

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030818\
 Data File : VX000245.D
 Acq On : 09 Mar 2018 02:05
 Operator : JC/MD
 Sample : PB107139TB 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 09 04:21:34 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	6957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.88	114	11406	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	10677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	5339	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.09	65	5102	52.90	ug/l	0.00
Spiked Amount			Recovery	=	105.80%	
35) Dibromofluoromethane	5.52	113	3762	52.51	ug/l	0.00
Spiked Amount			Recovery	=	105.02%	
50) Toluene-d8	8.72	98	15797	53.23	ug/l	0.00
Spiked Amount			Recovery	=	106.46%	
62) 4-Bromofluorobenzene	11.15	95	5214	45.02	ug/l	0.00
Spiked Amount			Recovery	=	90.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.12	50	21	0.28	ug/l #	42
5) Bromomethane	1.66	94	59	Below Cal	#	3
6) Chloroethane	1.72	64	110	1.58	ug/l #	42
8) Diethyl Ether	2.19	74	26	0.50	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	2.50	101	45	0.56	ug/l #	17
11) Tert butyl alcohol	3.05	59	20	0.56	ug/l #	72
12) 1,1-Dichloroethene	2.21	96	19	0.26	ug/l #	1
13) Acrolein	2.48	56	24	1.29	ug/l #	12
14) Allyl chloride	2.73	41	271	2.00	ug/l #	23
15) Acrylonitrile	3.13	53	48	0.78	ug/l #	17
16) Acetone	2.45	43	2873	41.48	ug/l	98
17) Carbon Disulfide	2.59	76	182	0.91	ug/l #	1
18) Methyl Acetate	2.78	43	144	0.98	ug/l #	52
20) Methylene Chloride	2.86	84	606	7.34	ug/l	95
23) Vinyl Acetate	3.91	43	48	0.21	ug/l #	72
25) 2-Butanone	4.73	43	858	10.04	ug/l #	50
26) 2,2-Dichloropropane	4.74	77	101	0.97	ug/l #	53
29) Tetrahydrofuran	5.18	42	183	3.41	ug/l #	60
31) Cyclohexane	5.63	56	22	0.21	ug/l #	17
37) Ethyl Acetate	4.89	43	31	0.21	ug/l #	69
38) Carbon Tetrachloride	5.67	117	691	6.73	ug/l #	12
41) Methacrylonitrile	5.19	41	267	3.57	ug/l #	47
43) Isopropyl Acetate	6.48	43	1484	7.00	ug/l #	80
45) 1,2-Dichloropropane	7.27	63	21	0.28	ug/l #	47
48) Methyl methacrylate	7.78	41	24	0.23	ug/l #	1
51) 4-Methyl-2-Pentanone	8.67	43	125	0.78	ug/l #	37
53) t-1,3-Dichloropropene	8.63	75	66	0.54	ug/l #	66
59) 2-Hexanone	9.55	43	527	3.86	ug/l #	25
67) Ethyl Benzene	10.37	91	109	0.29	ug/l #	43
74) N-amyl acetate	6.48	43	1484	8.68	ug/l #	73
76) 1,2,3-Trichloropropane	11.15	75	3083	28.81	ug/l #	32
78) n-propylbenzene	11.37	91	106	0.27	ug/l #	51
79) 2-Chlorotoluene	11.37	91	106	0.48	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.15	75	3083	88.21	ug/l #	10

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Response via : Initial Calibration

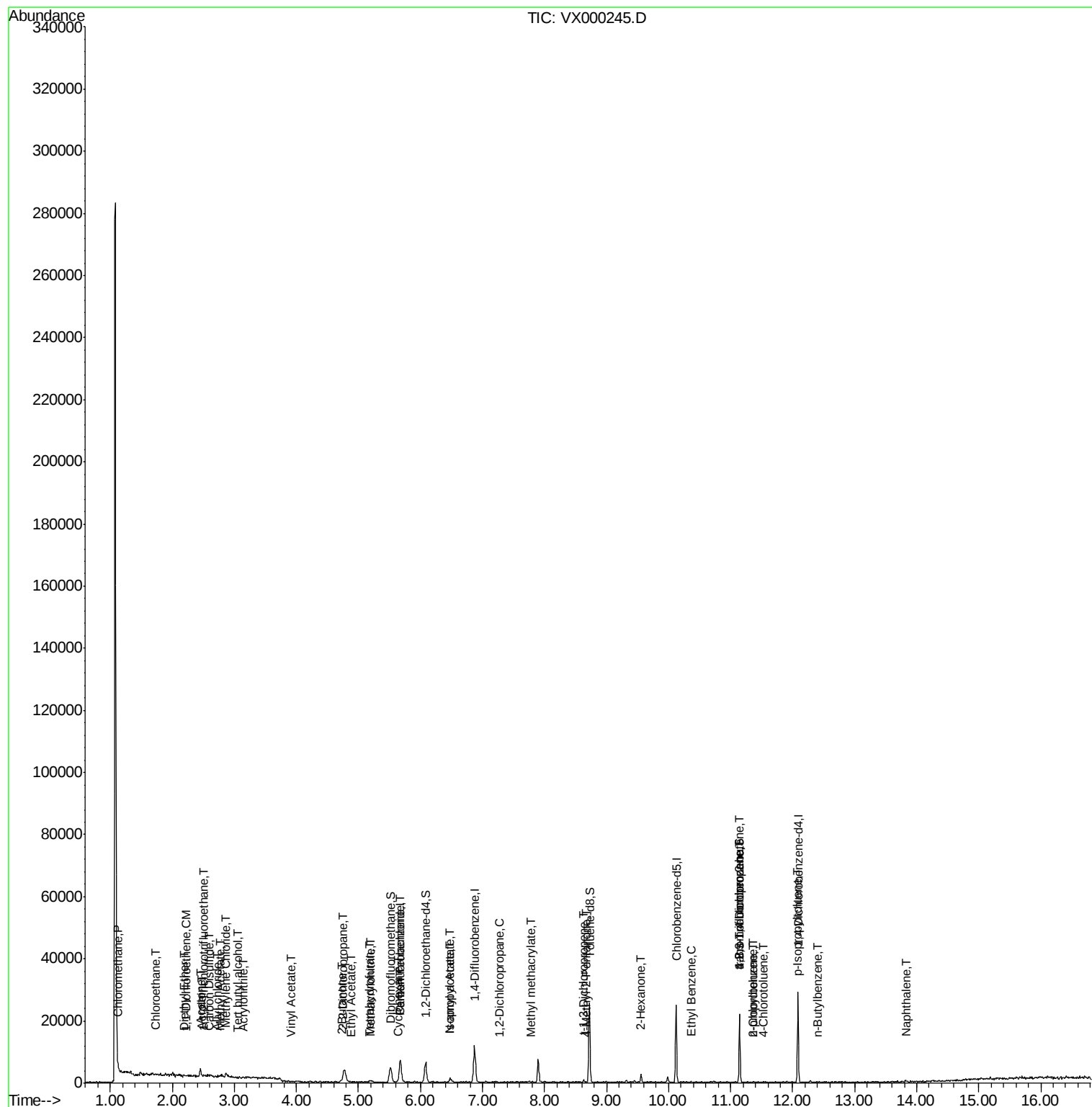
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.52	91	79	0.29	ug/l #	43
86) p-Isopropyltoluene	12.07	119	96	0.32	ug/l #	20
89) n-Butylbenzene	12.40	91	144	0.49	ug/l #	34
95) Naphthalene	13.84	128	230	0.56	ug/l #	69

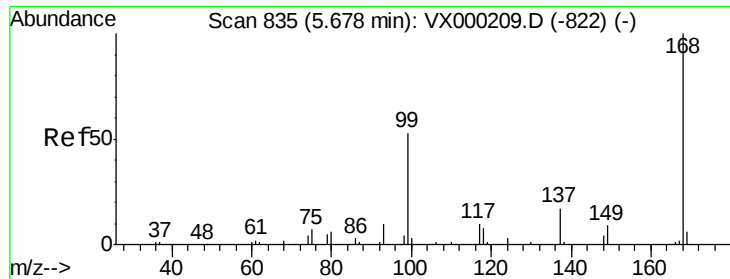
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000245.D

Acq: 09 Mar 2018 02:05

Instrument :

MSVOA_X

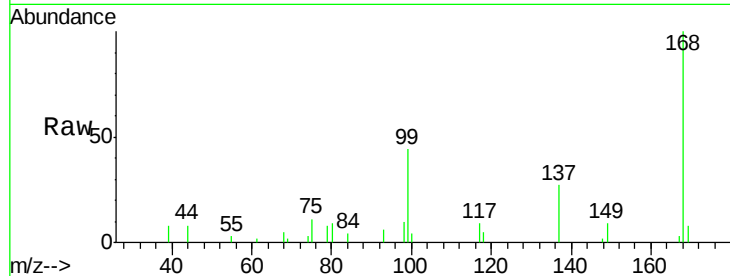
ClientSampleId :

Tot Ion:168 Resp: 6957

Ion Ratio Lower Upper

168 100

99 44.1 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

2500

2000

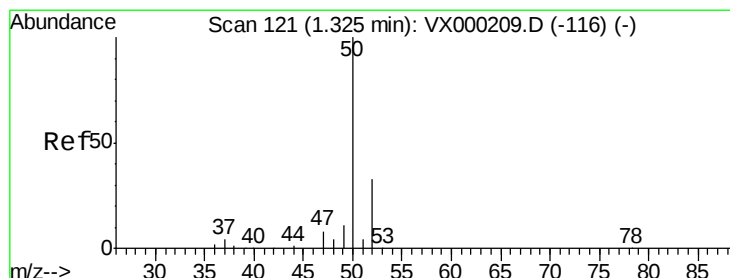
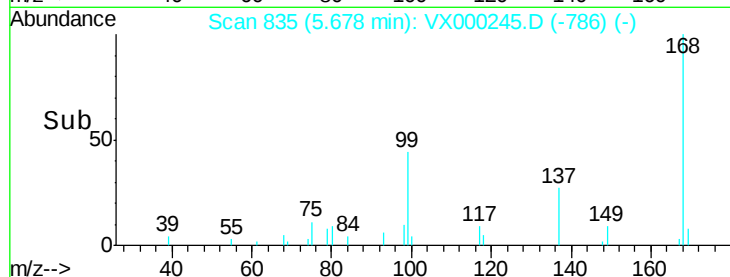
1500

1000

500

0

Time-->



#3

Chloromethane

Concen: 0.28 ug/l

RT: 1.12 min Scan# 88

Delta R.T. -0.20 min

Lab File: VX000245.D

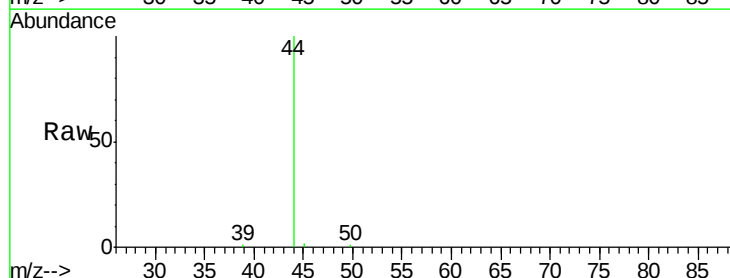
Acq: 09 Mar 2018 02:05

Tgt Ion: 50 Resp: 21

Ion Ratio Lower Upper

50 100

52 0.0 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.12

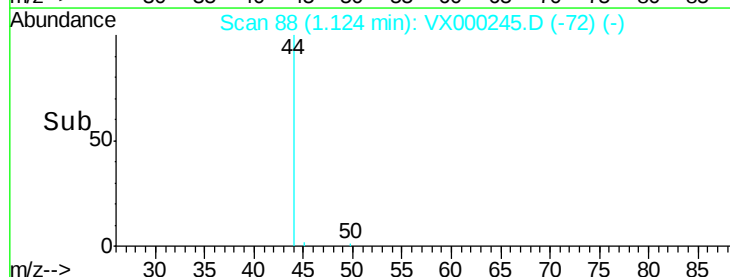
60

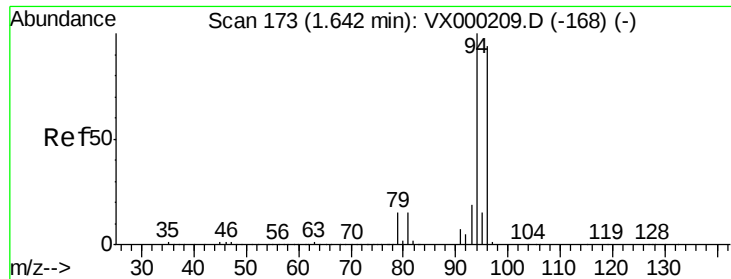
40

20

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.02 min

Lab File: VX000245.D

Acq: 09 Mar 2018 02:05

Instrument :

MSVOA_X

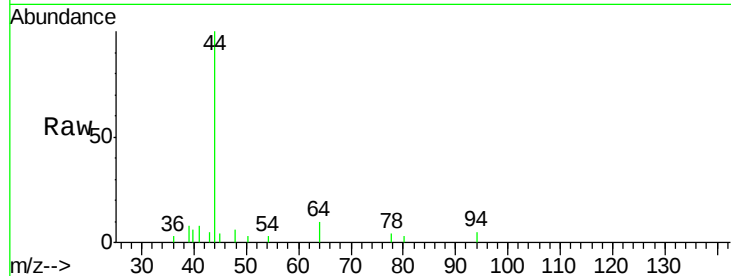
ClientSampled :

Tot Ion: 94 Resp: 59

Ion Ratio Lower Upper

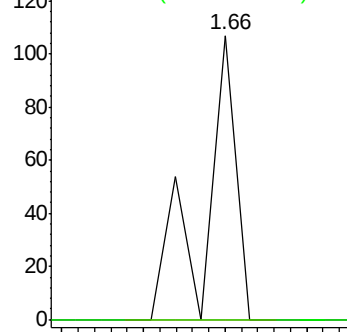
94 100

96 0.0 75.3 112.9#

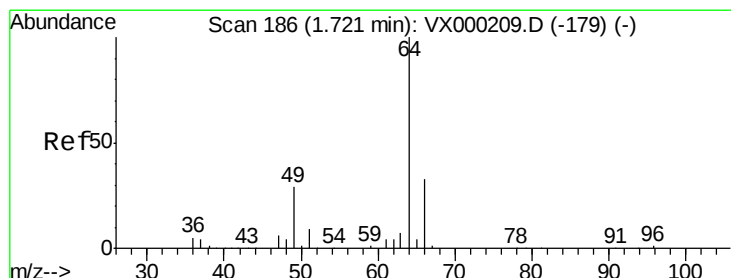
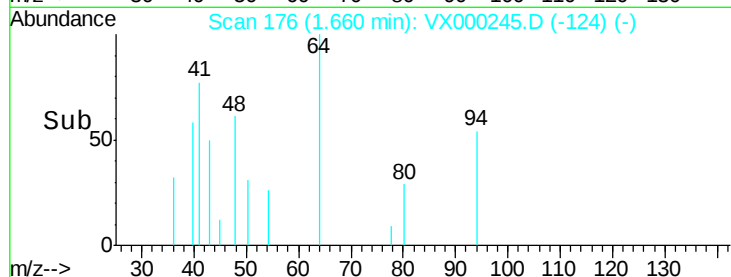


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time--> 1.62 1.64 1.66 1.68



#6

Chloroethane

Concen: 1.58 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX000245.D

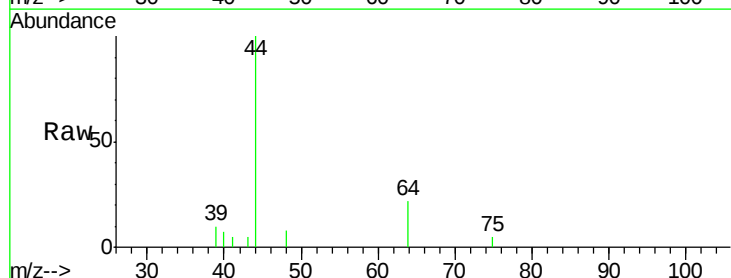
Acq: 09 Mar 2018 02:05

Tgt Ion: 64 Resp: 110

Ion Ratio Lower Upper

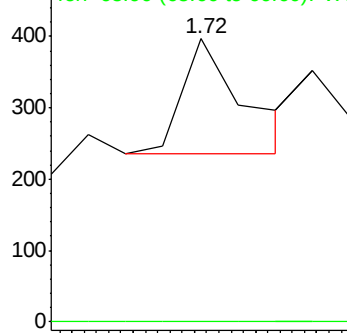
64 100

66 0.0 26.2 39.4#

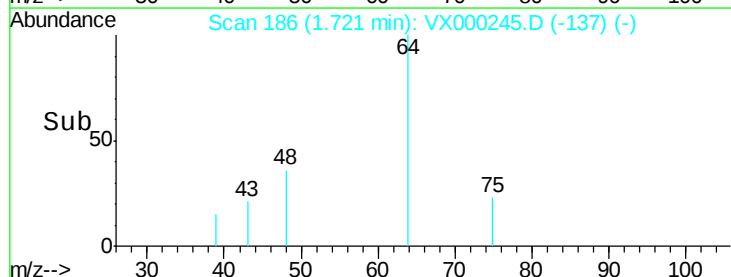


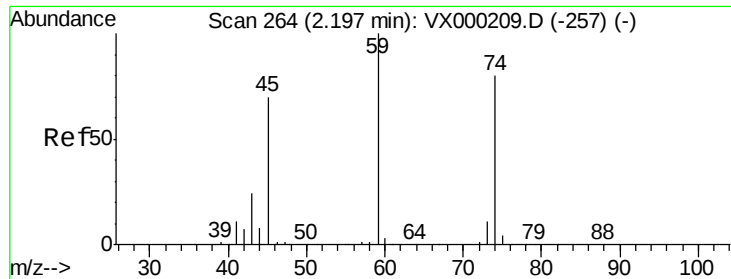
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time--> 1.70 1.71 1.72 1.73 1.74

