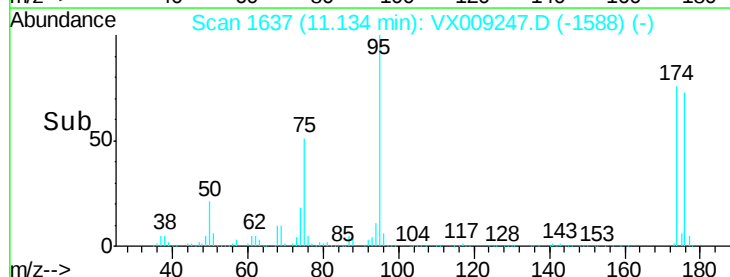
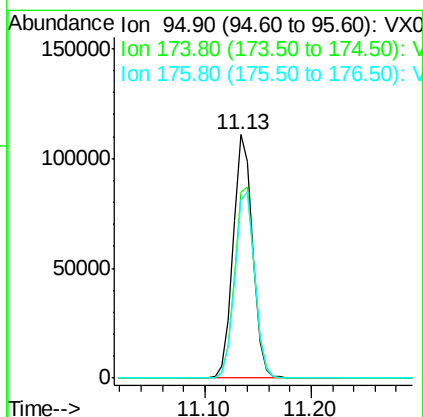
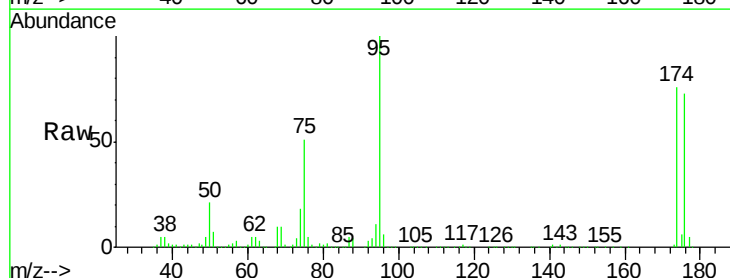
Instrument :
MSVOA_X
ClientSampleId :
SUMP-PIT

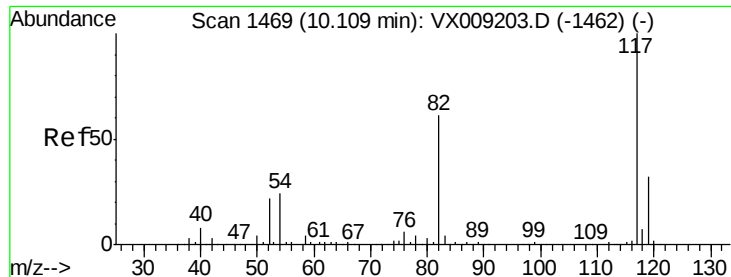
Tot Ion: 43 Resp: 3380
Ion Ratio Lower Upper
43 100
58 65.6 25.9 77.7



#62
4-Bromofluorobenzene
Concen: 46.932 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009247.D
Acq: 30 Apr 2019 15:41

Tgt Ion: 95 Resp: 142358
Ion Ratio Lower Upper
95 100
174 80.8 0.0 161.6
176 78.3 0.0 159.2

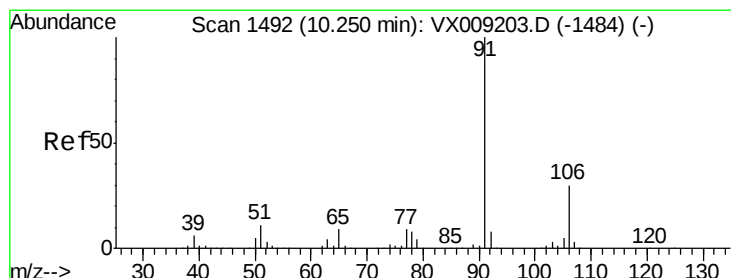
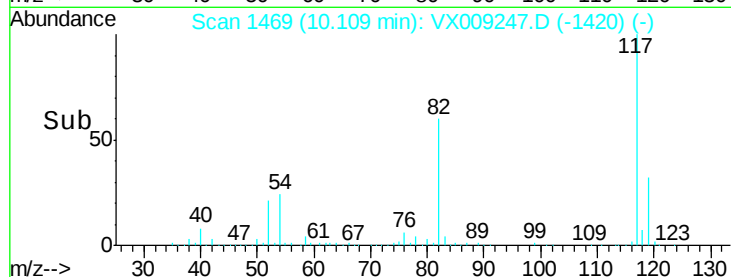
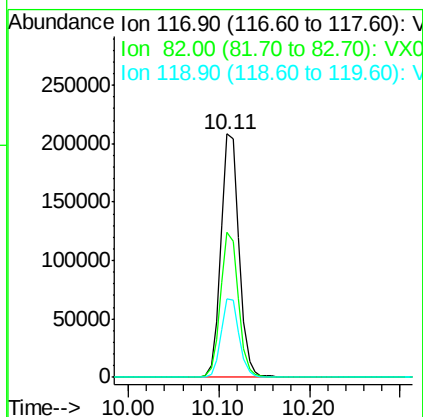
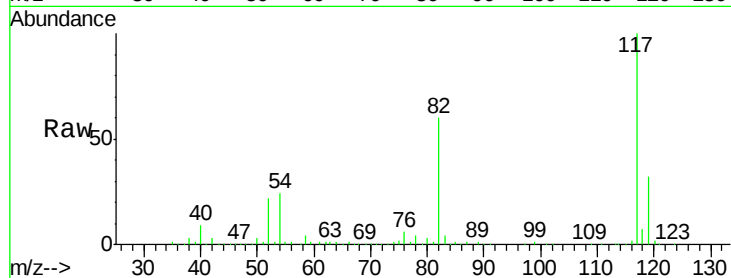




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009247.D
Acq: 30 Apr 2019 15:41

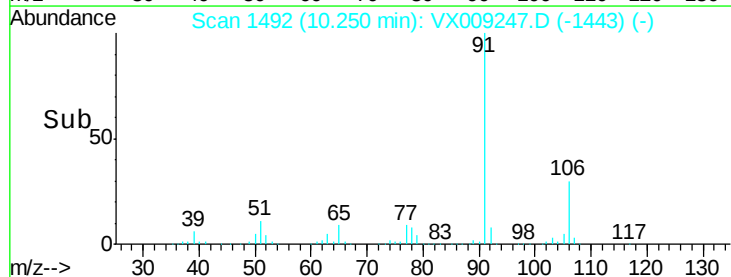
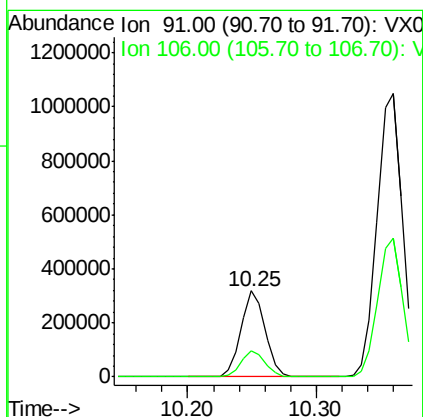
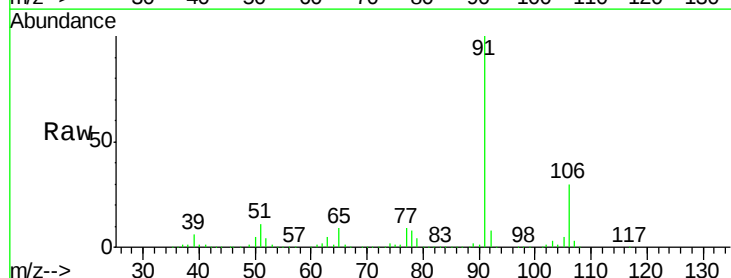
Instrument :
MSVOA_X
ClientSampleId :
SUMP-PIT

