

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040418\
 Data File : VX000674.D
 Acq On : 04 Apr 2018 22:59
 Operator : JC/MD
 Sample : J2207-06 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-1

Quant Time: Apr 05 05:24:12 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 05 03:34:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	86536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	149286	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	146630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	74625	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.09	65	63861	43.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.88%	
35) Dibromofluoromethane	5.51	113	47420	46.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.06%	
50) Toluene-d8	8.73	98	187782	43.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.66%	
62) 4-Bromofluorobenzene	11.15	95	65349	38.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.20%	

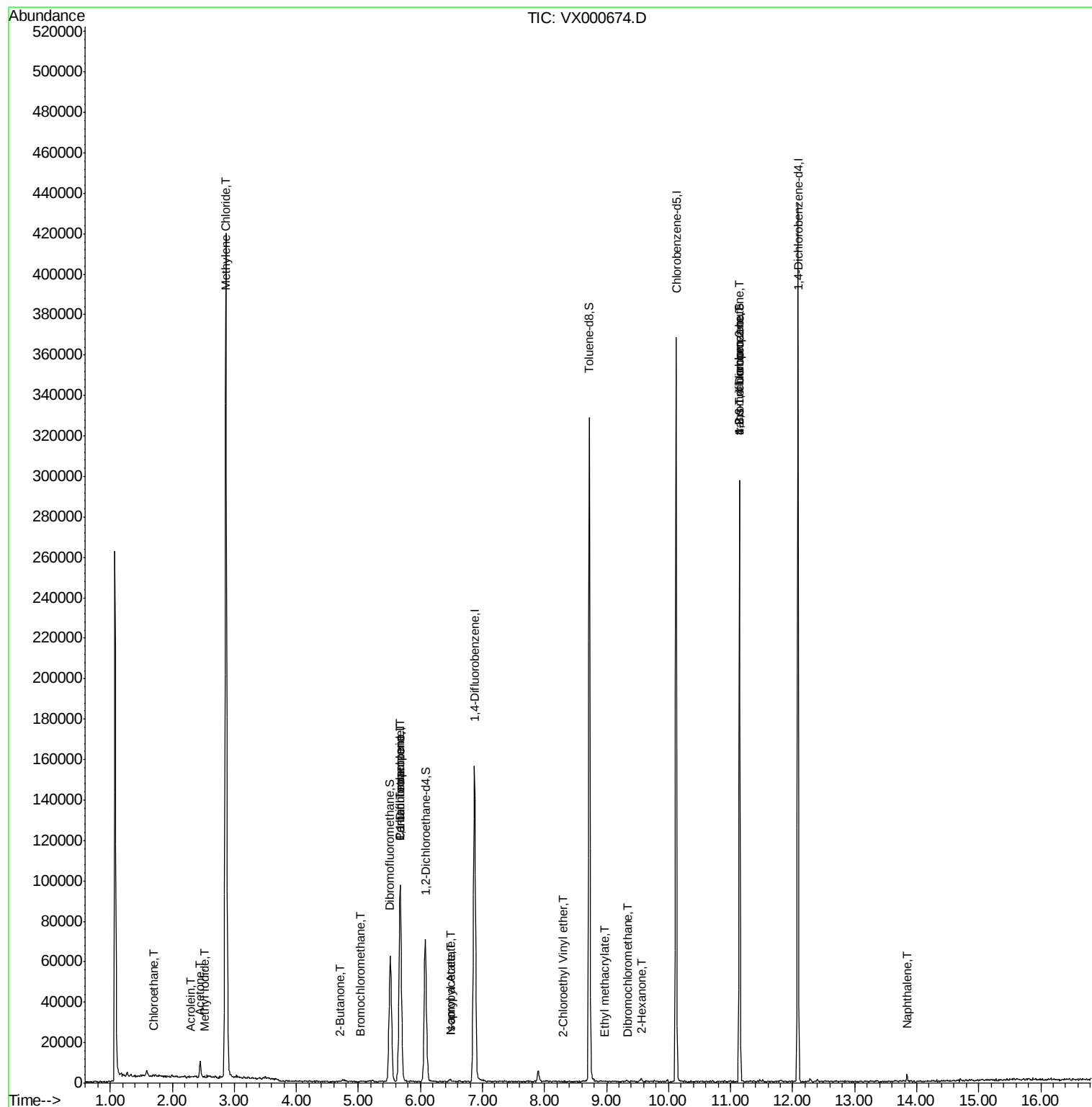
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.71	64	423	0.44	ug/l #	73
10) Methyl Iodide	2.52	142	22	9.36	ug/l #	35
13) Acrolein	2.31	56	91	0.27	ug/l	100
16) Acetone	2.45	43	8193	6.77	ug/l	95
20) Methylene Chloride	2.86	84	174725	126.65	ug/l	98
25) 2-Butanone	4.71	43	446	0.36	ug/l #	50
28) Bromochloromethane	5.04	49	281	0.34	ug/l #	48
36) 1,1-Dichloropropene	5.67	75	7591	5.48	ug/l #	47
38) Carbon Tetrachloride	5.67	117	9504	7.13	ug/l #	16
43) Isopropyl Acetate	6.49	43	1377	0.45	ug/l #	90
56) Ethyl methacrylate	8.98	69	20	4.33	ug/l #	24
58) 2-Chloroethyl Vinyl ether	8.29	63	21	15.57	ug/l #	49
59) 2-Hexanone	9.56	43	526	0.25	ug/l #	28
60) Dibromochloromethane	9.35	129	45	4.54	ug/l #	11
74) N-amyl acetate	6.49	43	1377	0.57	ug/l #	97
76) 1,2,3-Trichloropropane	11.14	75	40241	24.72	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	40241	88.65	ug/l #	7
95) Naphthalene	13.84	128	1970	0.35	ug/l	96