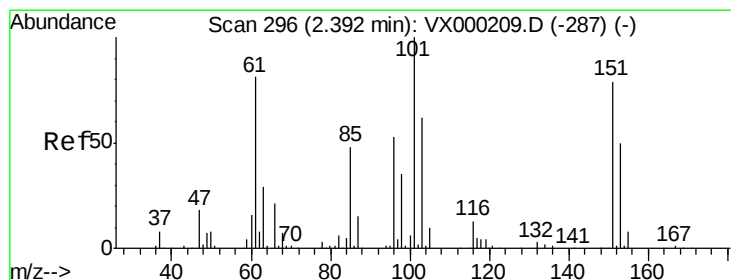
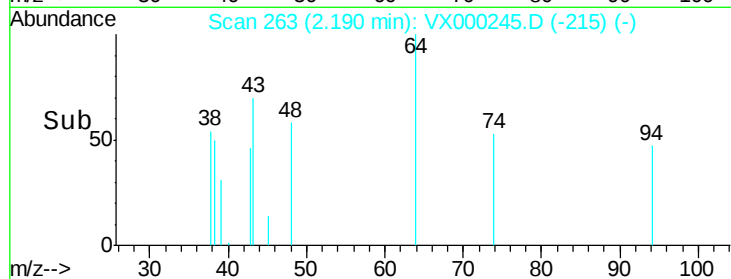
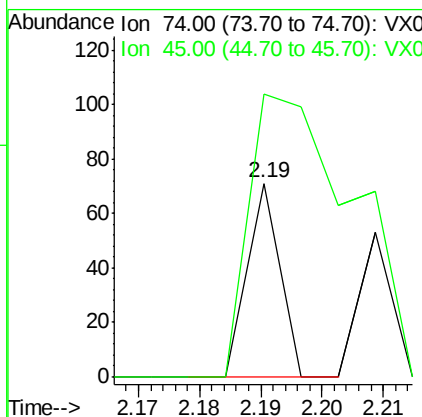
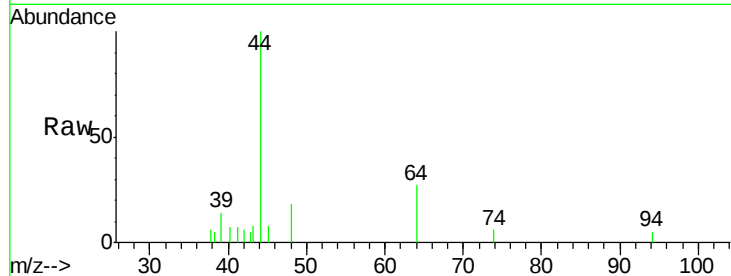




#8
 Diethyl Ether
 Concen: 0.50 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000245.D
 Acq: 09 Mar 2018 02:05

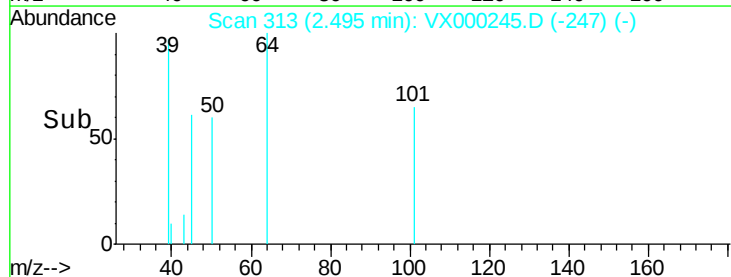
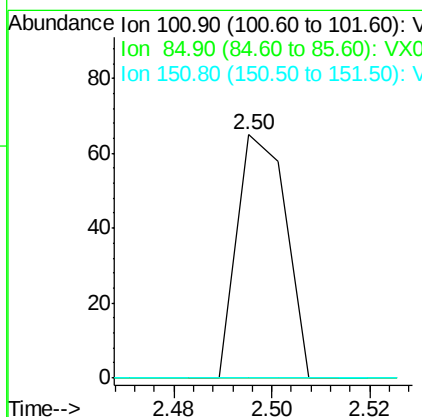
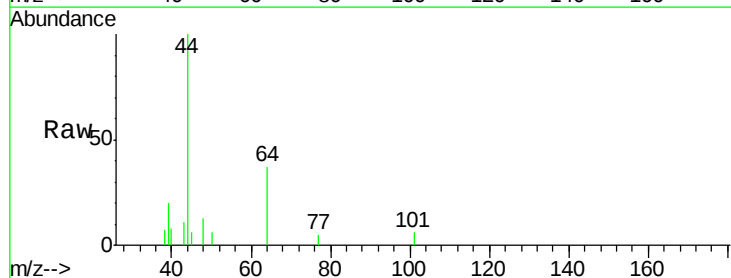
Instrument :
 MSVOA_X
 ClientSampled :

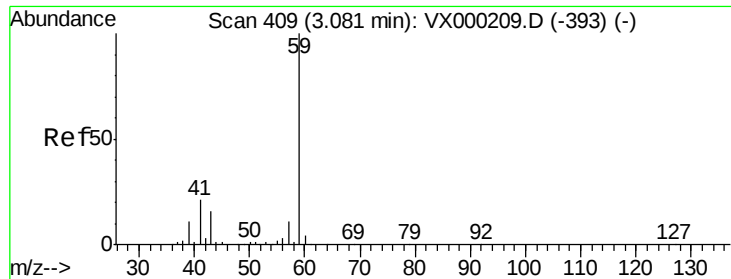
Tot Ion: 74 Resp: 26
 Ion Ratio Lower Upper
 74 100
 45 469.2 47.2 141.6#



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.56 ug/l
 RT: 2.50 min Scan# 313
 Delta R.T. 0.10 min
 Lab File: VX000245.D
 Acq: 09 Mar 2018 02:05

Tgt Ion: 101 Resp: 45
 Ion Ratio Lower Upper
 101 100
 85 0.0 38.3 57.5#
 151 0.0 62.8 94.2#



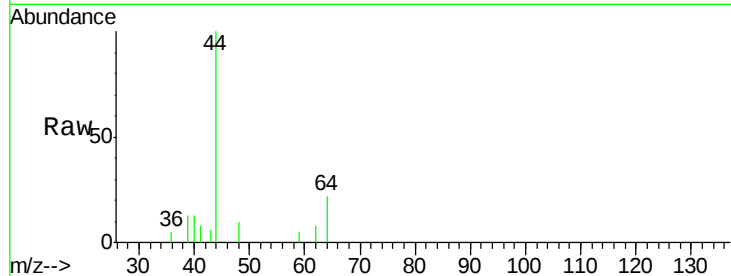


#11

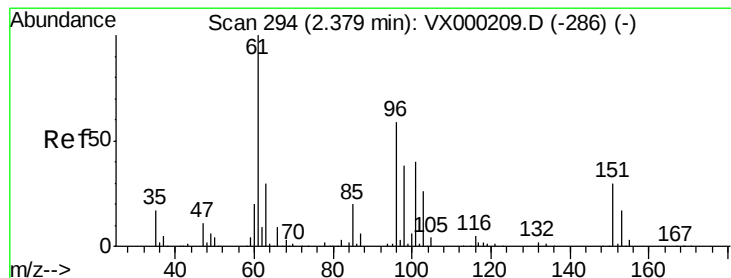
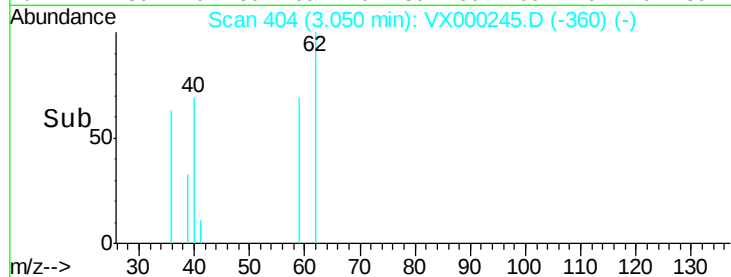
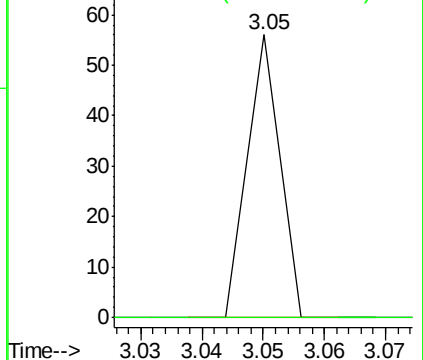
Tert butyl alcohol
Concen: 0.56 ug/l
RT: 3.05 min Scan# 404
Delta R.T. -0.03 min
Lab File: VX000245.D
Acq: 09 Mar 2018 02:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 59 Resp: 20
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



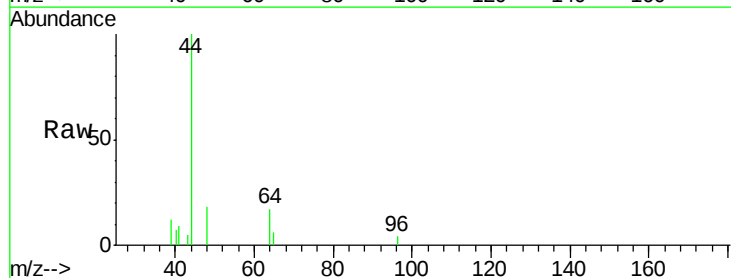
Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0



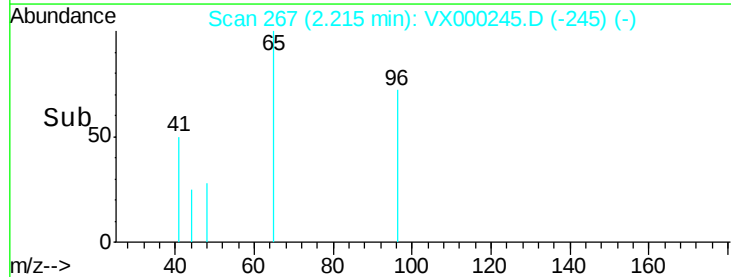
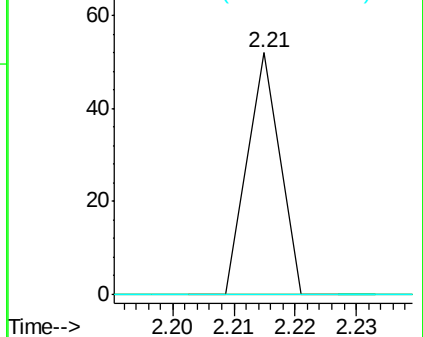
#12

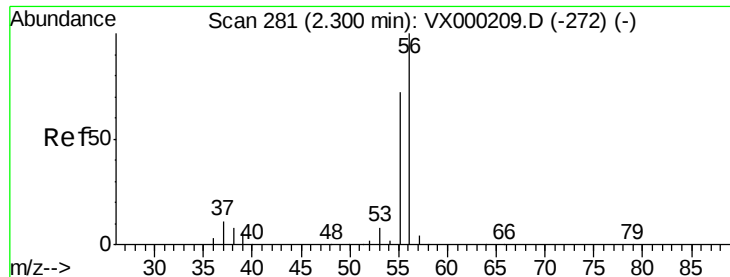
1,1-Dichloroethene
Concen: 0.26 ug/l
RT: 2.21 min Scan# 267
Delta R.T. -0.16 min
Lab File: VX000245.D
Acq: 09 Mar 2018 02:05

Tgt Ion: 96 Resp: 19
Ion Ratio Lower Upper
96 100
61 0.0 135.8 203.6#
98 0.0 51.1 76.7#



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 1.29 ug/l

RT: 2.48 min Scan# 310

Delta R.T. 0.18 min

Lab File: VX000245.D

Acq: 09 Mar 2018 02:05

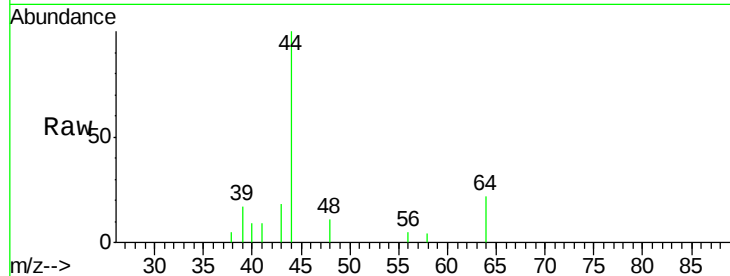
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 24

Ion Ratio Lower Upper

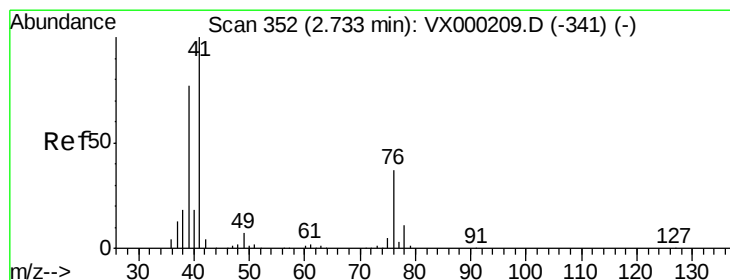
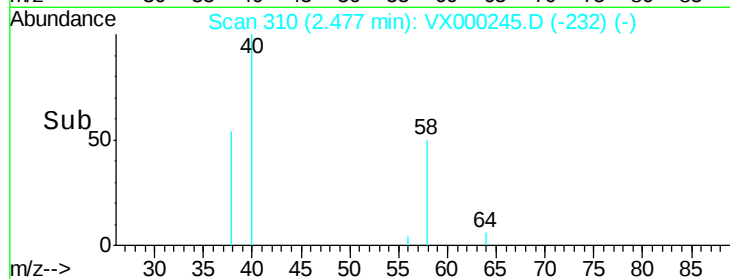
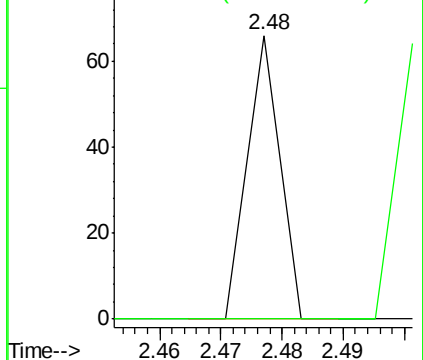
56 100

55 0.0 59.2 88.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 2.00 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000245.D

Acq: 09 Mar 2018 02:05

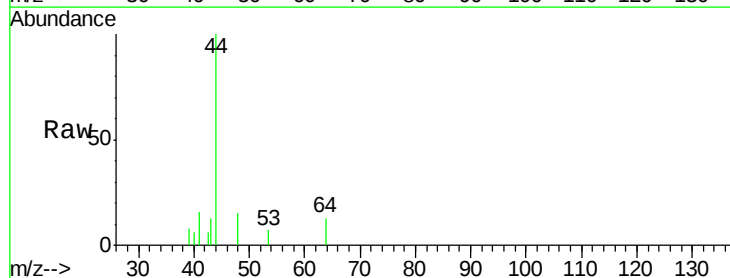
Tgt Ion: 41 Resp: 271

Ion Ratio Lower Upper

41 100

39 0.0 57.0 85.6#

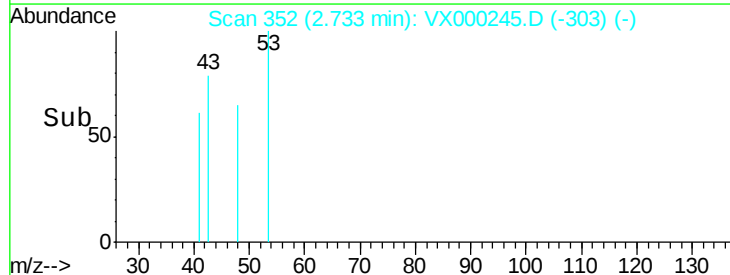
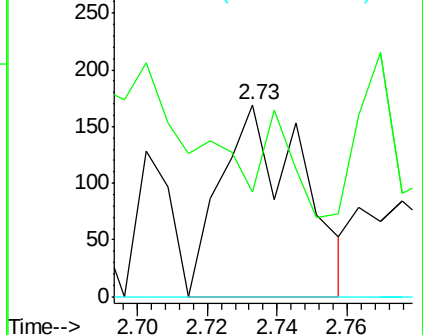
76 0.0 26.8 40.2#