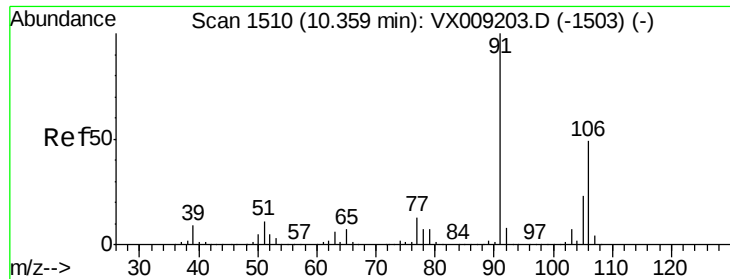
Tot Ion:117 Resp: 290953
Ion Ratio Lower Upper
117 100
82 59.6 48.8 73.2
119 32.2 25.8 38.6



#67
Ethyl Benzene
Concen: 38.625 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009247.D
Acq: 30 Apr 2019 15:41

Tgt Ion: 91 Resp: 413735
Ion Ratio Lower Upper
91 100
106 29.7 24.0 36.0

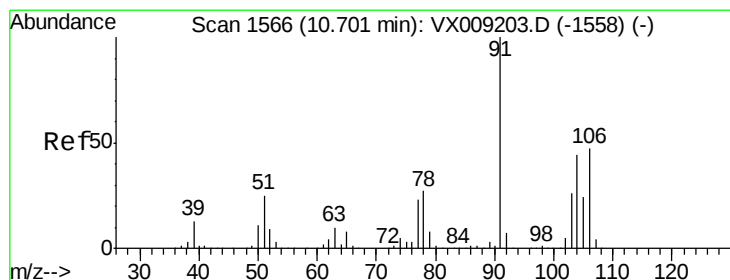
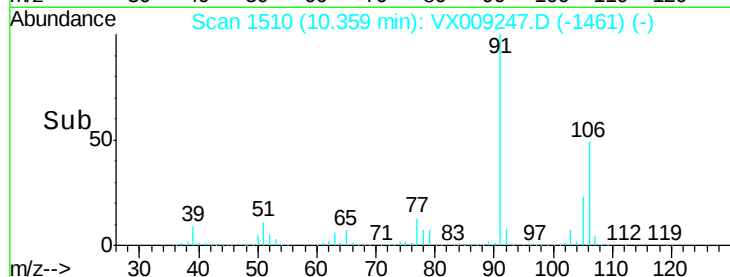
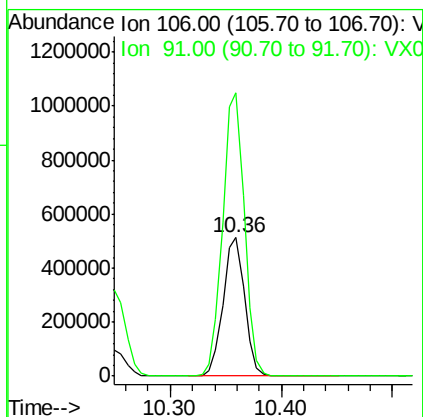
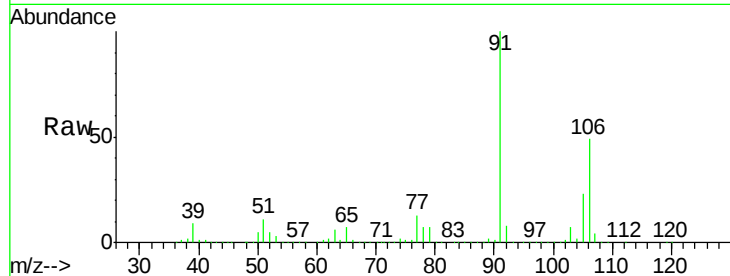




#68
m/p-Xylenes
Concen: 175.276 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009247.D
Acq: 30 Apr 2019 15:41

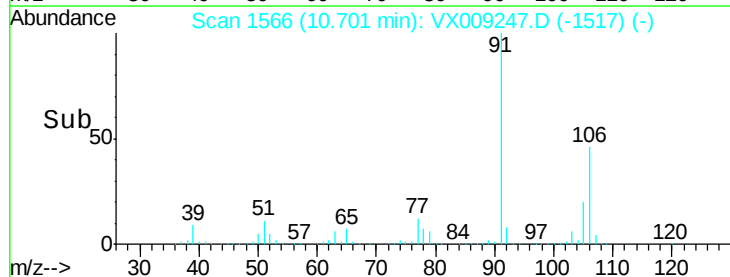
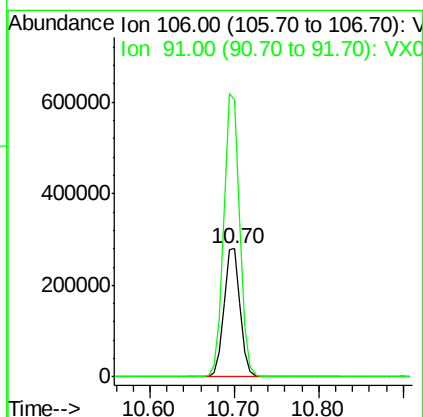
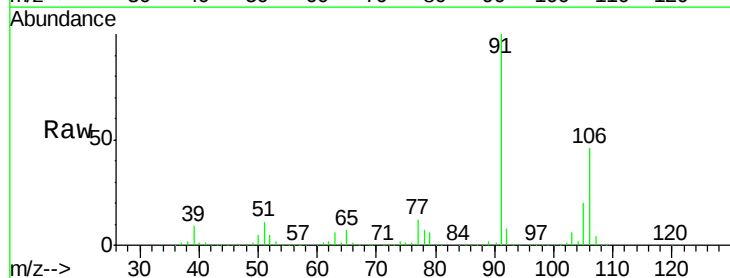
Instrument :
MSVOA_X
ClientSampleId :
SUMP-PIT

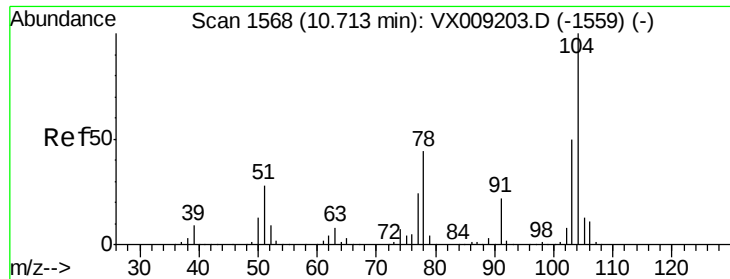
Tot Ion:106 Resp: 686099
Ion Ratio Lower Upper
106 100
91 207.3 164.0 246.0



#69
o-Xylene
Concen: 96.311 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX009247.D
Acq: 30 Apr 2019 15:41

Tgt Ion:106 Resp: 371966
Ion Ratio Lower Upper
106 100
91 218.9 109.5 328.4





#70

Stvrene

Concen: 2.901 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VX009247.D

Acq: 30 Apr 2019 15:41

Instrument :

MSVOA_X

ClientSampleId :