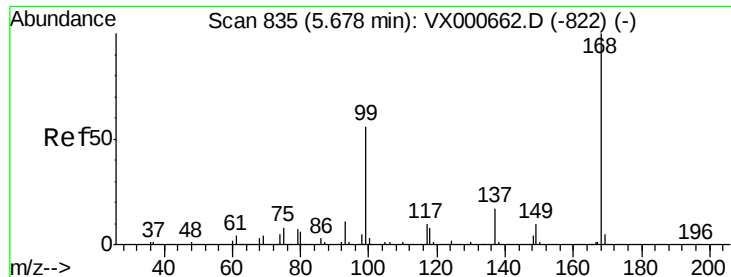
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 05 03:34:50 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000674.D

Acq: 04 Apr 2018 22:59

Instrument :

MSVOA_X

ClientSampleId :

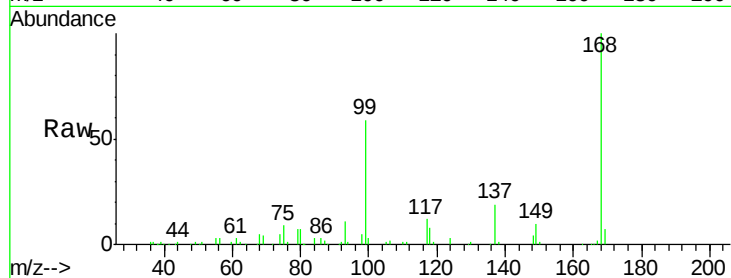
SP-1

Tgt Ion:168 Resp: 86536

Ion Ratio Lower Upper

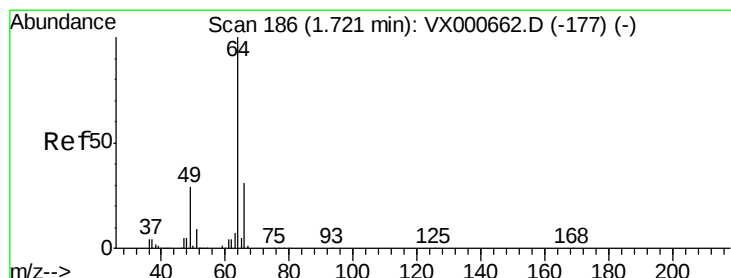
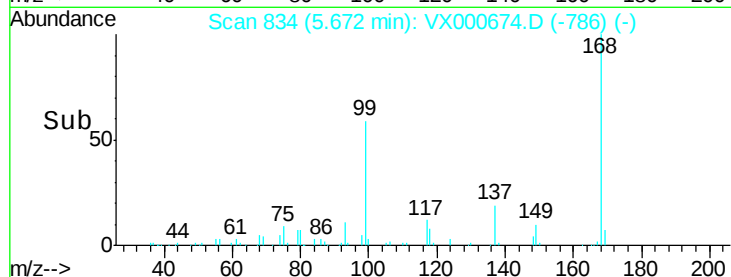
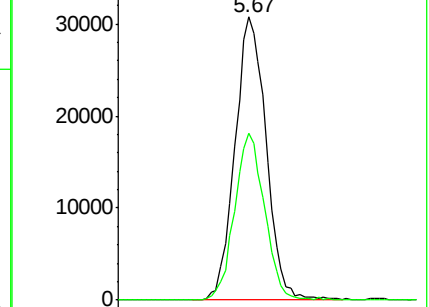