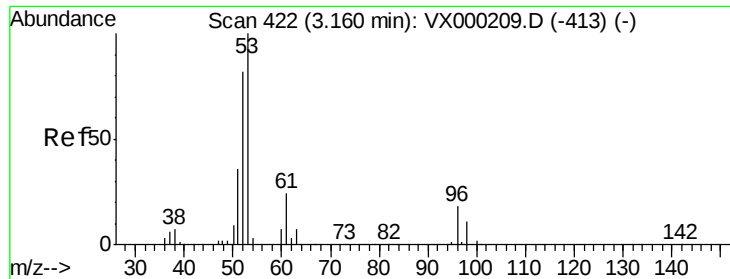


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 0.78 ug/l

RT: 3.13 min Scan# 417

Delta R.T. -0.03 min

Lab File: VX000245.D

Acq: 09 Mar 2018 02:05

Instrument :

MSVOA_X

ClientSampled :

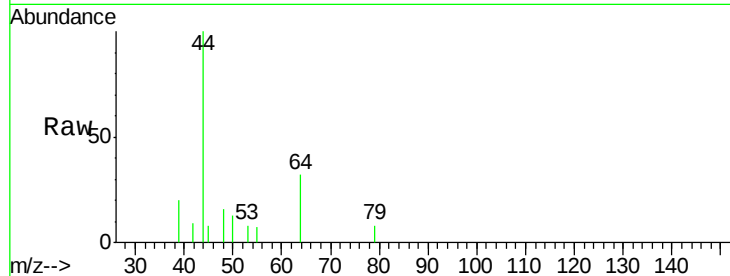
Tot Ion: 53 Resp: 48

Ion Ratio Lower Upper

53 100

52 0.0 66.3 99.5#

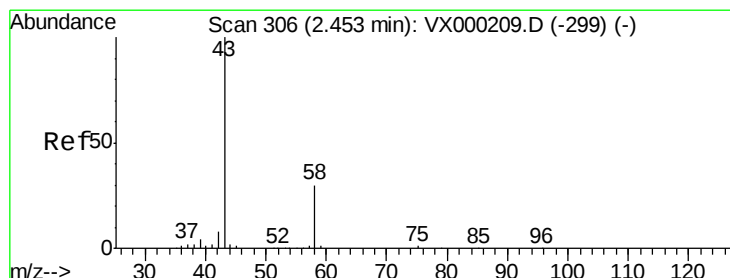
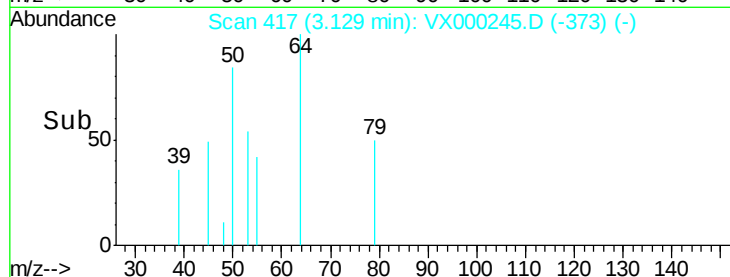
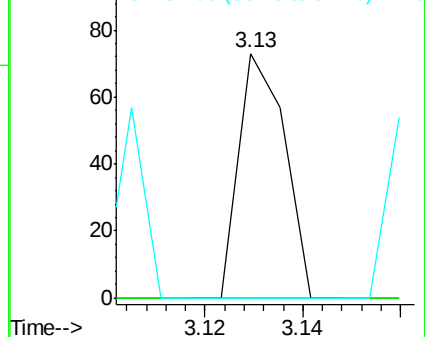
51 0.0 29.6 44.4#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 41.48 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000245.D

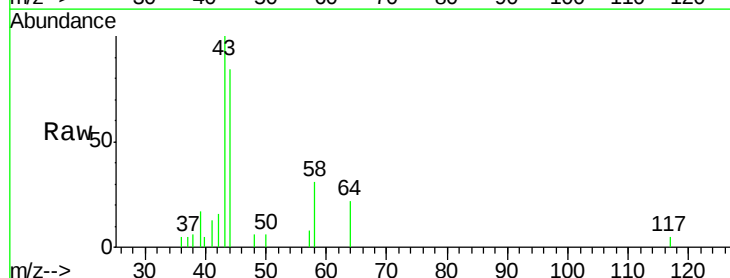
Acq: 09 Mar 2018 02:05

Tgt Ion: 43 Resp: 2873

Ion Ratio Lower Upper

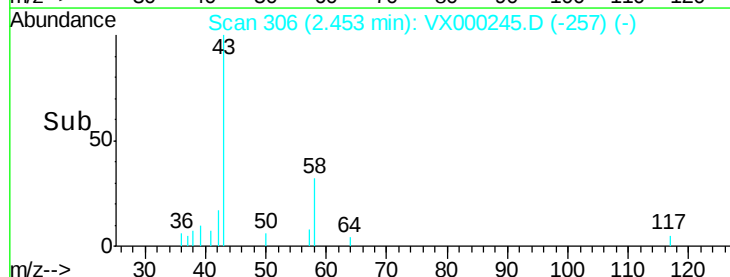
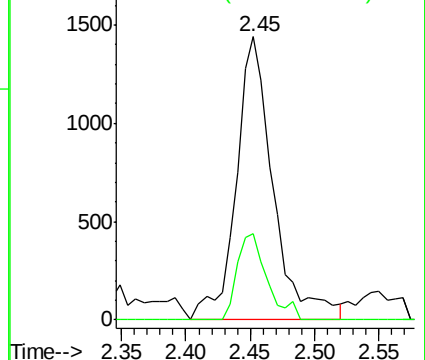
43 100

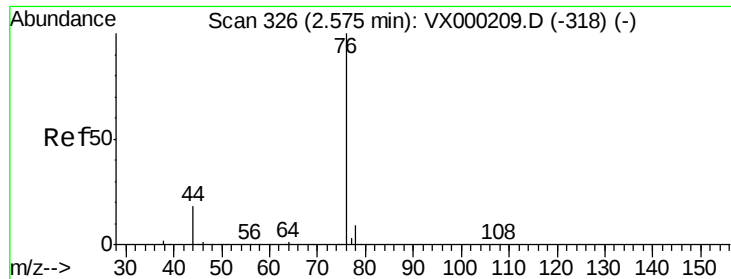
58 30.6 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

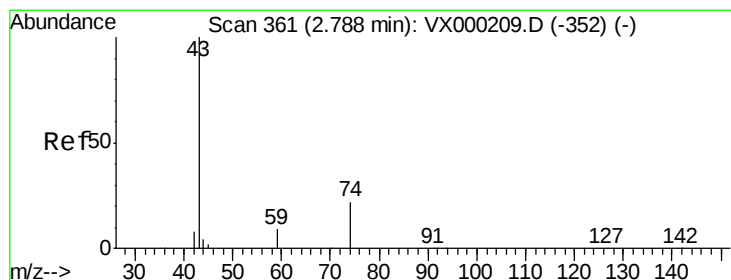
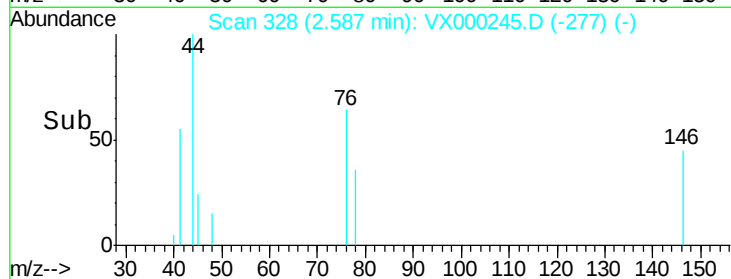
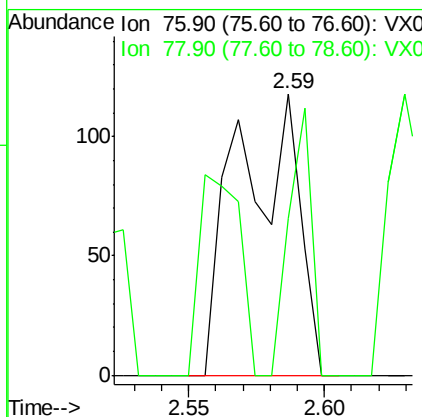
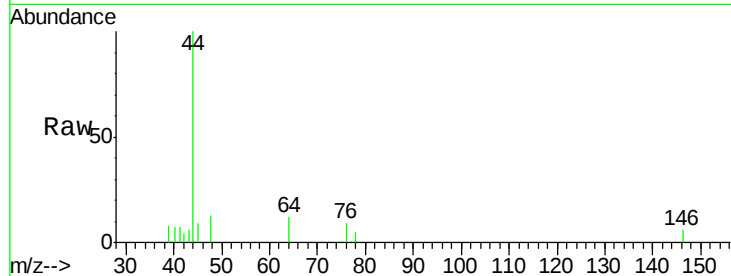




#17
Carbon Disulfide
Concen: 0.91 ug/l
RT: 2.59 min Scan# 328
Delta R.T. 0.01 min
Lab File: VX000245.D
Acq: 09 Mar 2018 02:05

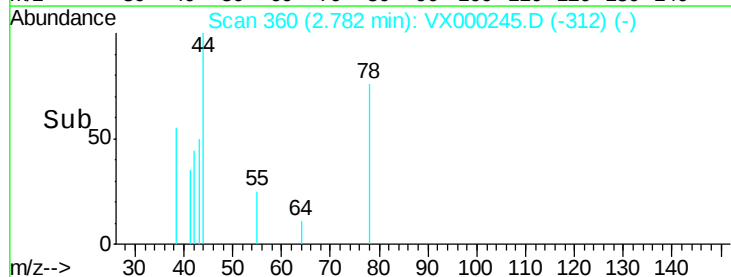
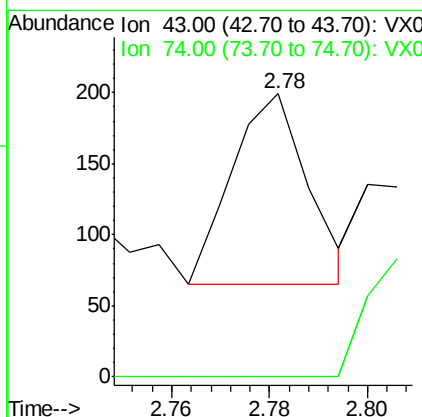
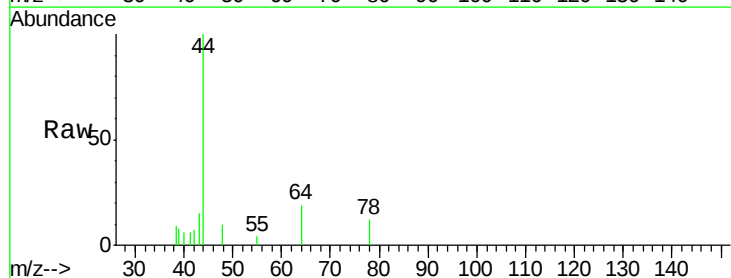
Instrument :
MSVOA_X
ClientSampled :

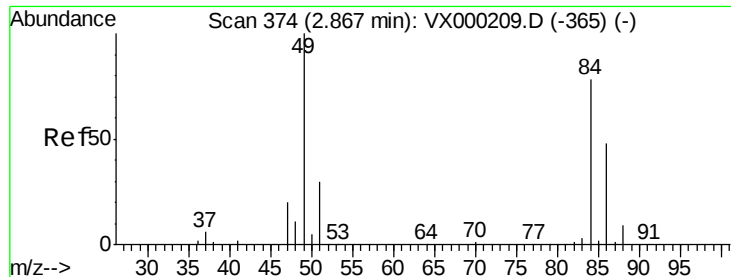
Tot Ion: 76 Resp: 182
Ion Ratio Lower Upper
76 100
78 55.9 7.0 10.6#



#18
Methyl Acetate
Concen: 0.98 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000245.D
Acq: 09 Mar 2018 02:05

Tgt Ion: 43 Resp: 144
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#





#20

Methvlene Chloride

Concen: 7.34 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.01 min

Lab File: VX000245.D

Acq: 09 Mar 2018 02:05

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 84 Resp: 606

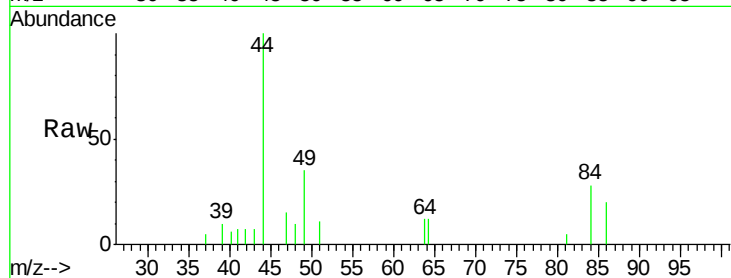
Ion Ratio Lower Upper

84 100

49 125.3 102.1 153.1

51 39.6 30.6 45.8

86 70.4 49.0 73.6

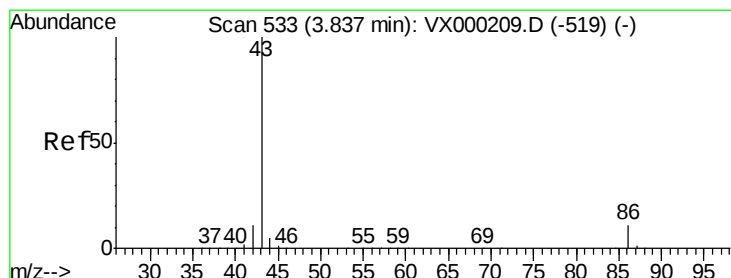
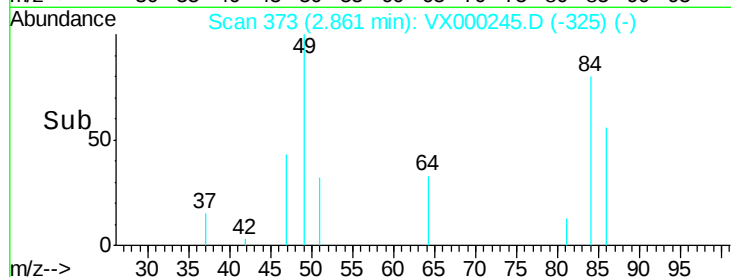
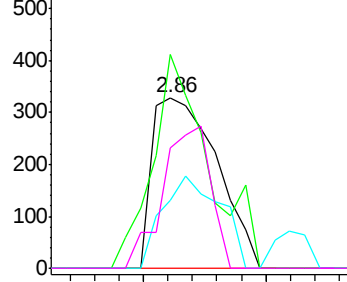


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#23

Vinyl Acetate

Concen: 0.21 ug/l

RT: 3.91 min Scan# 545

Delta R.T. 0.07 min

Lab File: VX000245.D

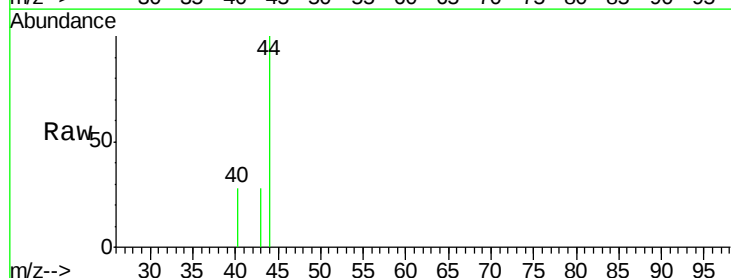
Acq: 09 Mar 2018 02:05

Tgt Ion: 43 Resp: 48

Ion Ratio Lower Upper

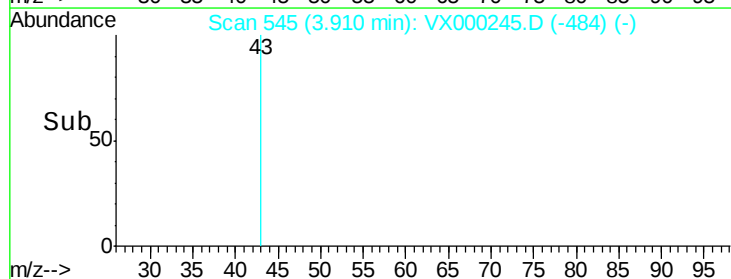
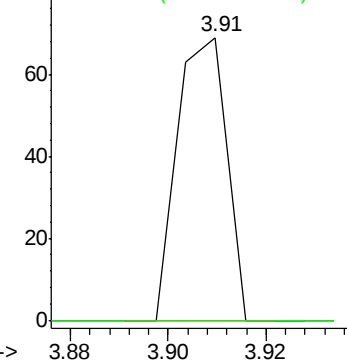
43 100