SUMP-PIT

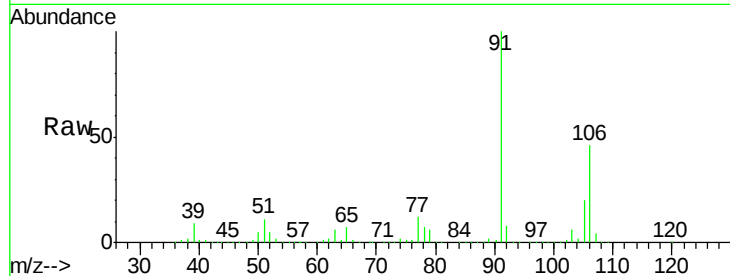
Tot Ion:104 Resp: 19471

Ion Ratio Lower Upper

104 100

78 282.5 41.0 61.4#

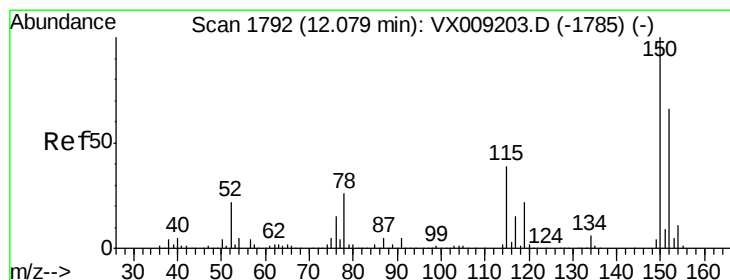
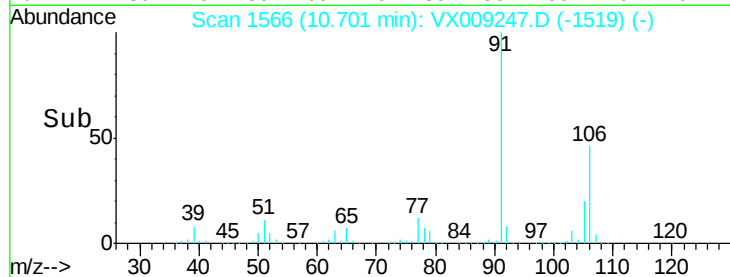
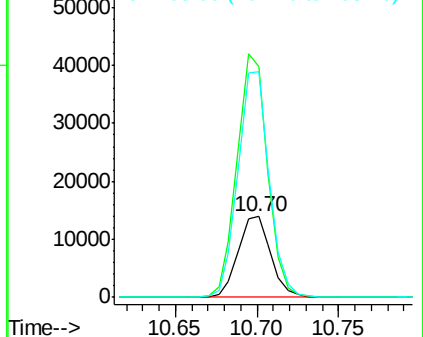
103 267.2 43.8 65.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009247.D

Acq: 30 Apr 2019 15:41

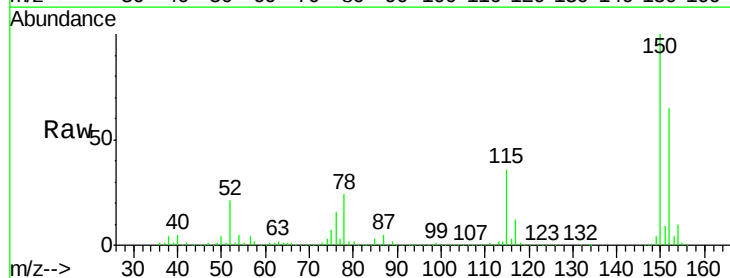
Tgt Ion:152 Resp: 132443

Ion Ratio Lower Upper

152 100

115 58.8 41.2 123.6

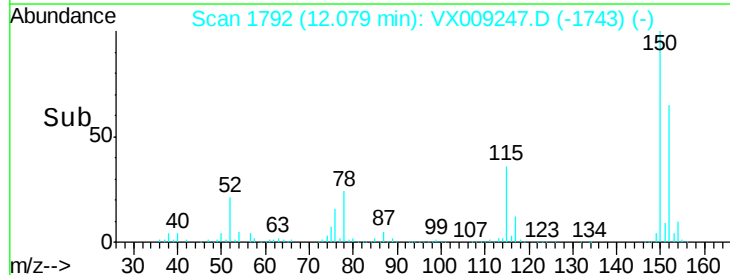
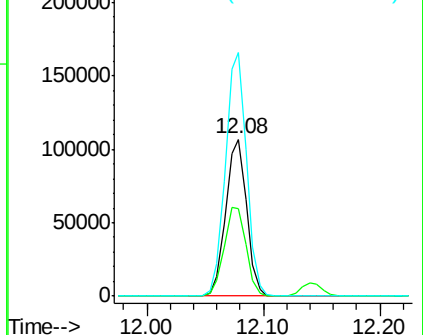
150 156.4 0.0 346.4

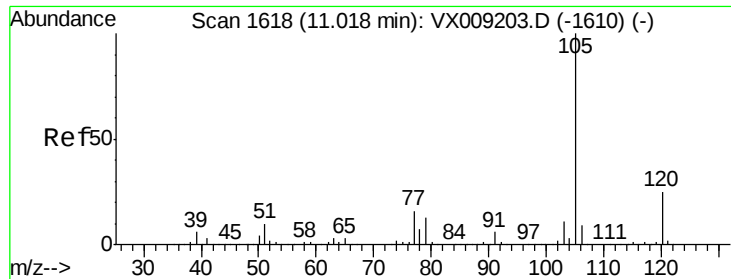


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.840 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009247.D

Acq: 30 Apr 2019 15:41

Instrument :

MSVOA_X

ClientSampleId :

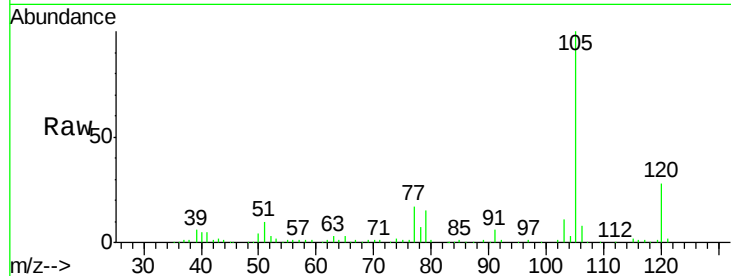
SUMP-PIT

Tot Ion:105 Resp: 27352

Ion Ratio Lower Upper

105 100

120 26.3 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

25000

20000

15000

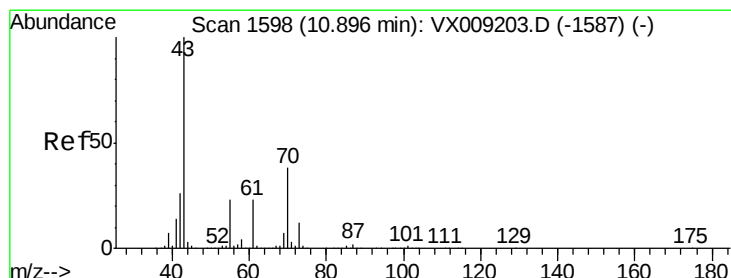
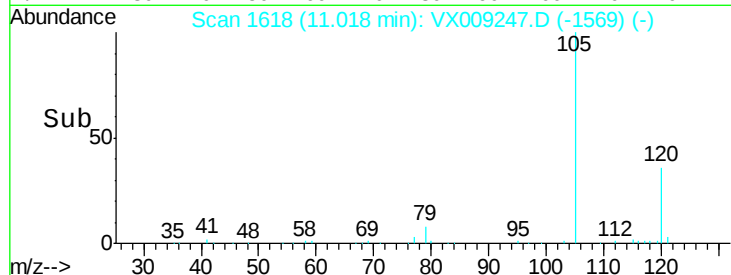
10000