168 100

99 58.9 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: 0.44 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX000674.D

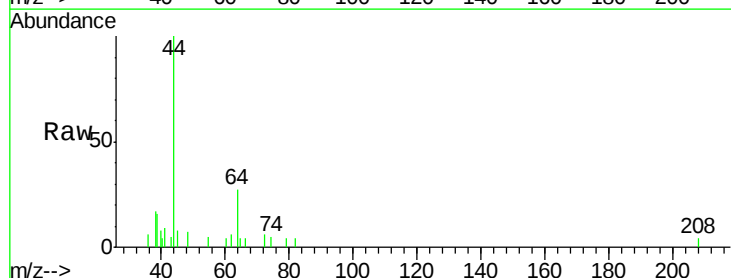
Acq: 04 Apr 2018 22:59

Tgt Ion: 64 Resp: 423

Ion Ratio Lower Upper

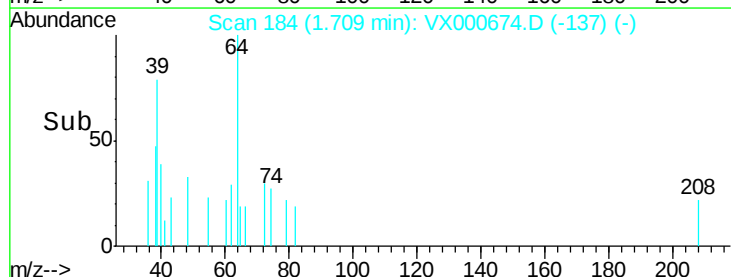
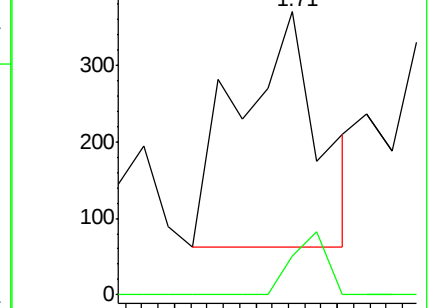
64 100

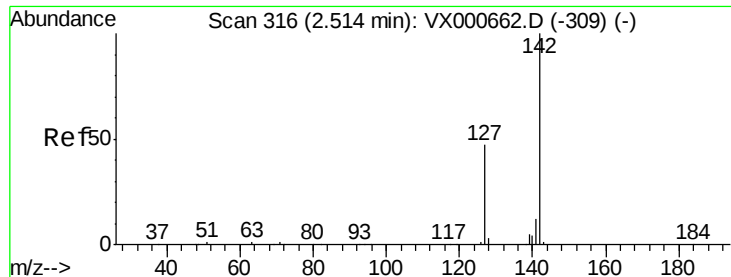
66 16.7 25.0 37.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