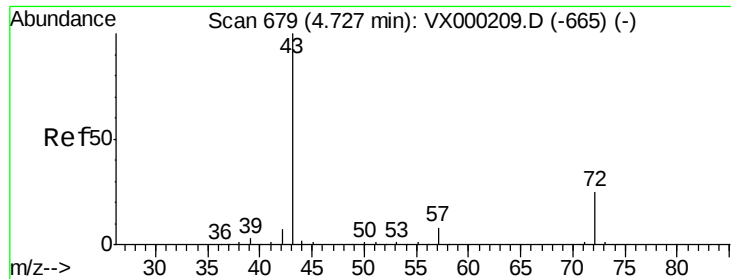
86 0.0 8.5 12.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#25

2-Butanone

Concen: 10.04 ug/l

RT: 4.73 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX000245.D

Acq: 09 Mar 2018 02:05

Instrument :

MSVOA_X

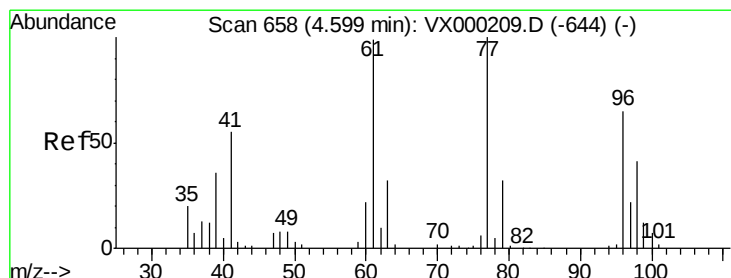
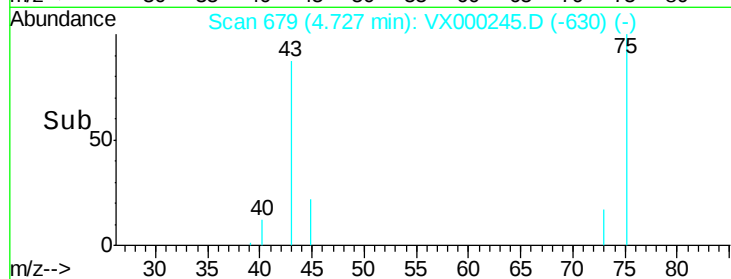
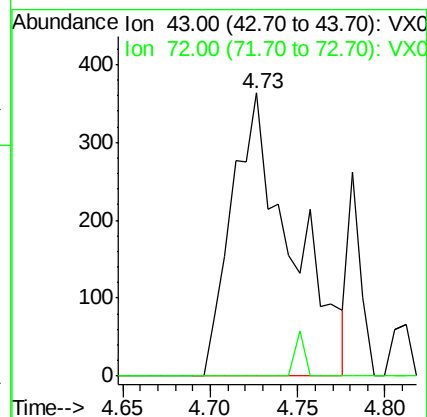
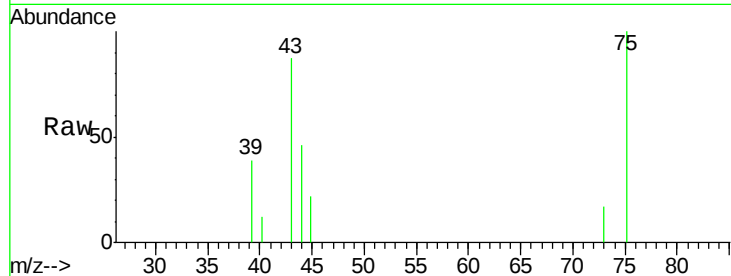
ClientSampled :

Tot Ion: 43 Resp: 858

Ion Ratio Lower Upper

43 100

72 0.0 20.2 30.2#



#26

2,2-Dichloropropane

Concen: 0.97 ug/l

RT: 4.74 min Scan# 682

Delta R.T. 0.15 min

Lab File: VX000245.D

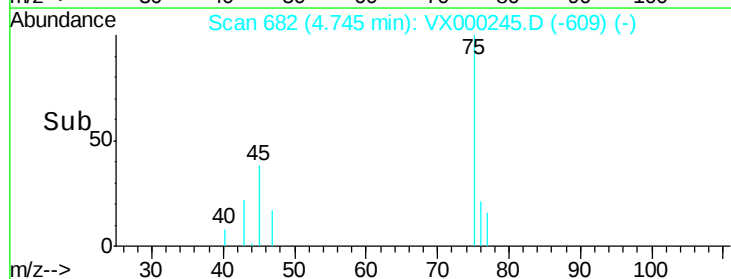
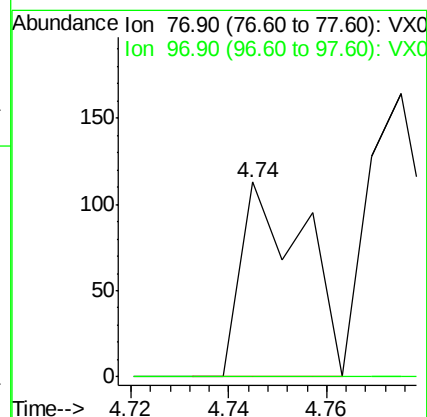
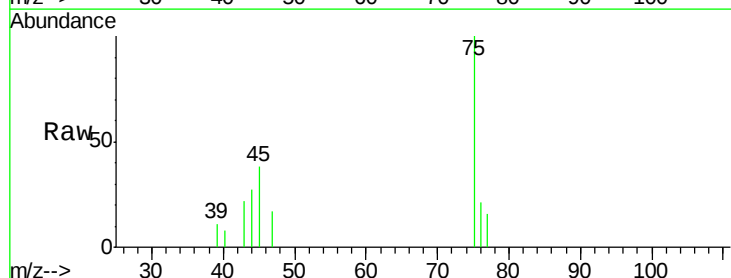
Acq: 09 Mar 2018 02:05

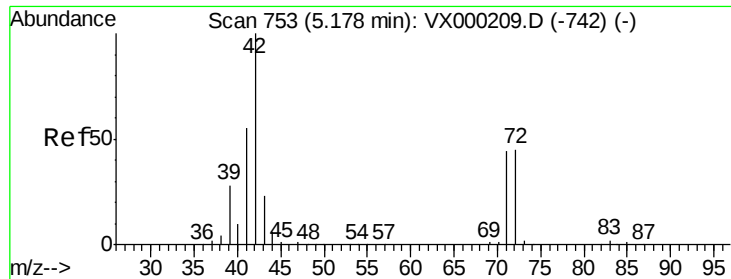
Tgt Ion: 77 Resp: 101

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.1#

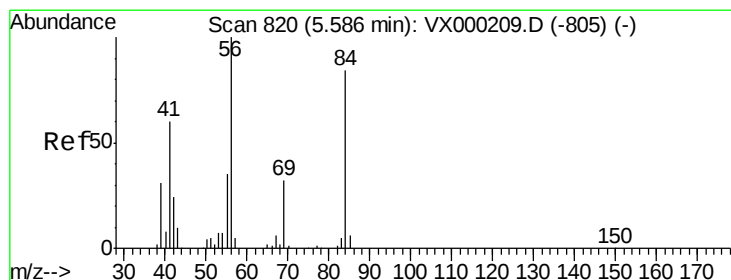
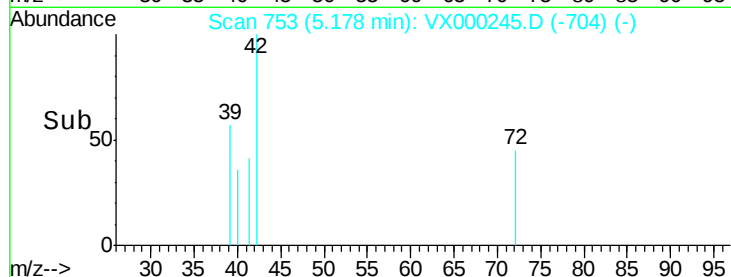
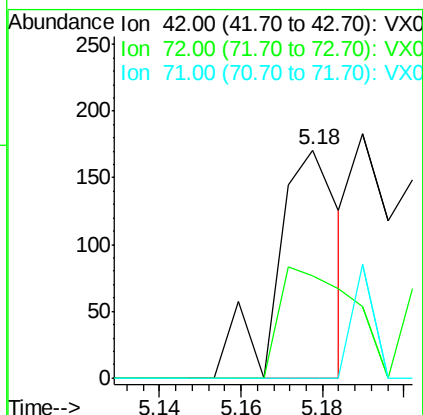
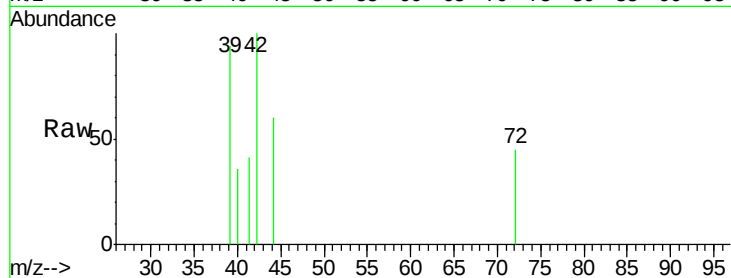




#29
Tetrahydrofuran
Concen: 3.41 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000245.D
Acq: 09 Mar 2018 02:05

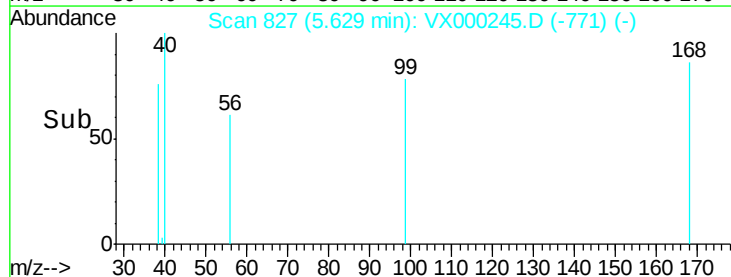
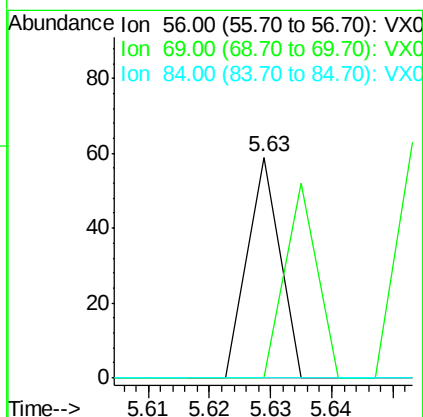
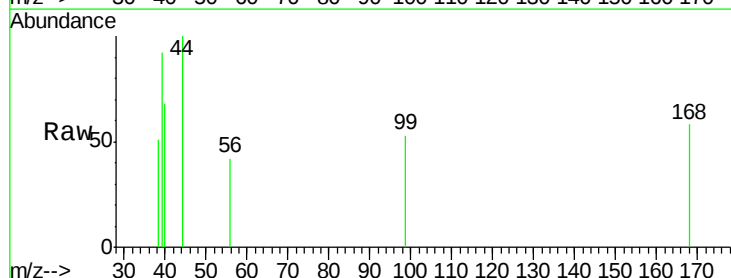
Instrument :
MSVOA_X
ClientSampled :

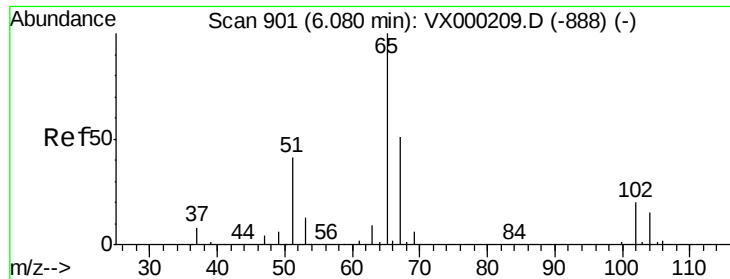
Tot Ion: 42 Resp: 183
Ion Ratio Lower Upper
42 100
72 56.3 37.3 55.9#
71 0.0 35.0 52.4#



#31
Cyclohexane
Concen: 0.21 ug/l
RT: 5.63 min Scan# 827
Delta R.T. 0.04 min
Lab File: VX000245.D
Acq: 09 Mar 2018 02:05

Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
69 0.0 25.3 37.9#
84 0.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 52.90 ug/l

RT: 6.09 min Scan# 902

Delta R.T. 0.01 min

Lab File: VX000245.D

Acq: 09 Mar 2018 02:05

Instrument :

MSVOA_X

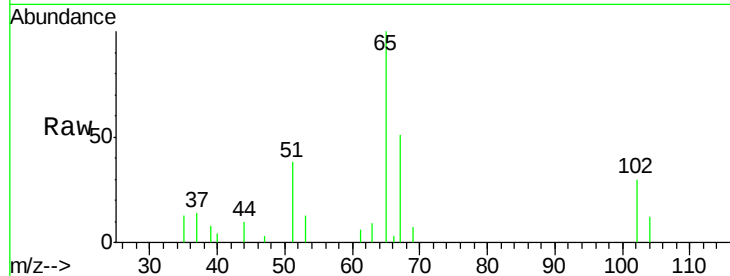
ClientSampleId :

Tot Ion: 65 Resp: 5102

Ion Ratio Lower Upper

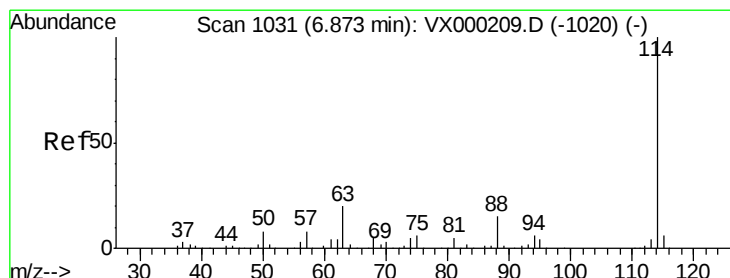
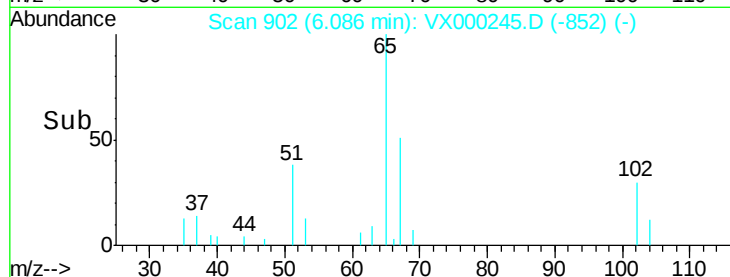
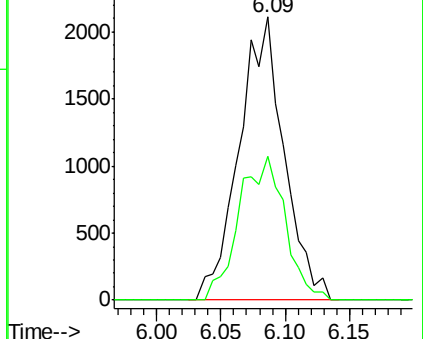
65 100

67 52.2 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.88 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VX000245.D

Acq: 09 Mar 2018 02:05

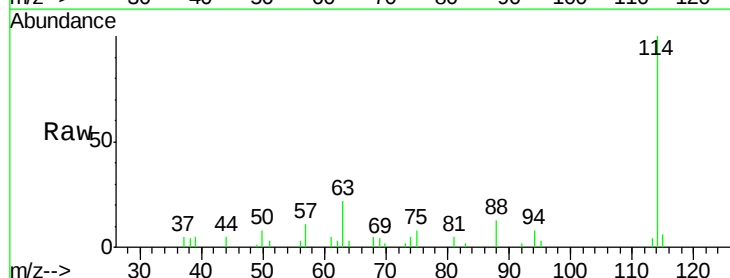
Tgt Ion:114 Resp: 11406

Ion Ratio Lower Upper

114 100

63 22.1 0.0 39.2

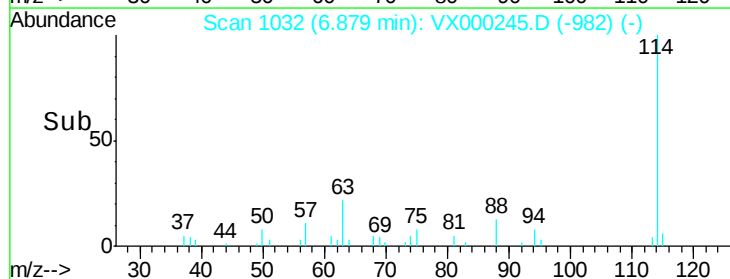
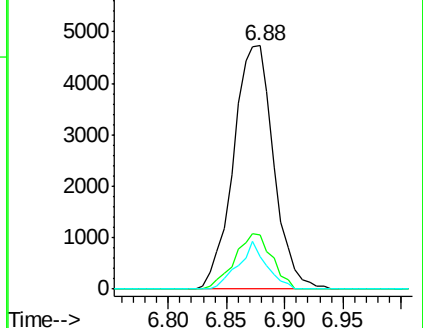
88 13.3 0.0 29.8