5000

0

Time-->

10.95 11.00 11.05



#74

N-ethyl acetate

Concen: 0.545 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX009247.D

Acq: 30 Apr 2019 15:41

Tgt Ion: 43 Resp: 3060

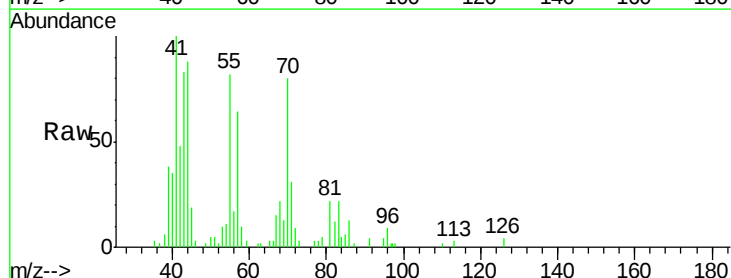
Ion Ratio Lower Upper

43 100

70 118.5 30.0 45.0#

55 113.8 17.9 26.9#

61 0.0 18.4 27.6#



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

3000

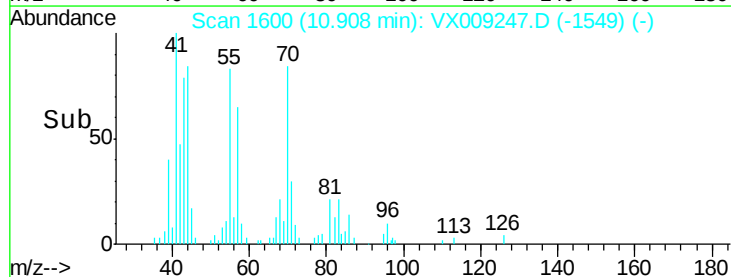
2000

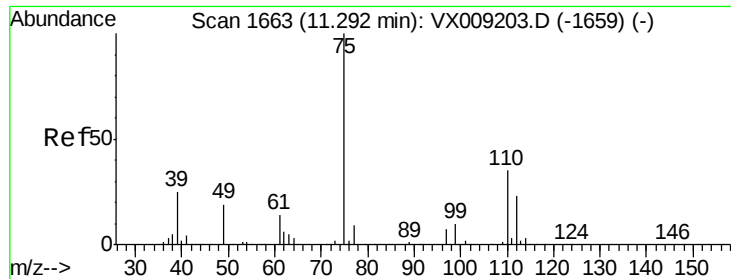
1000

0

Time-->

10.90 10.95

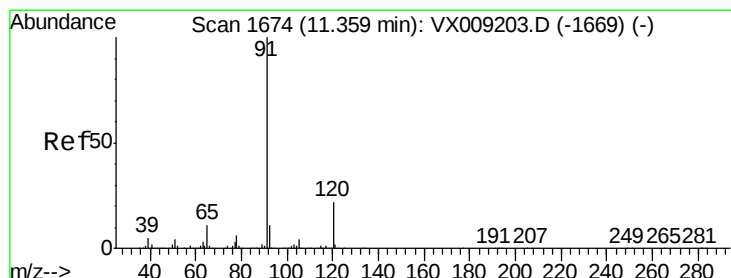
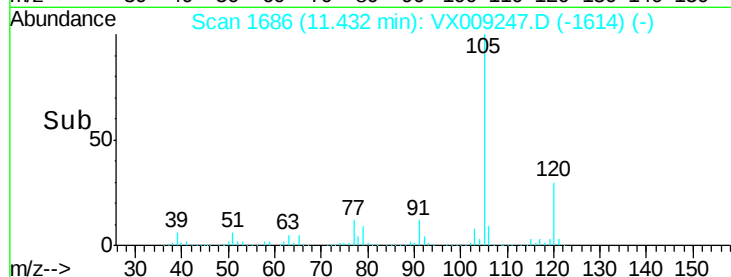
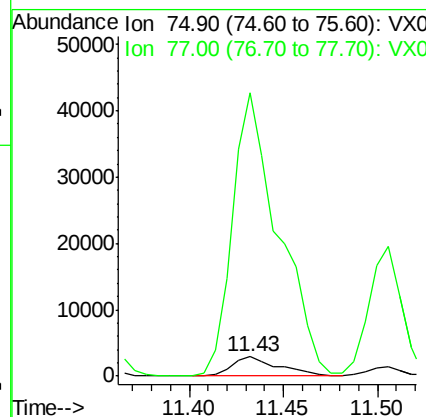
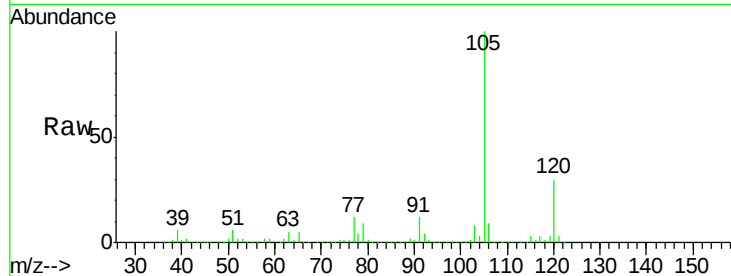




#76
 1,2,3-Trichloropropane
 Concen: 1.681 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.14 min
 Lab File: VX009247.D
 Acq: 30 Apr 2019 15:41

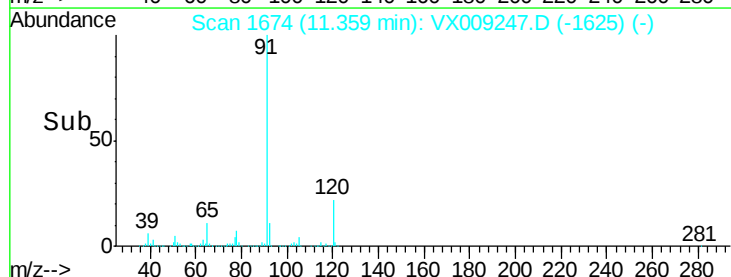
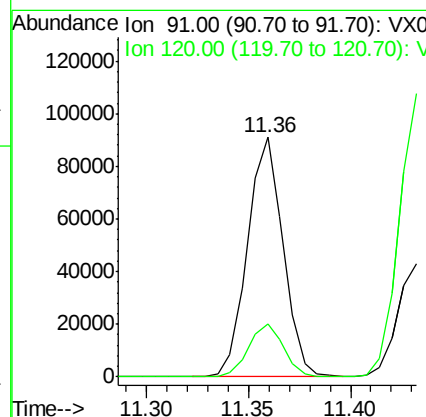
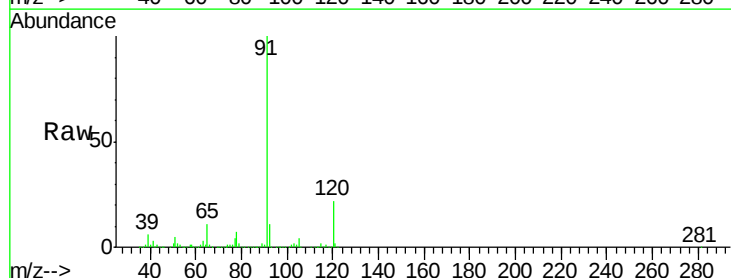
Instrument :
 MSVOA_X
 ClientSampleId :
 SUMP-PIT

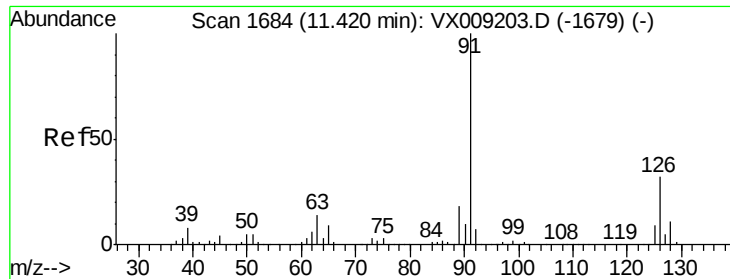
Tot Ion: 75 Resp: 5164
 Ion Ratio Lower Upper
 75 100
 77 1407.0 22.1 66.1#



#78
 n-propylbenzene
 Concen: 10.048 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VX009247.D
 Acq: 30 Apr 2019 15:41

Tgt Ion: 91 Resp: 110515
 Ion Ratio Lower Upper
 91 100
 120 22.0 11.0 33.0

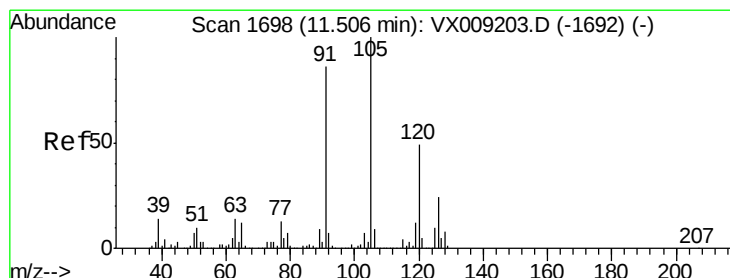
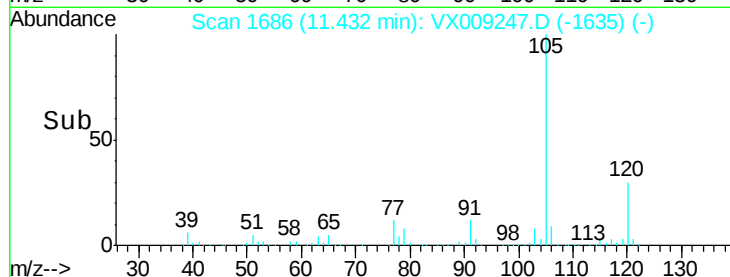
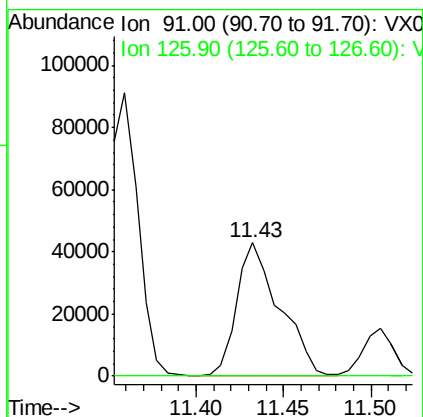
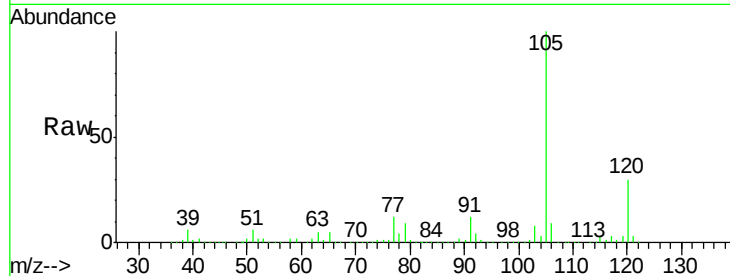




#79
 2-Chlorotoluene
 Concen: 10.779 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.01 min
 Lab File: VX009247.D
 Acq: 30 Apr 2019 15:41

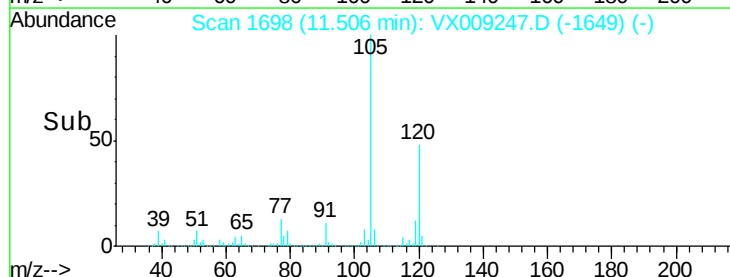
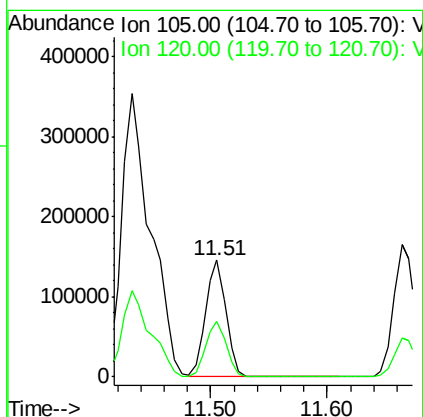
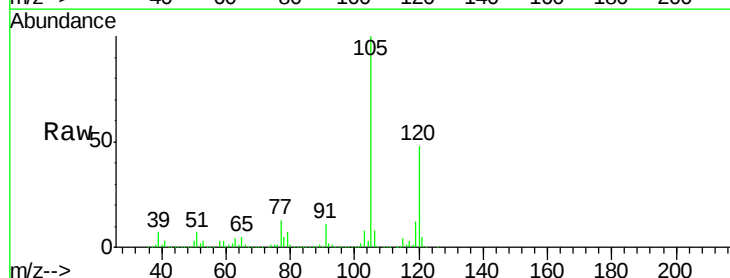
Instrument :
 MSVOA_X
 ClientSampleId :
 SUMP-PIT

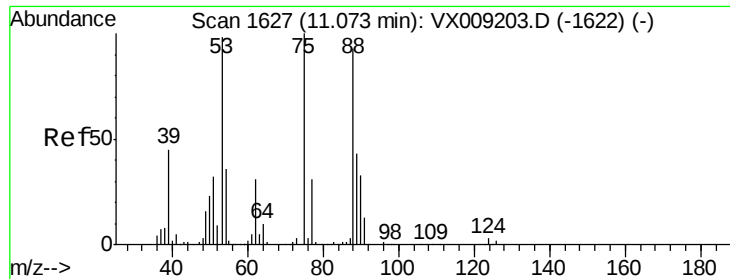
Tot Ion: 91 Resp: 73147
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.3 48.9#



#80
 1,3,5-Trimethylbenzene
 Concen: 21.665 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009247.D
 Acq: 30 Apr 2019 15:41

Tgt Ion:105 Resp: 175689
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.3 72.9

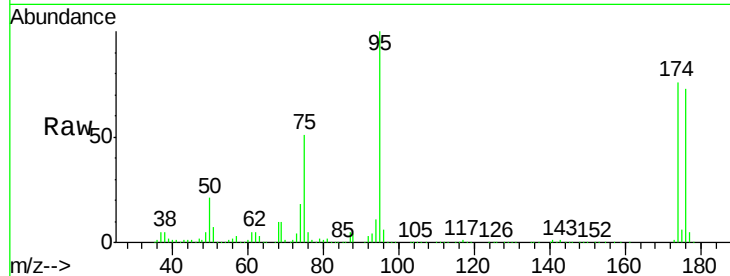




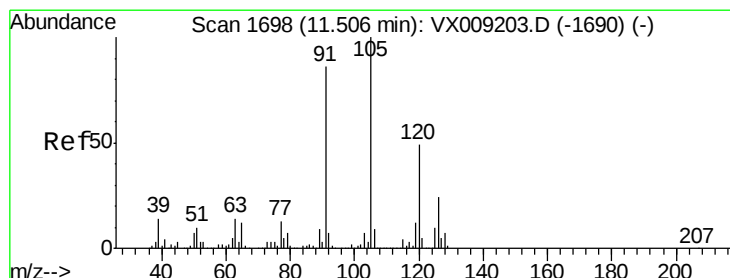
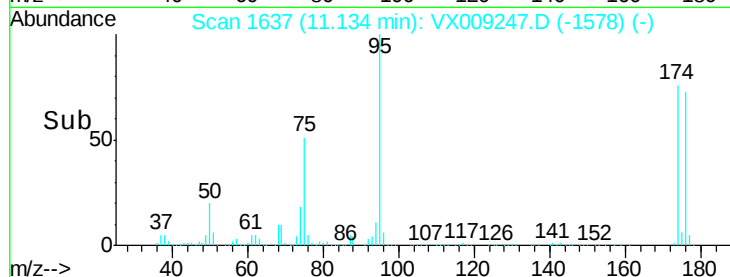
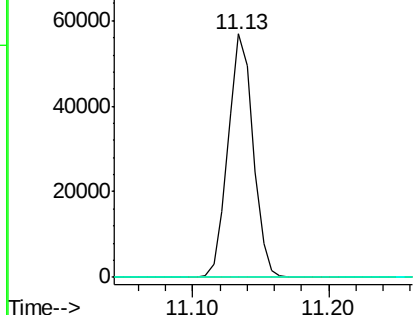
#81
trans-1,4-Dichloro-2-butene
Concen: 60.656 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009247.D
Acq: 30 Apr 2019 15:41

Instrument :
MSVOA_X
ClientSampleId :
SUMP-PIT

Tot Ion: 75 Resp: 72831
Ion Ratio Lower Upper
75 100
53 0.1 79.0 118.6#
89 0.0 34.7 52.1#