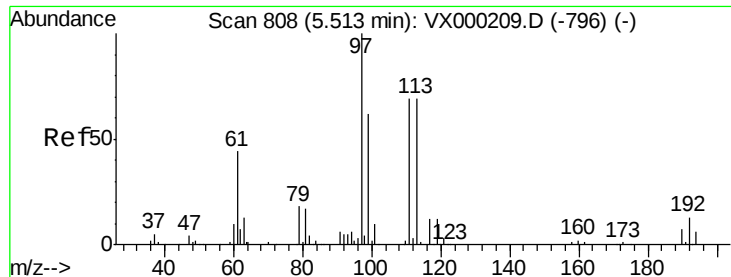


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.51 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.01 min

Lab File: VX000245.D

Acq: 09 Mar 2018 02:05

Instrument :

MSVOA_X

ClientSampleId :

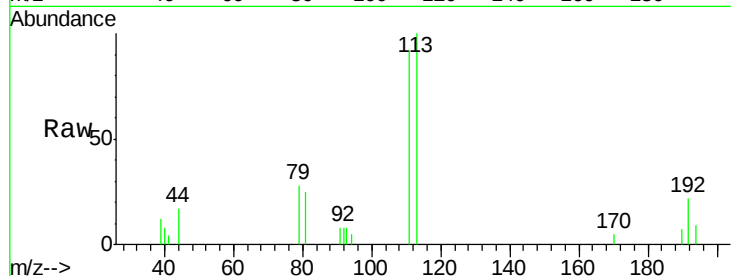
Tot Ion:113 Resp: 3762

Ion Ratio Lower Upper

113 100

111 104.1 83.0 124.6

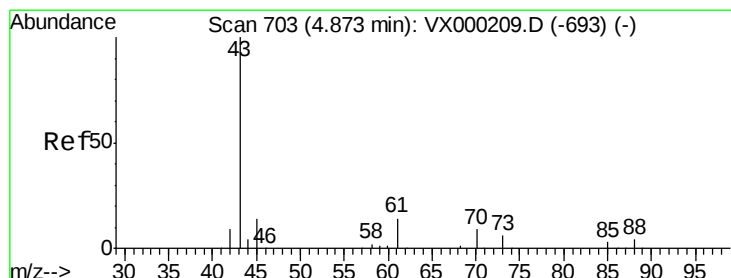
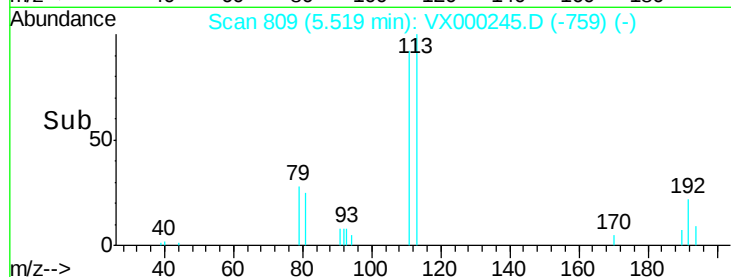
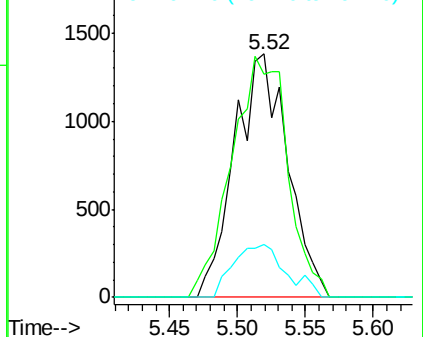
192 21.6 15.5 23.3



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



#37

Ethyl Acetate

Concen: 0.21 ug/l

RT: 4.89 min Scan# 705

Delta R.T. 0.01 min

Lab File: VX000245.D

Acq: 09 Mar 2018 02:05

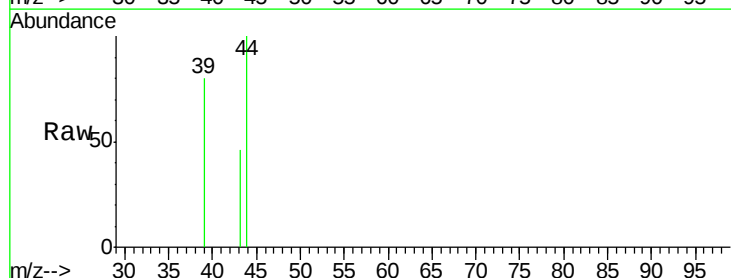
Tgt Ion: 43 Resp: 31

Ion Ratio Lower Upper

43 100

61 0.0 11.0 16.6#

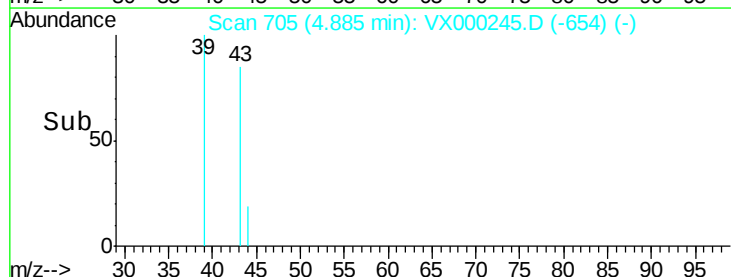
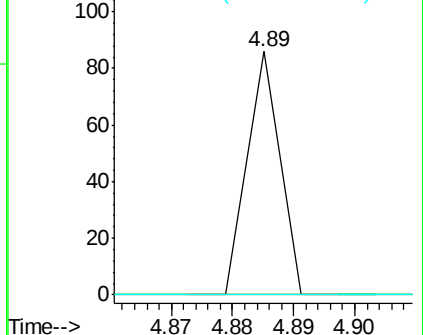
70 0.0 7.8 11.6#

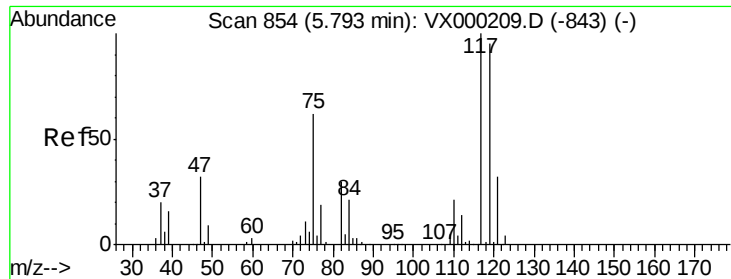


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0

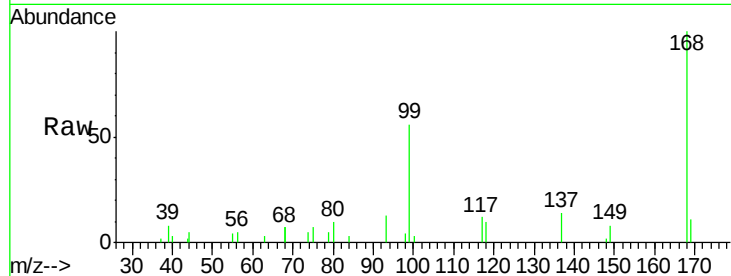




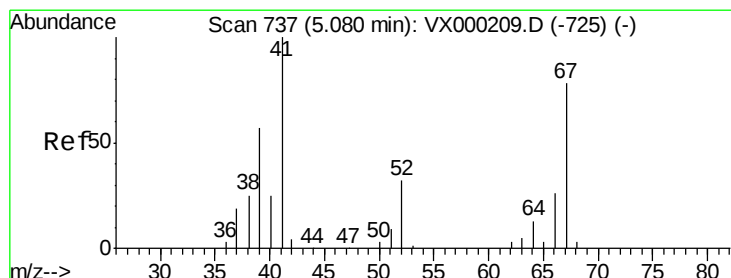
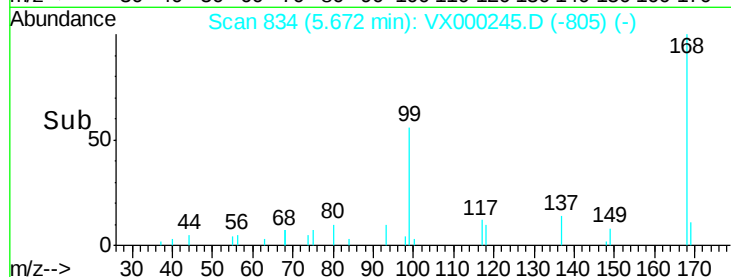
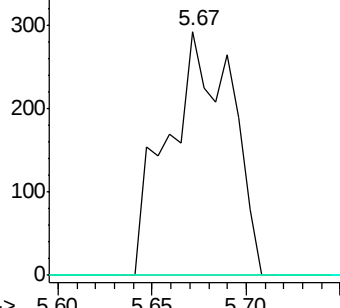
#38
Carbon Tetrachloride
Concen: 6.73 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX000245.D
Acq: 09 Mar 2018 02:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 691
Ion Ratio Lower Upper
117 100
119 0.0 75.9 113.9#
121 0.0 25.8 38.6#

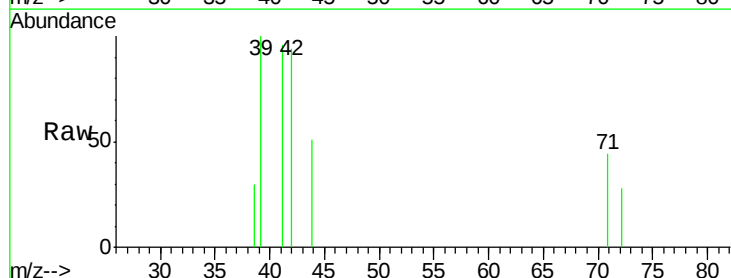


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

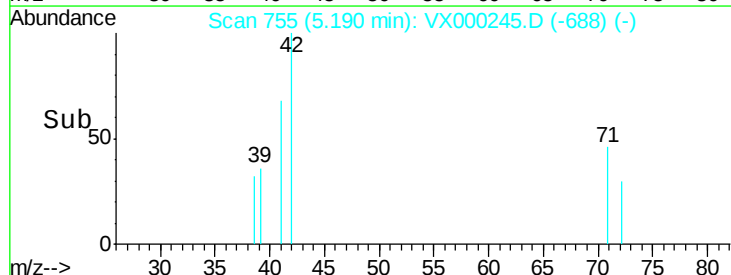
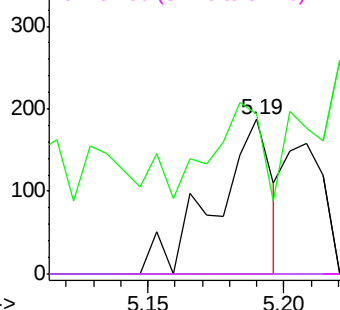


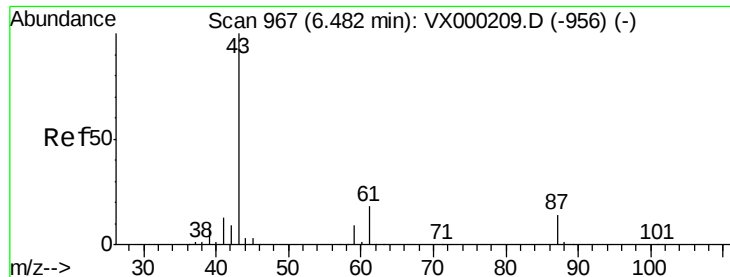
#41
Methacrylonitrile
Concen: 3.57 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.11 min
Lab File: VX000245.D
Acq: 09 Mar 2018 02:05

Tgt Ion: 41 Resp: 267
Ion Ratio Lower Upper
41 100
39 54.3 47.8 71.6
67 0.0 59.3 88.9#
52 0.0 26.4 39.6#



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





#43

Isopropyl Acetate

Concen: 7.00 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000245.D

Acq: 09 Mar 2018 02:05

Instrument :

MSVOA_X

ClientSampled :

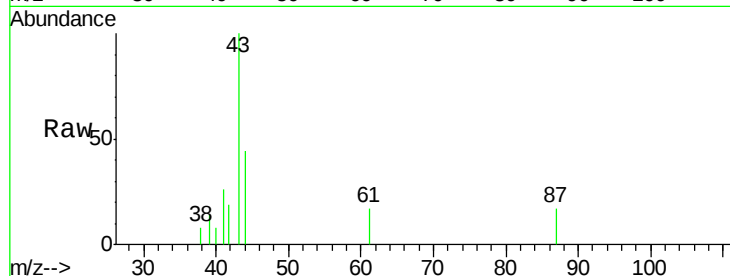
Tot Ion: 43 Resp: 1484

Ion Ratio Lower Upper

43 100

61 6.3 14.8 22.2#

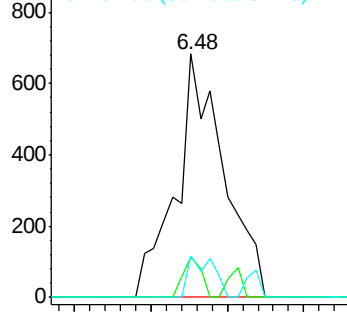
87 9.0 10.6 16.0#



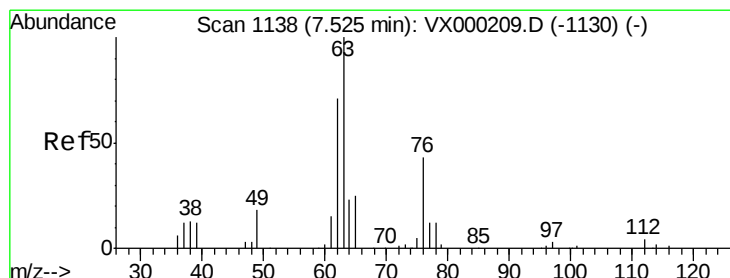
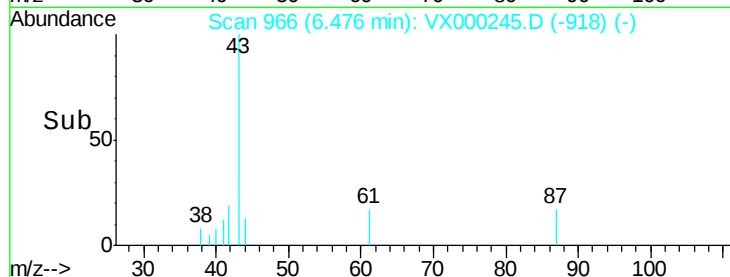
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



Time-->



#45

1,2-Dichloropropane

Concen: 0.28 ug/l

RT: 7.27 min Scan# 1096

Delta R.T. -0.26 min

Lab File: VX000245.D

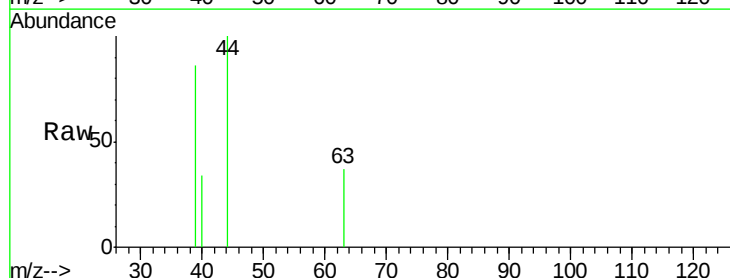
Acq: 09 Mar 2018 02:05

Tgt Ion: 63 Resp: 21

Ion Ratio Lower Upper

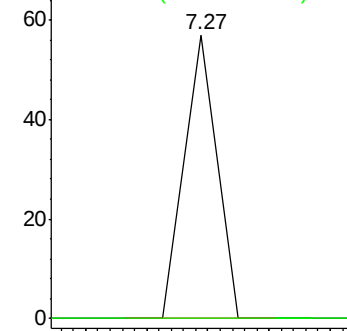
63 100

65 0.0 22.3 33.5#

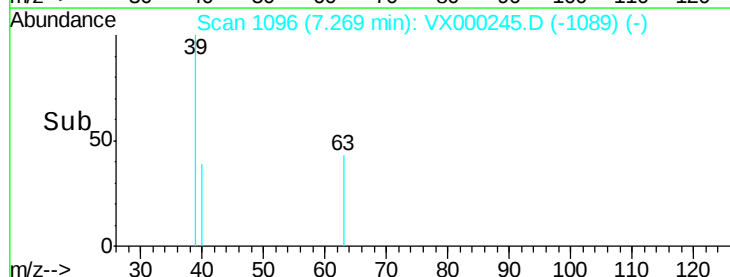


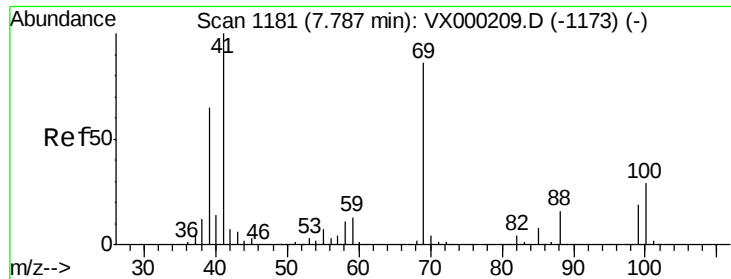
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