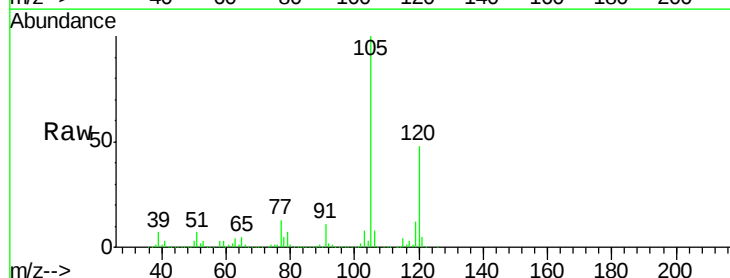


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

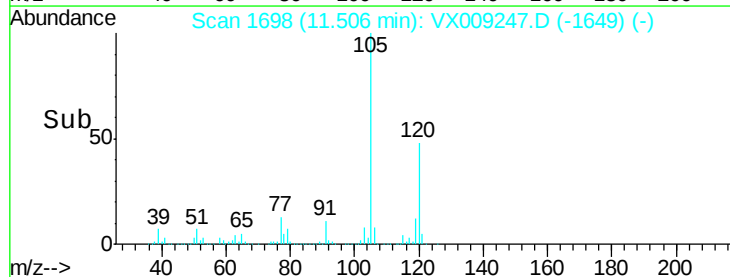
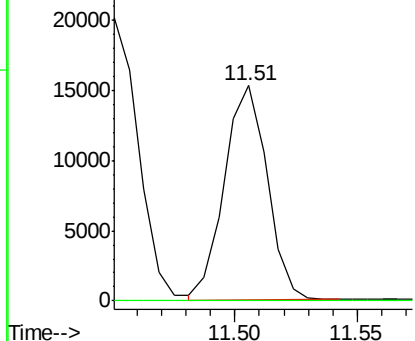


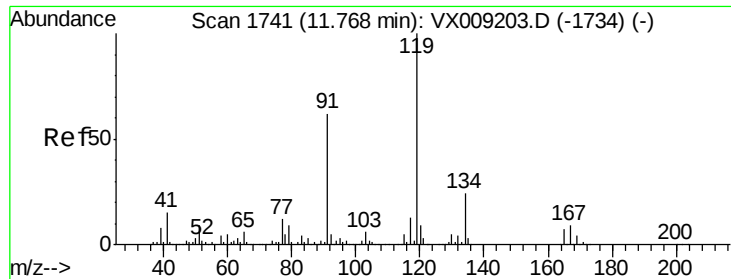
#82
4-Chlorotoluene
Concen: 2.419 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX009247.D
Acq: 30 Apr 2019 15:41

Tgt Ion: 91 Resp: 18548
Ion Ratio Lower Upper
91 100
126 0.1 14.5 43.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

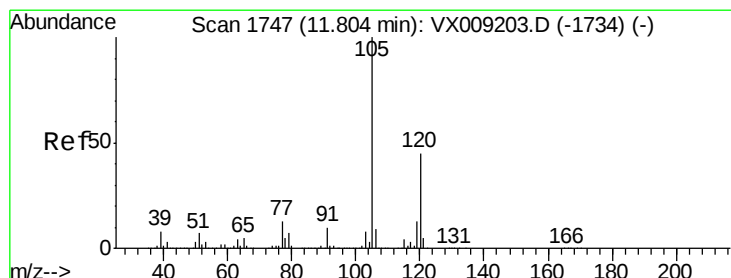
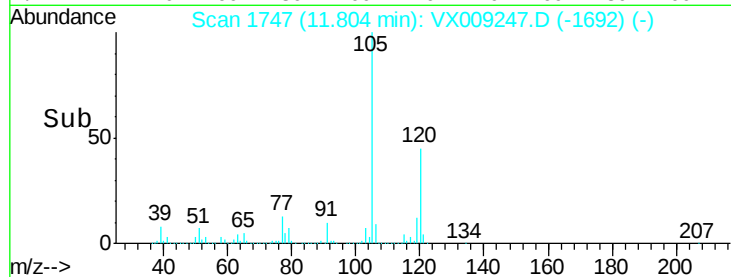
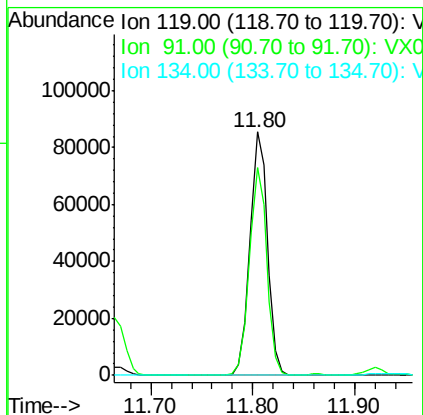
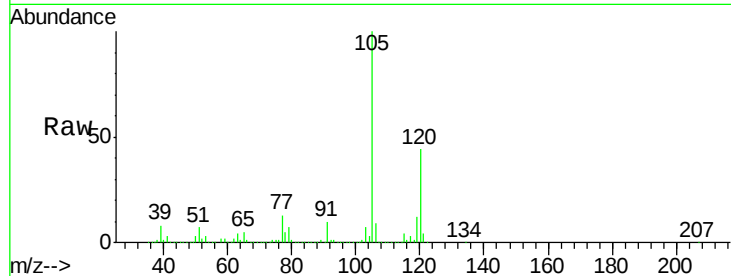




#83
 tert-Butylbenzene
 Concen: 13.133 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.04 min
 Lab File: VX009247.D
 Acq: 30 Apr 2019 15:41

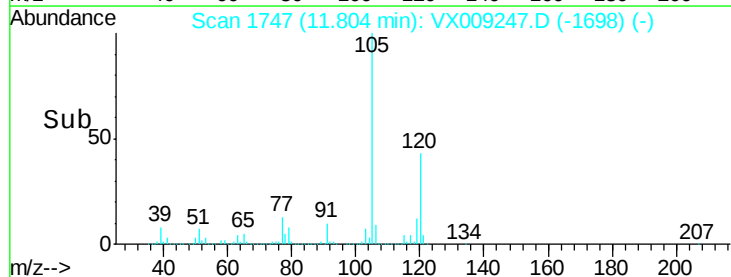
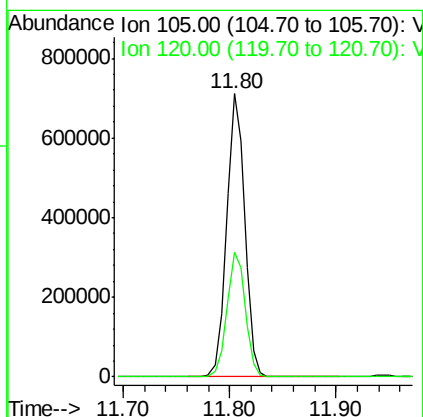
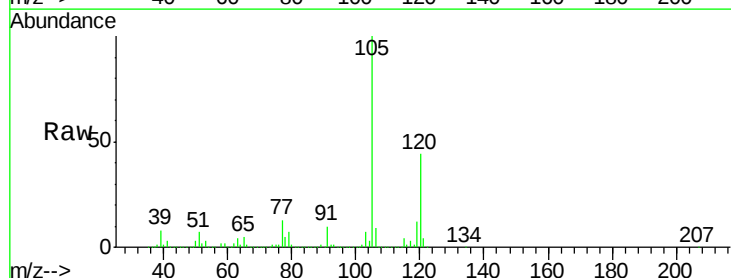
Instrument :
 MSVOA_X
 ClientSampleId :
 SUMP-PIT

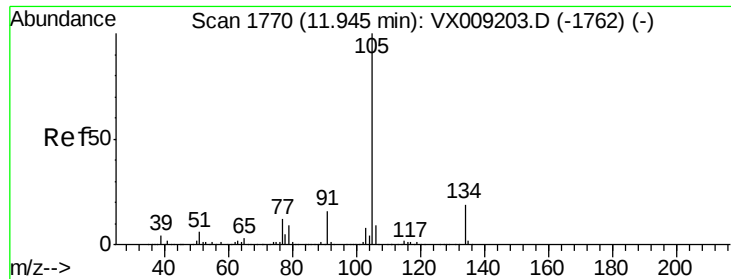
Tot Ion:119 Resp: 103605
 Ion Ratio Lower Upper
 119 100
 91 83.9 29.5 88.5
 134 0.0 11.4 34.1#



#84
 1,2,4-Trimethylbenzene
 Concen: 103.925 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009247.D
 Acq: 30 Apr 2019 15:41

Tgt Ion:105 Resp: 845932
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.0 66.0

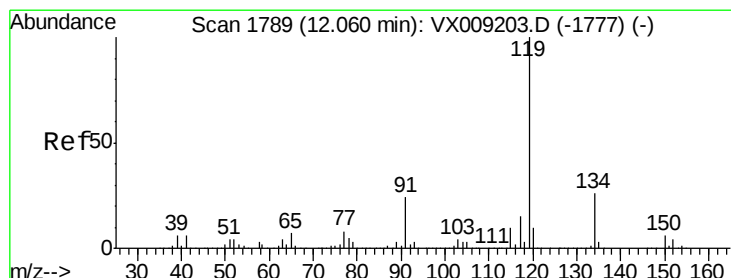
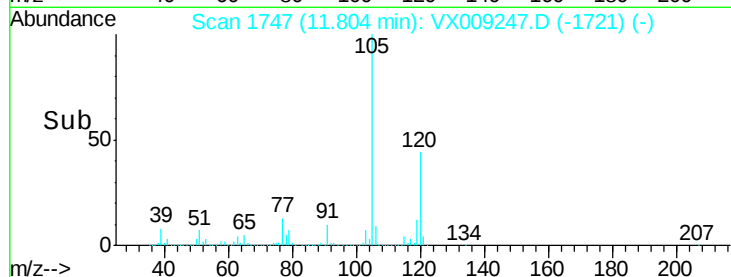
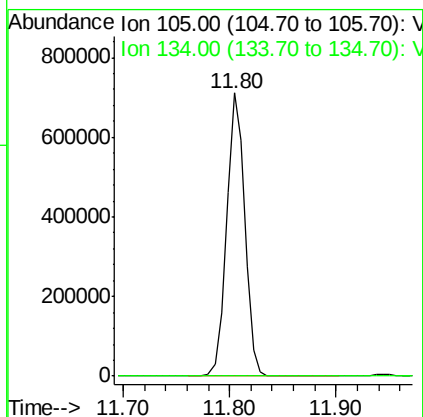
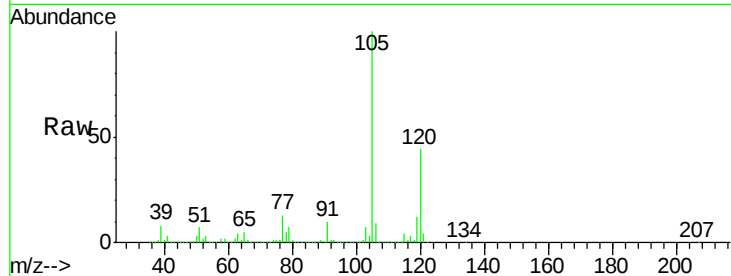




#85
 sec-Butylbenzene
 Concen: 90.447 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.14 min
 Lab File: VX009247.D
 Acq: 30 Apr 2019 15:41

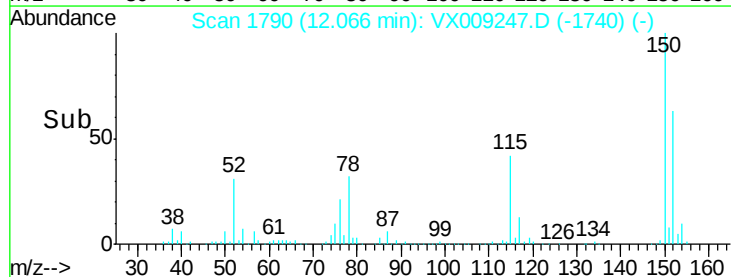
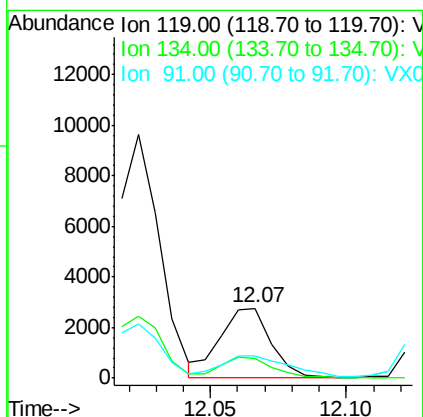
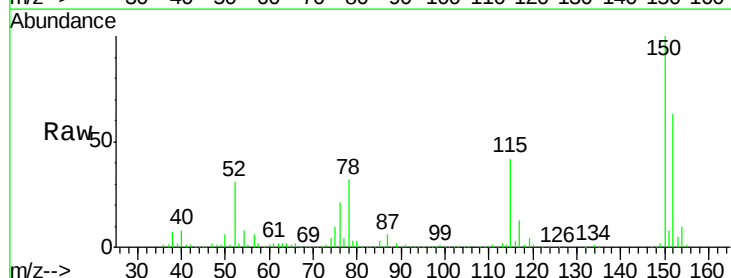
Instrument :
 MSVOA_X
 ClientSampleId :
 SUMP-PIT

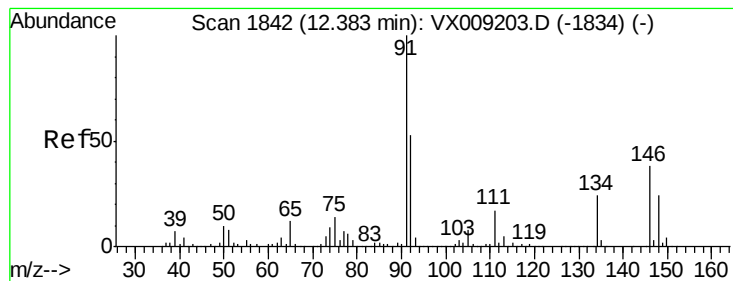
Tot Ion:105 Resp: 845932
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 28.9#



#86
 p-Isopropyltoluene
 Concen: 0.431 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VX009247.D
 Acq: 30 Apr 2019 15:41

Tgt Ion:119 Resp: 3626
 Ion Ratio Lower Upper
 119 100
 134 31.1 12.9 38.7
 91 0.0 11.8 35.4#





#89

n-Butylbenzene

Concen: 3.068 ug/l

RT: 12.38 min Scan# 1841

Delta R.T. -0.01 min

Lab File: VX009247.D

Acq: 30 Apr 2019 15:41

Instrument :

MSVOA_X

ClientSampleId :