Time-->

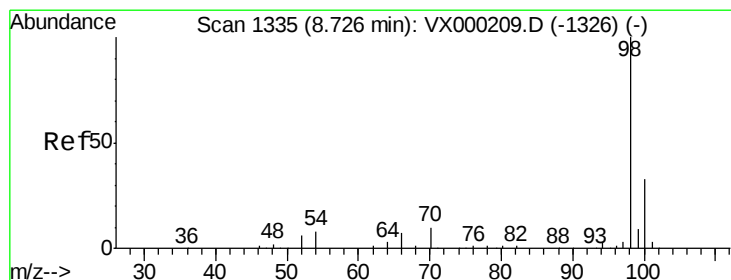
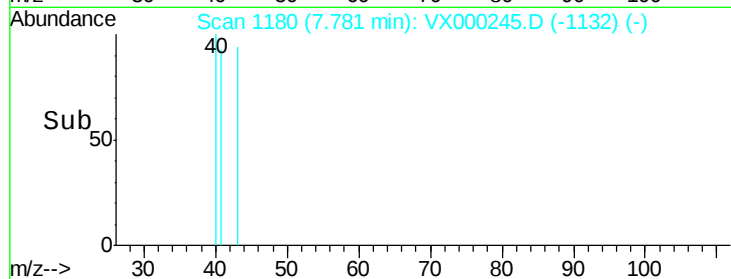
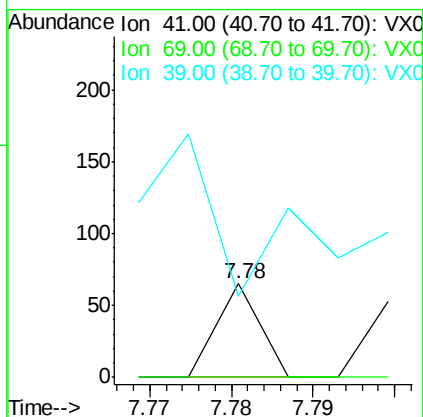
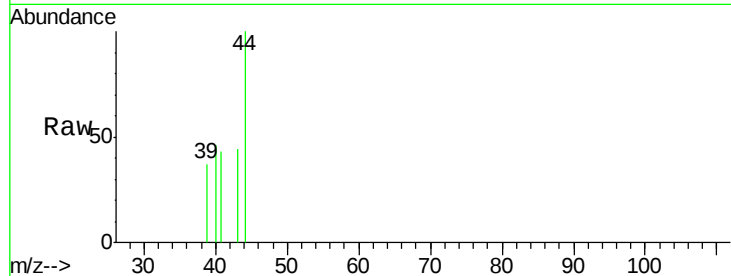




#48
Methvl methacrylate
Concen: 0.23 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VX000245.D
Acq: 09 Mar 2018 02:05

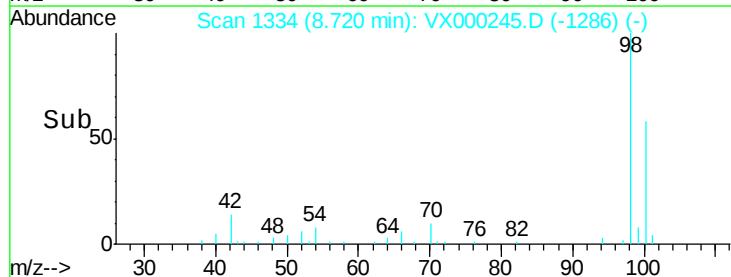
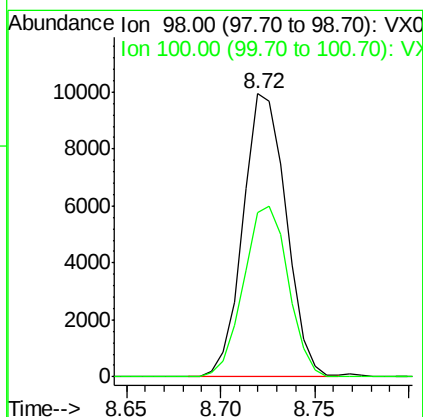
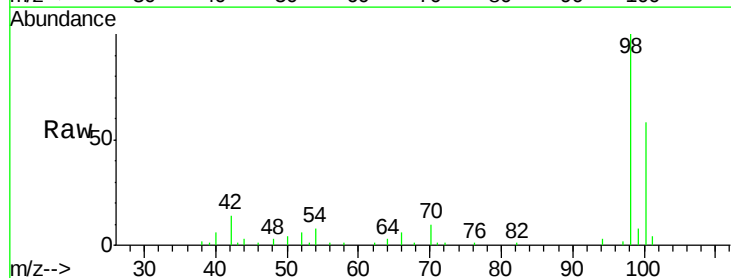
Instrument :
MSVOA_X
ClientSampled :

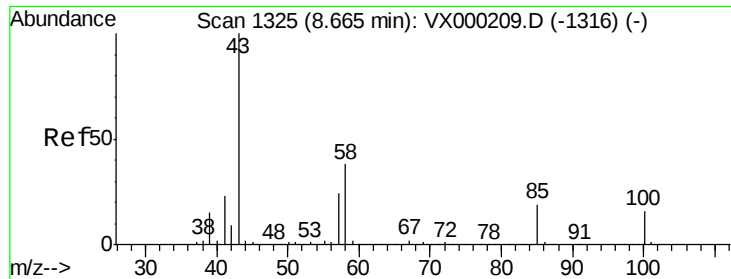
Tot Ion: 41 Resp: 24
Ion Ratio Lower Upper
41 100
69 0.0 70.0 105.0#
39 441.7 53.6 80.4#



#50
Toluene-d8
Concen: 53.23 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000245.D
Acq: 09 Mar 2018 02:05

Tgt Ion: 98 Resp: 15797
Ion Ratio Lower Upper
98 100
100 62.1 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 0.78 ug/l

RT: 8.67 min Scan# 1326

Delta R.T. 0.01 min

Lab File: VX000245.D

Acq: 09 Mar 2018 02:05

Instrument :

MSVOA_X

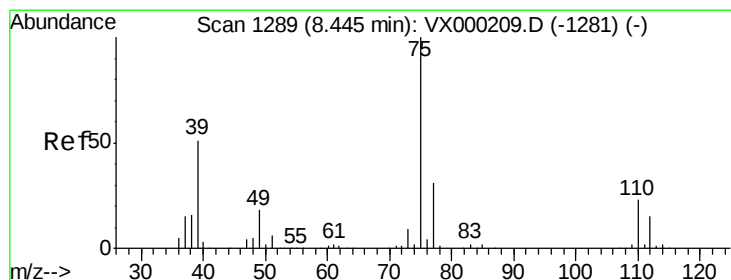
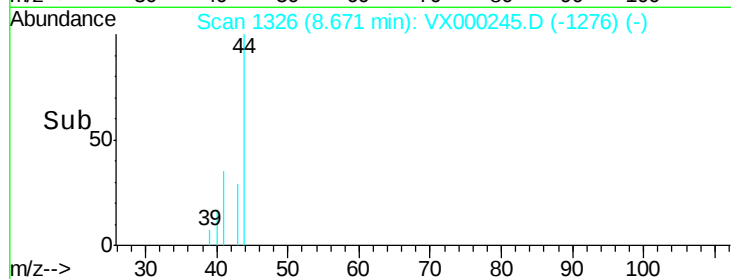
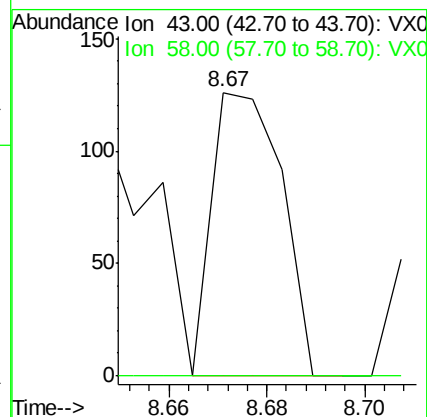
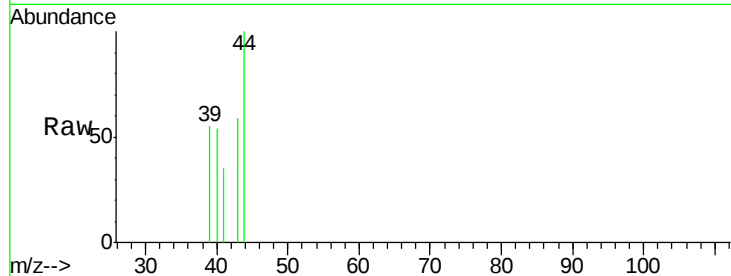
ClientSampled :

Tot Ion: 43 Resp: 125

Ion Ratio Lower Upper

43 100

58 0.0 30.2 45.2#



#53

t-1,3-Dichloropropene

Concen: 0.54 ug/l

RT: 8.63 min Scan# 1320

Delta R.T. 0.19 min

Lab File: VX000245.D

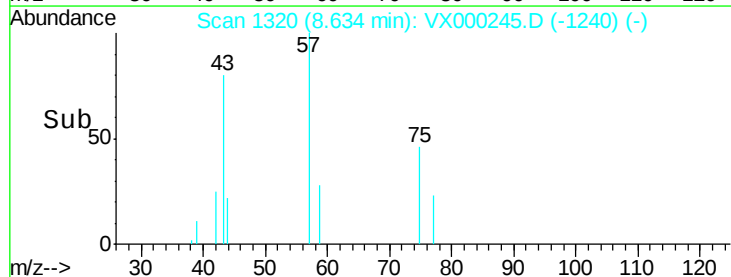
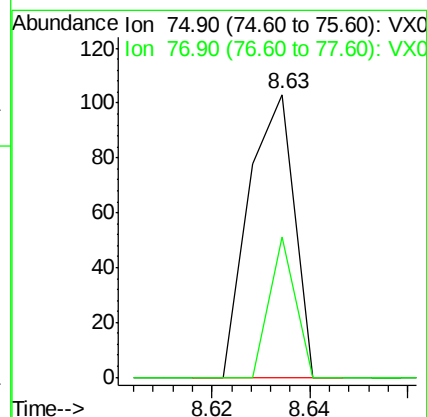
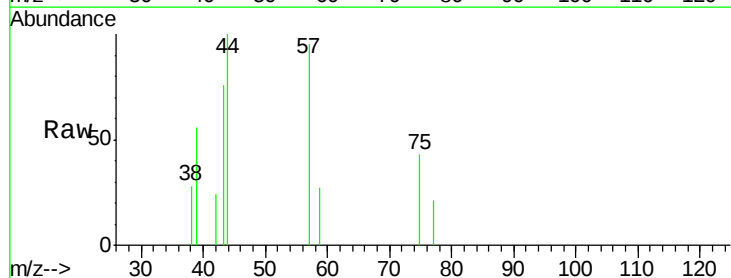
Acq: 09 Mar 2018 02:05

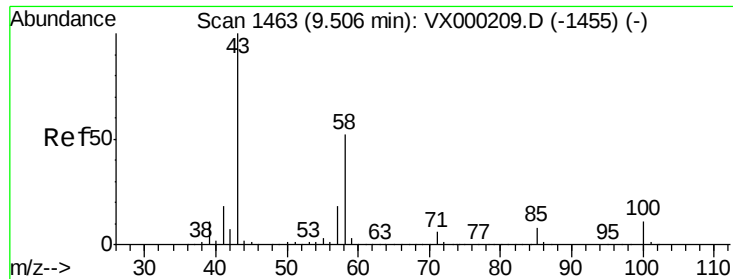
Tgt Ion: 75 Resp: 66

Ion Ratio Lower Upper

75 100

77 49.5 24.8 37.2#

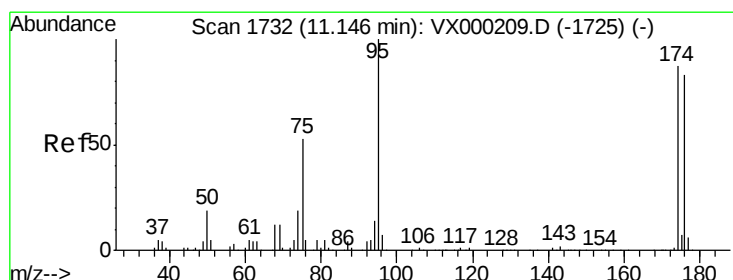
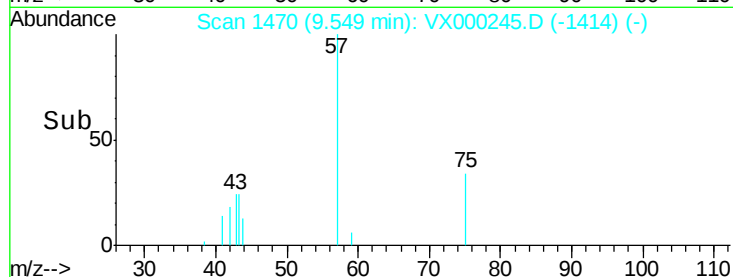
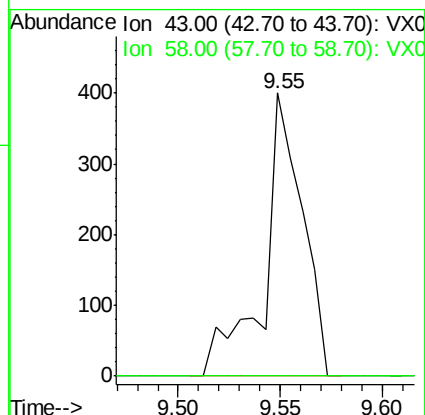
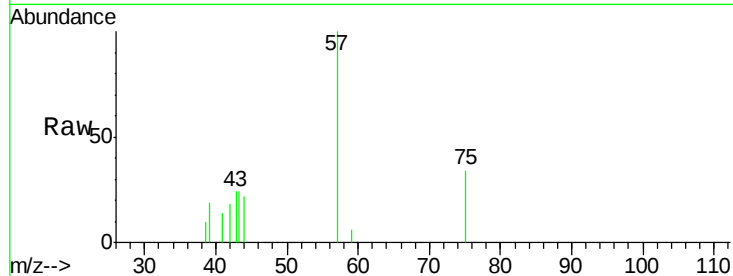




#59
2-Hexanone
Concen: 3.86 ug/l
RT: 9.55 min Scan# 1470
Delta R.T. 0.04 min
Lab File: VX000245.D
Acq: 09 Mar 2018 02:05

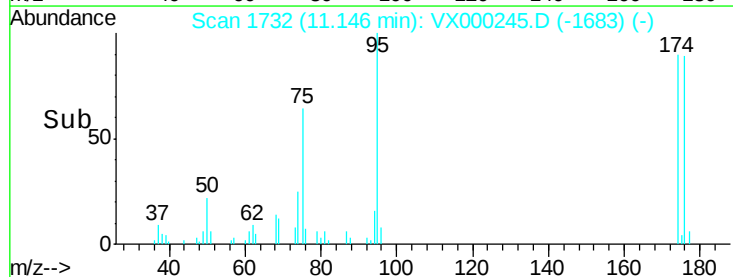
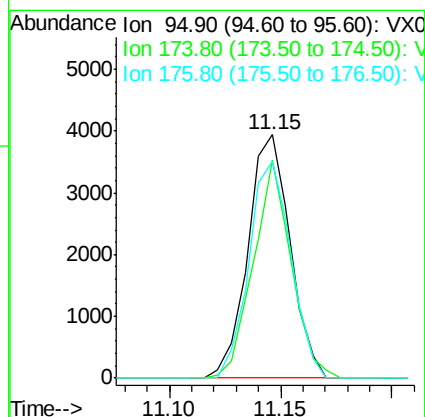
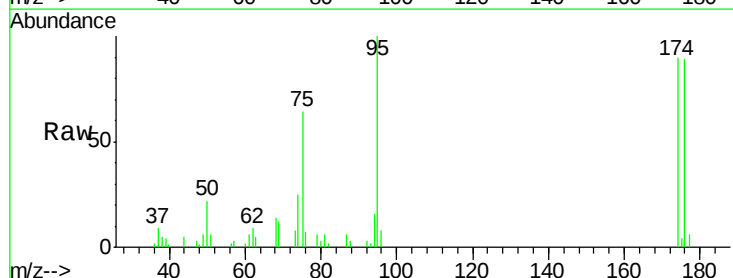
Instrument :
MSVOA_X
ClientSampleId :

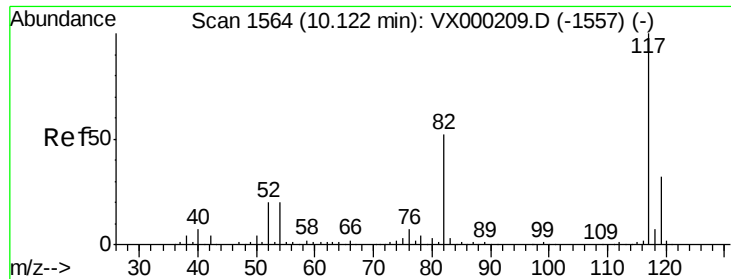
Tot Ion: 43 Resp: 527
Ion Ratio Lower Upper
43 100
58 0.0 26.6 79.7#



#62
4-Bromofluorobenzene
Concen: 45.02 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000245.D
Acq: 09 Mar 2018 02:05

Tgt Ion: 95 Resp: 5214
Ion Ratio Lower Upper
95 100
174 80.2 0.0 175.6
176 88.6 0.0 171.0

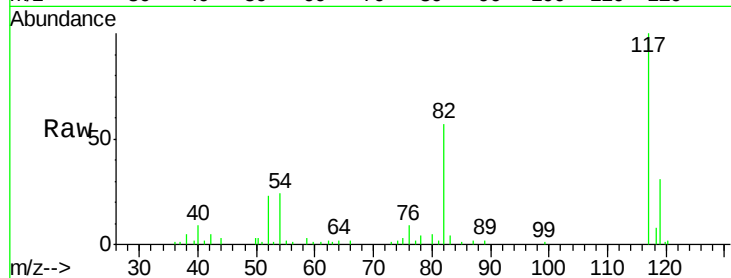




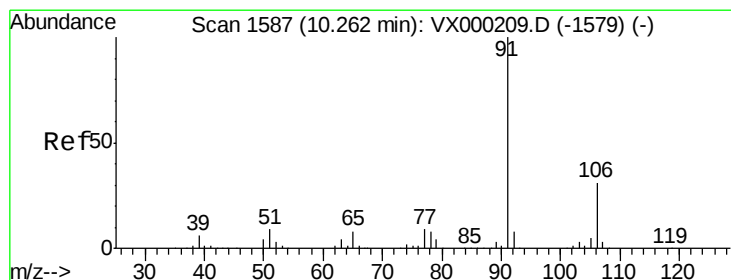
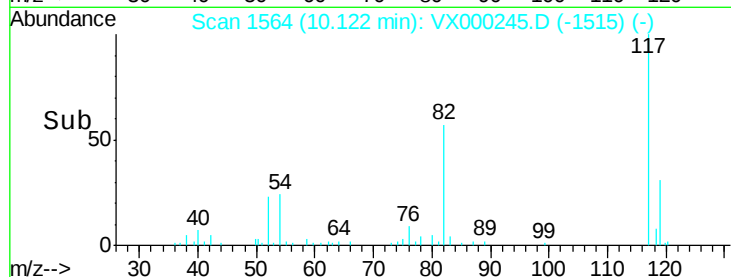
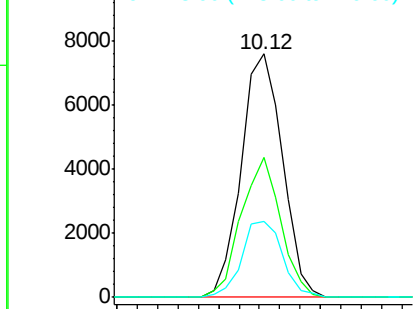
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000245.D
Acq: 09 Mar 2018 02:05

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 10677
Ion Ratio Lower Upper
117 100
82 57.3 42.0 63.0
119 31.1 25.3 37.9

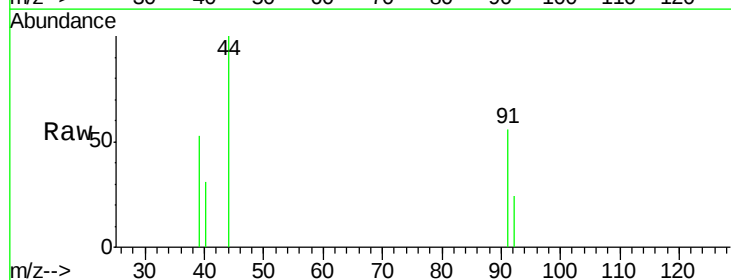


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

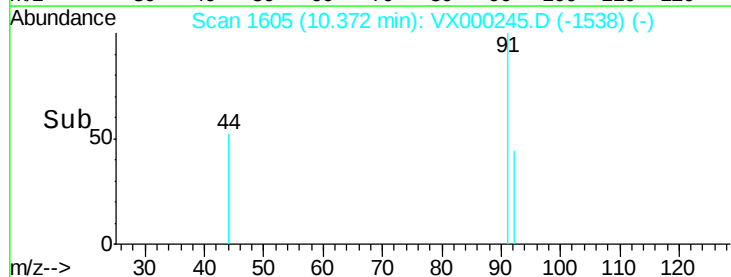
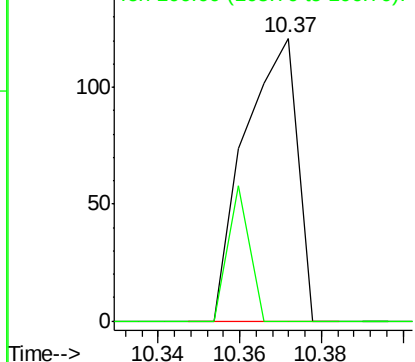


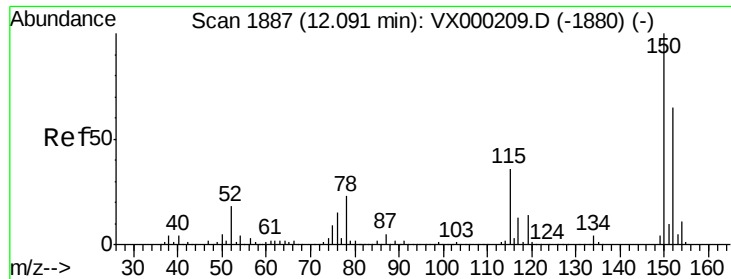
#67
Ethyl Benzene
Concen: 0.29 ug/l
RT: 10.37 min Scan# 1605
Delta R.T. 0.11 min
Lab File: VX000245.D
Acq: 09 Mar 2018 02:05

Tgt Ion: 91 Resp: 109
Ion Ratio Lower Upper
91 100
106 0.0 25.2 37.8#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1887

Delta R.T. -0.00 min

Lab File: VX000245.D

Acq: 09 Mar 2018 02:05

Instrument :

MSVOA_X

ClientSampled :

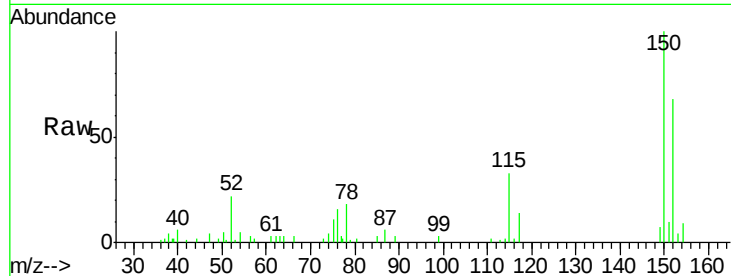
Tot Ion:152 Resp: 5339

Ion Ratio Lower Upper

152 100

115 58.4 39.8 119.3

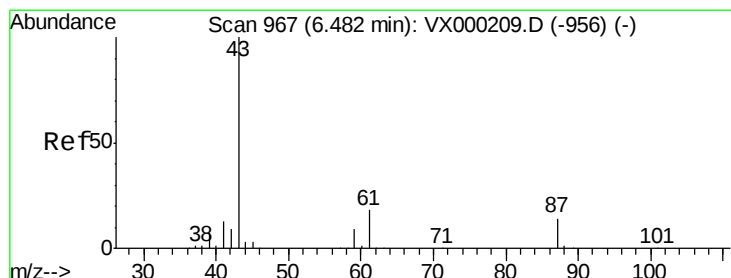
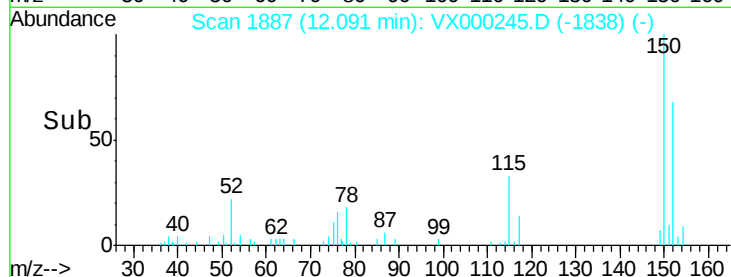
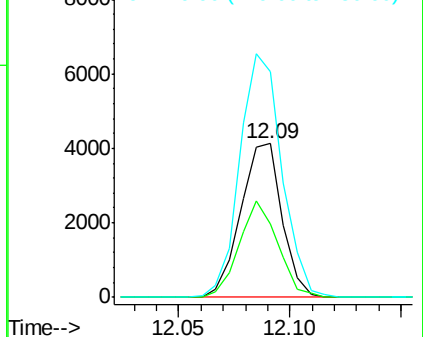
150 160.9 0.0 345.0



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: 8.68 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000245.D

Acq: 09 Mar 2018 02:05

Tgt Ion: 43 Resp: 1484

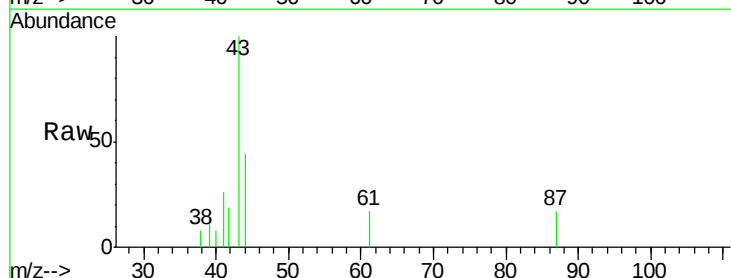
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 6.3 14.8 22.2#

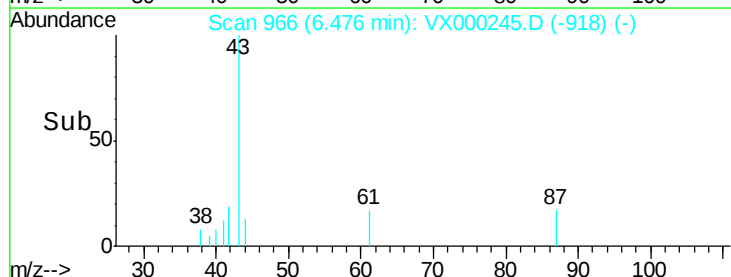
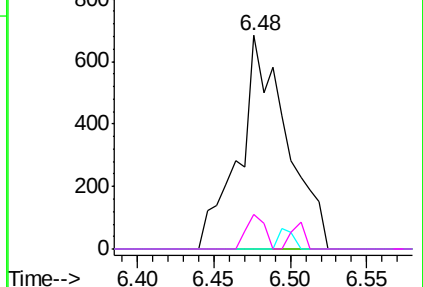


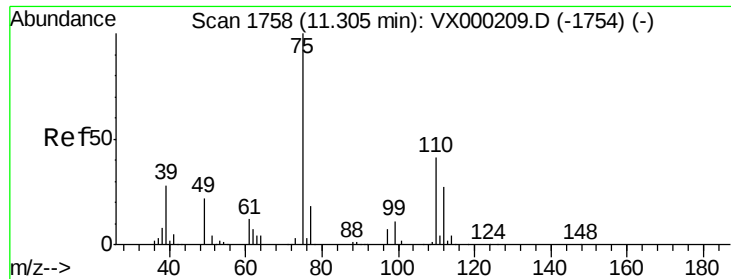
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 28.81 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000245.D

Acq: 09 Mar 2018 02:05

Instrument :

MSVOA_X

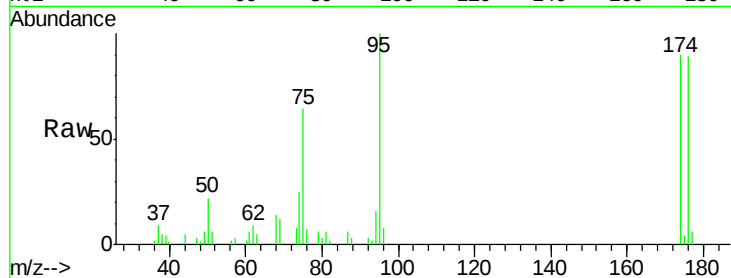
ClientSampleId :

Tot Ion: 75 Resp: 3083

Ion Ratio Lower Upper

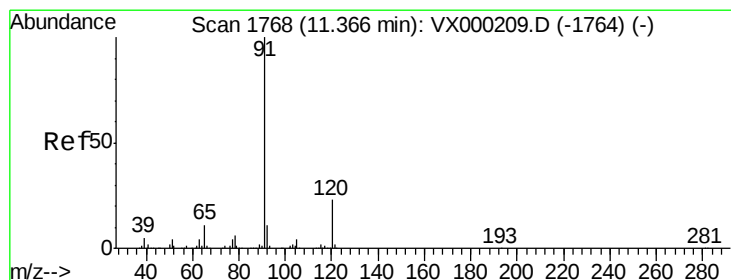
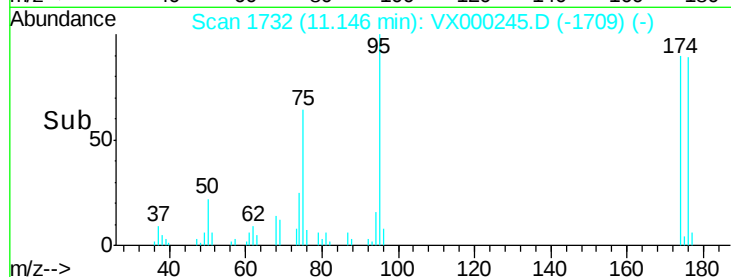
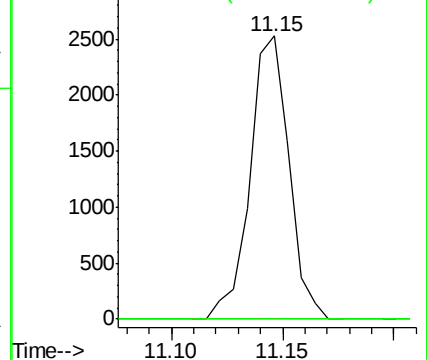
75 100

77 0.0 22.3 66.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 0.27 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000245.D

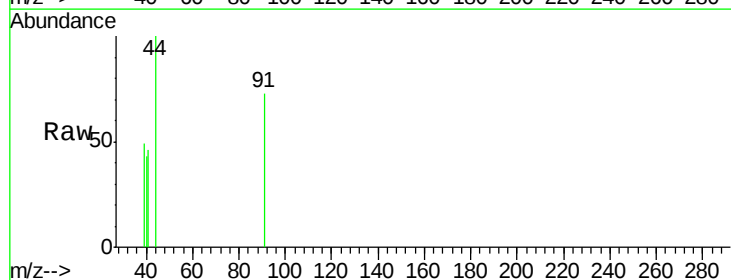
Acq: 09 Mar 2018 02:05

Tgt Ion: 91 Resp: 106

Ion Ratio Lower Upper

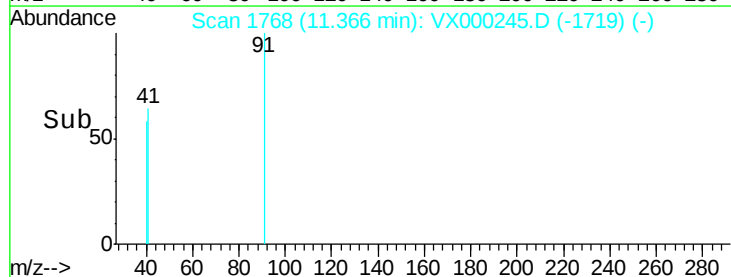
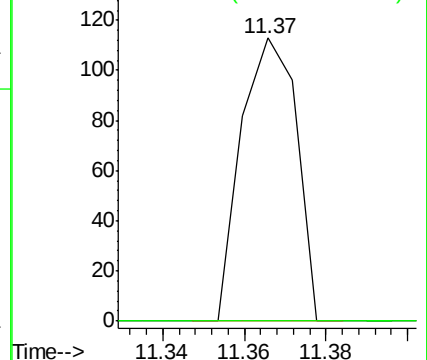
91 100