SUMP-PIT

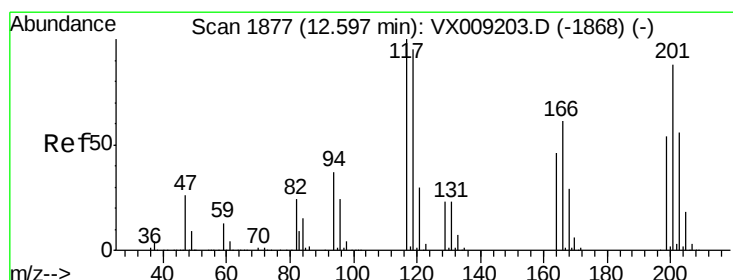
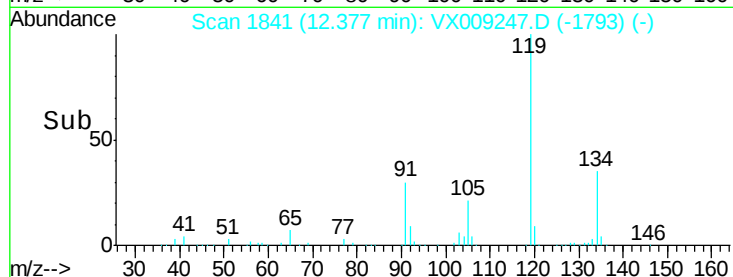
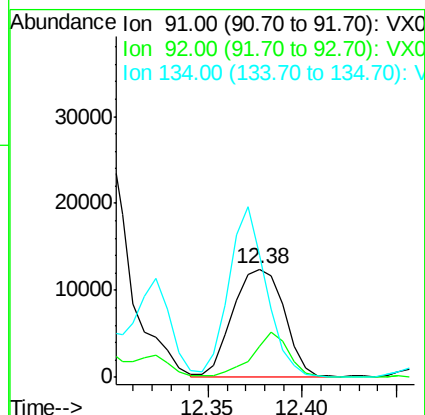
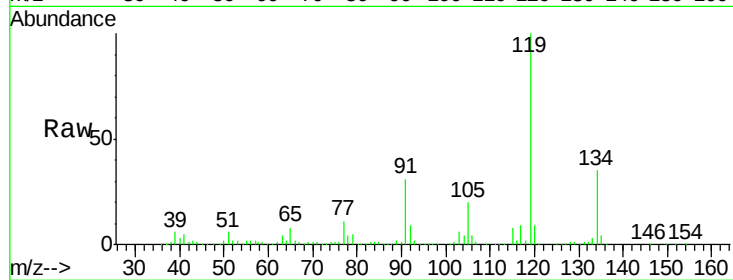
Tot Ion: 91 Resp: 23313

Ion Ratio Lower Upper

91 100

92 30.5 26.5 79.5

134 116.4 12.4 37.2#



#90

Hexachloroethane

Concen: 3.506 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX009247.D

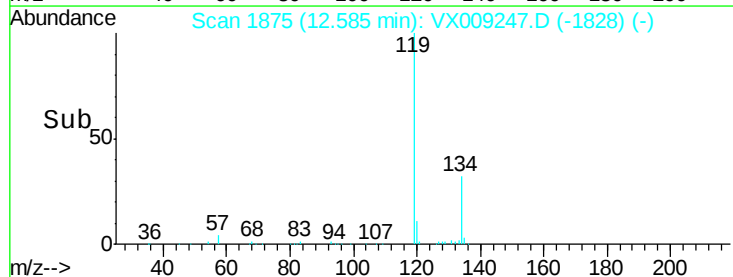
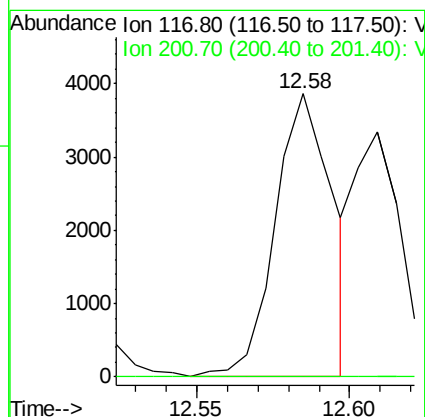
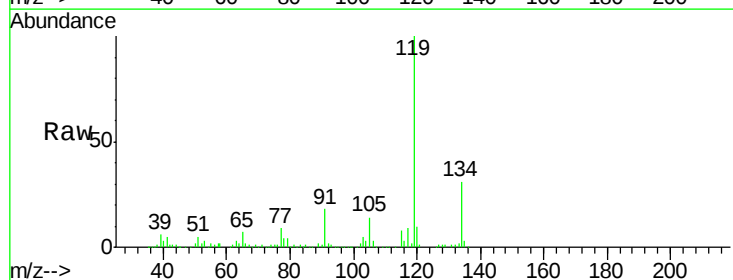
Acq: 30 Apr 2019 15:41

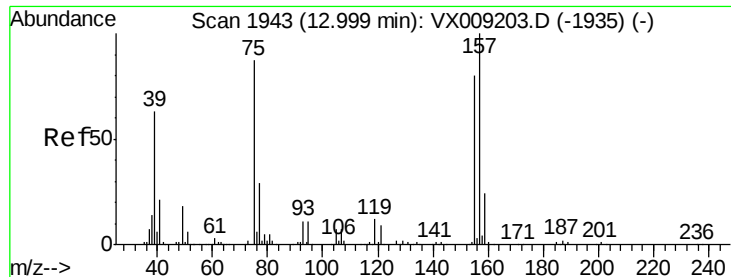
Tgt Ion: 117 Resp: 5022

Ion Ratio Lower Upper

117 100

201 0.0 42.3 126.9#

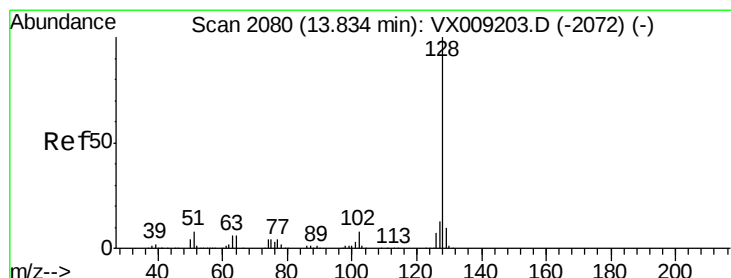
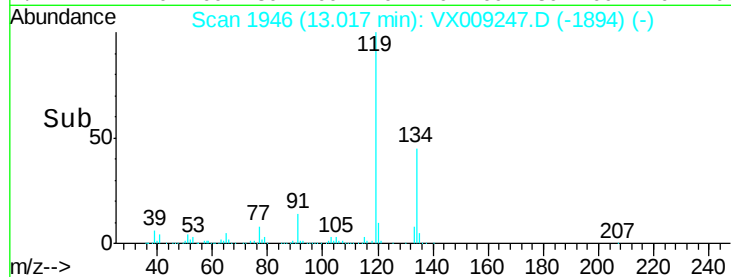
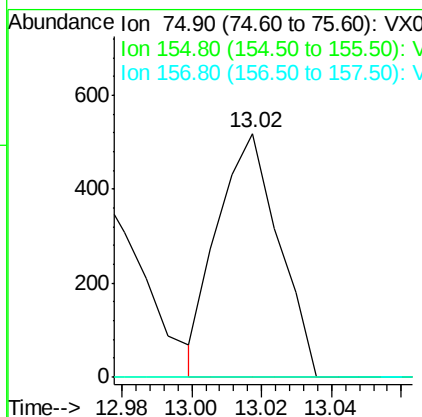
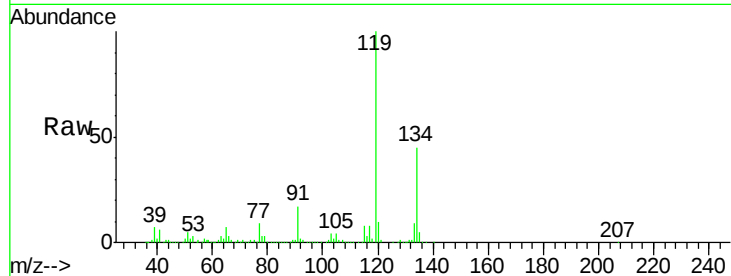




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.781 ug/l
 RT: 13.02 min Scan# 1946
 Delta R.T. 0.02 min
 Lab File: VX009247.D
 Acq: 30 Apr 2019 15:41

Instrument :
 MSVOA_X
 ClientSampleId :
 SUMP-PIT

Tot Ion: 75 Resp: 629
 Ion Ratio Lower Upper
 75 100
 155 0.0 42.0 126.0#
 157 0.0 53.2 159.6#



#95
 Naphthalene
 Concen: 45.117 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX009247.D
 Acq: 30 Apr 2019 15:41

Tgt Ion: 128 Resp: 435681
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.4 15.6
 129 10.8 8.6 13.0