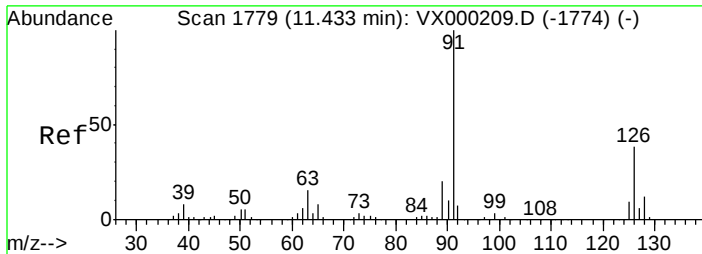
120 0.0 12.2 36.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

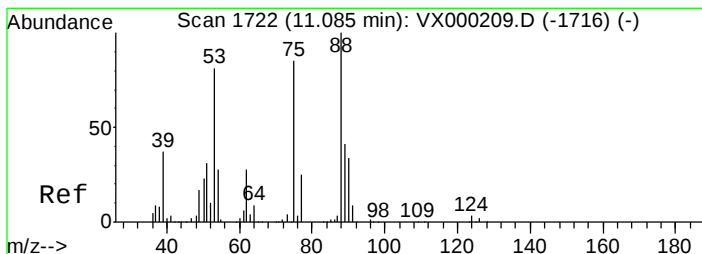
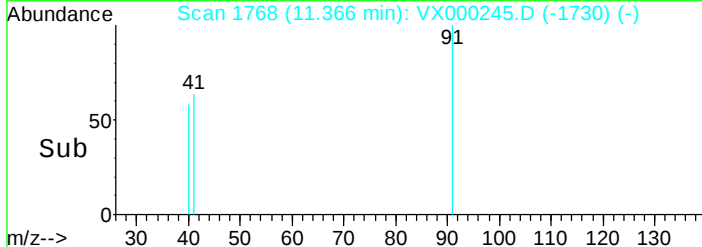
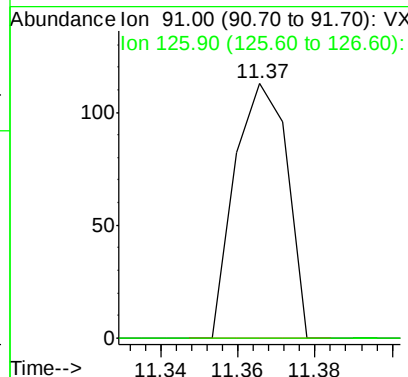
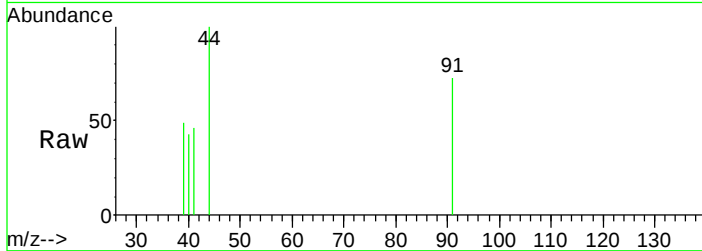




#79
 2-Chlorotoluene
 Concen: 0.48 ug/l
 RT: 11.37 min Scan# 1768
 Delta R.T. -0.07 min
 Lab File: VX000245.D
 Acq: 09 Mar 2018 02:05

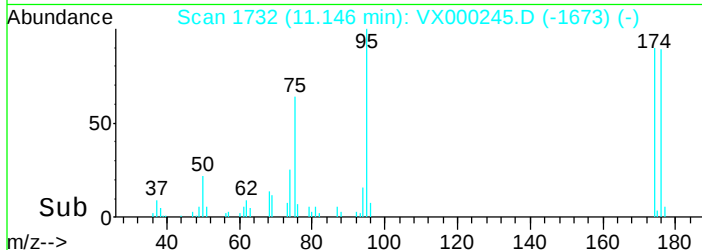
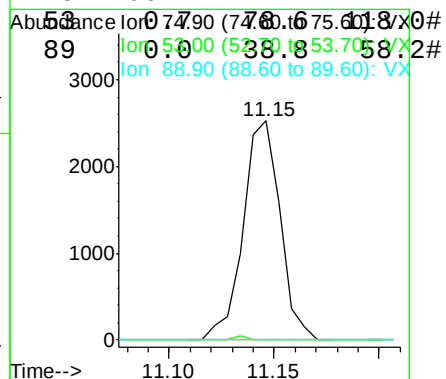
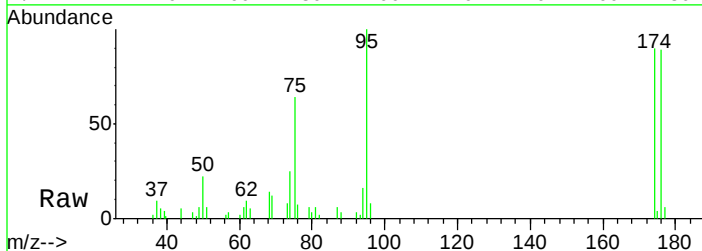
Instrument :
 MSVOA_X
 ClientSampled :

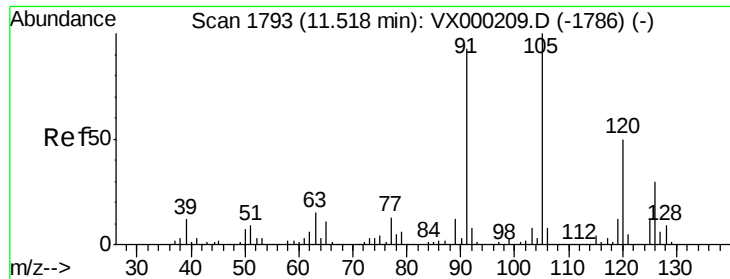
Tot Ion: 91 Resp: 106
 Ion Ratio Lower Upper
 91 100
 126 0.0 18.4 55.2#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.21 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.06 min
 Lab File: VX000245.D
 Acq: 09 Mar 2018 02:05

Tgt Ion: 75 Resp: 3083
 Ion Ratio Lower Upper
 75 100

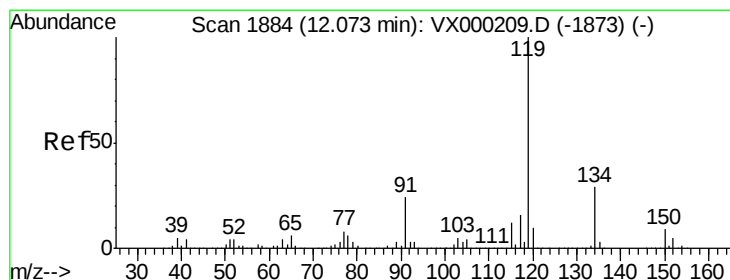
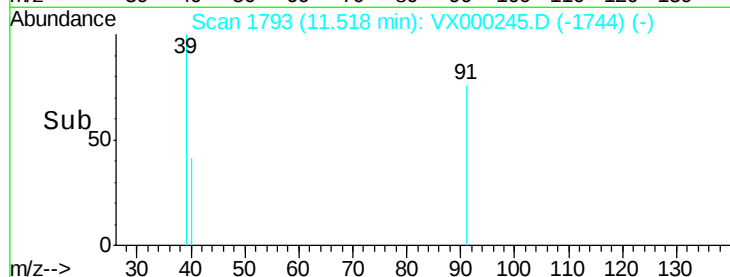
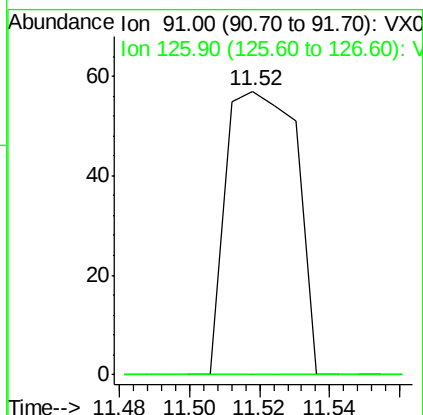
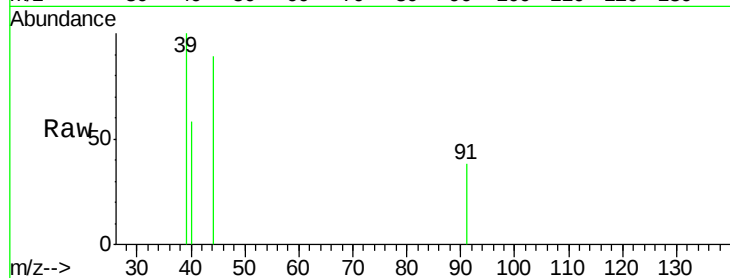




#82
4-Chlorotoluene
Concen: 0.29 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000245.D
Acq: 09 Mar 2018 02:05

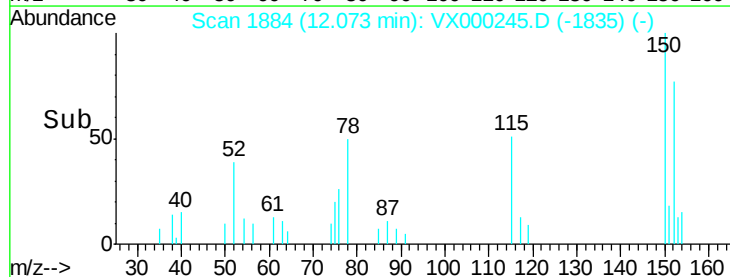
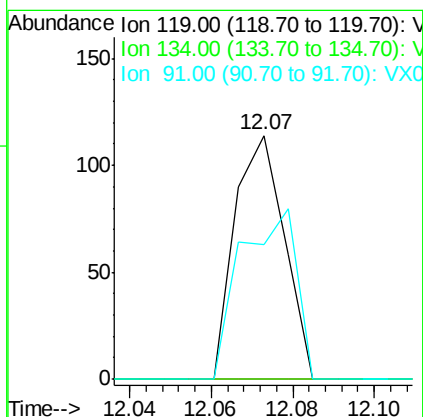
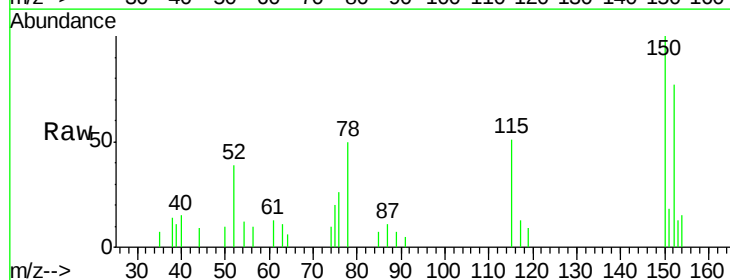
Instrument :
MSVOA_X
ClientSampleId :

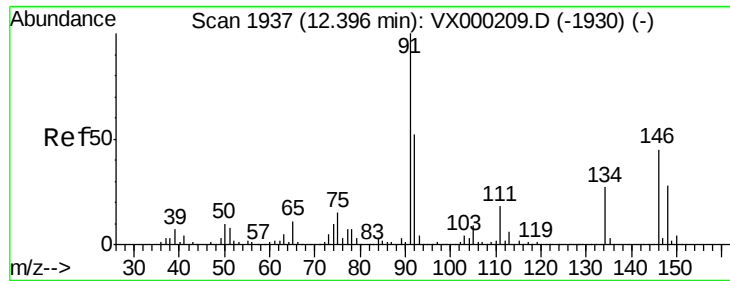
Tot Ion: 91 Resp: 79
Ion Ratio Lower Upper
91 100
126 0.0 16.0 48.0#



#86
p-Isopropyltoluene
Concen: 0.32 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX000245.D
Acq: 09 Mar 2018 02:05

Tgt Ion: 119 Resp: 96
Ion Ratio Lower Upper
119 100
134 0.0 13.8 41.3#
91 79.2 12.0 36.0#





#89

n-Butylbenzene

Concen: 0.49 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. 0.01 min

Lab File: VX000245.D

Acq: 09 Mar 2018 02:05

Instrument :

MSVOA_X

ClientSampleId :

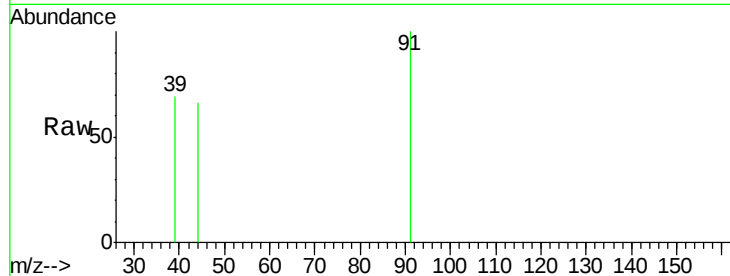
Tot Ion: 91 Resp: 144

Ion Ratio Lower Upper

91 100

92 0.0 25.8 77.4#

134 0.0 13.5 40.5#

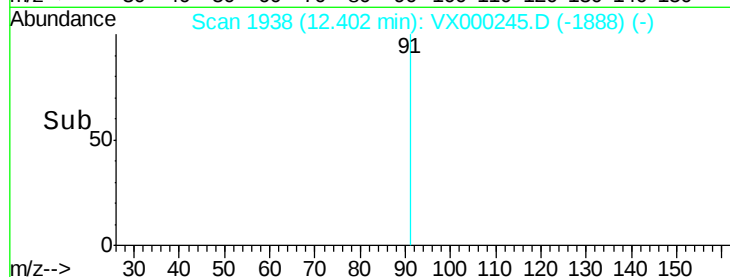


Abundance Ion 91.00 (90.70 to 91.70): VX000209.D (-1930) (-)

Ion 92.00 (91.70 to 92.70): VX000209.D (-1930) (-)

Ion 134.00 (133.70 to 134.70): VX000209.D (-1930) (-)

Time--> 12.36 12.38 12.40 12.42

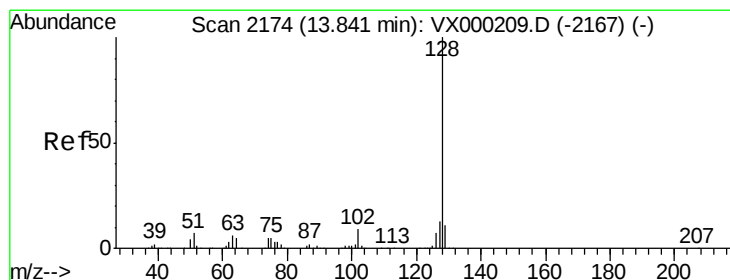


Abundance Ion 91.00 (90.70 to 91.70): VX000245.D (-1888) (-)

Ion 92.00 (91.70 to 92.70): VX000245.D (-1888) (-)

Ion 134.00 (133.70 to 134.70): VX000245.D (-1888) (-)

Time--> 12.36 12.38 12.40 12.42



#95

Naphthalene

Concen: 0.56 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000245.D

Acq: 09 Mar 2018 02:05

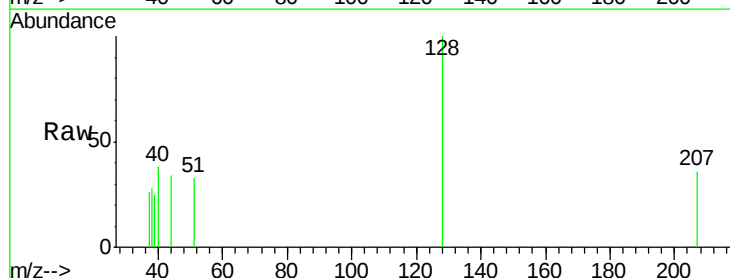
Tgt Ion: 128 Resp: 230

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.6 13.0#

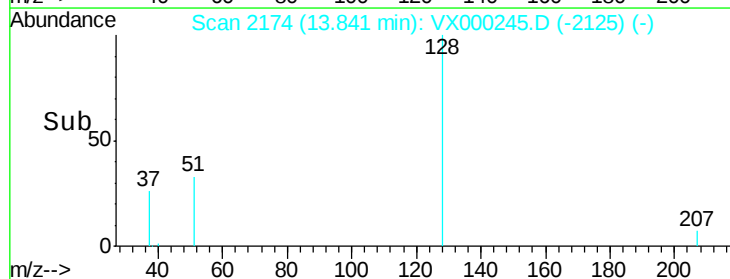


Abundance Ion 128.00 (127.70 to 128.70): VX000209.D (-2167) (-)

Ion 127.00 (126.70 to 127.70): VX000209.D (-2167) (-)

Ion 129.00 (128.70 to 129.70): VX000209.D (-2167) (-)

Time--> 13.80 13.82 13.84 13.86



Abundance Ion 128.00 (127.70 to 128.70): VX000245.D (-2125) (-)

Ion 127.00 (126.70 to 127.70): VX000245.D (-2125) (-)

Ion 129.00 (128.70 to 129.70): VX000245.D (-2125) (-)

Time--> 13.80 13.82 13.84 13.86