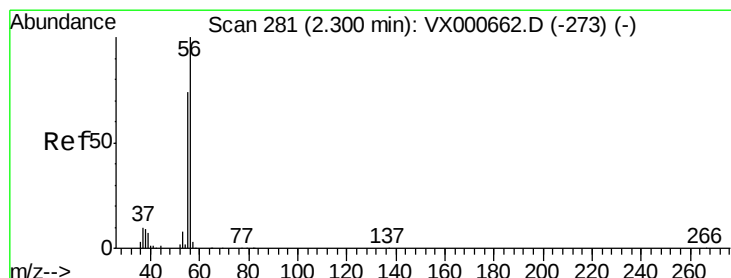
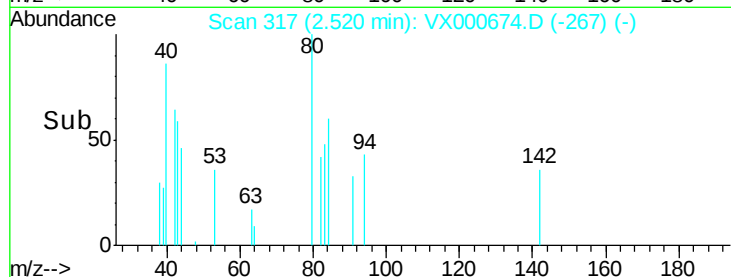
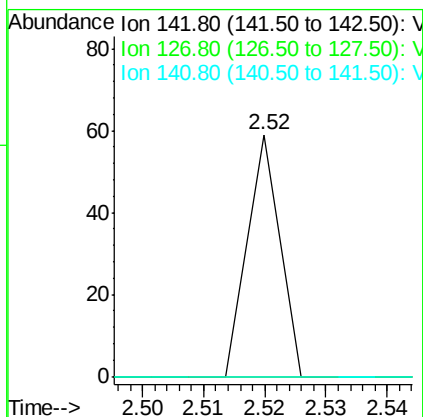
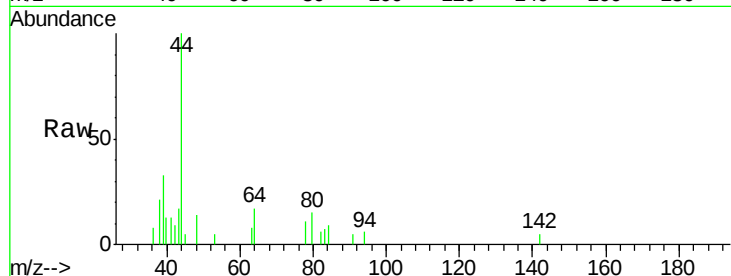




#10
Methyl Iodide
Concen: 9.36 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX000674.D
Acq: 04 Apr 2018 22:59

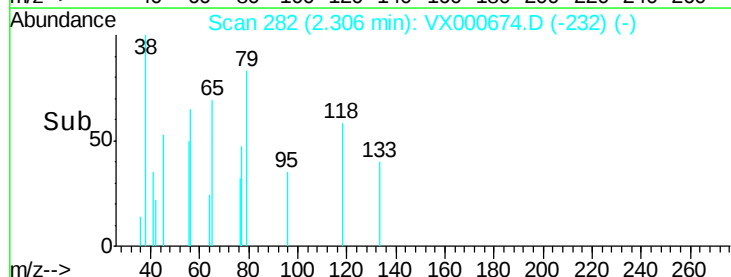
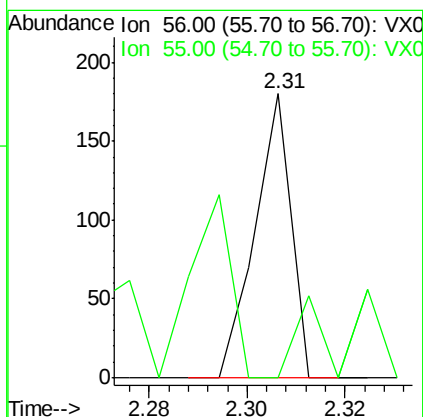
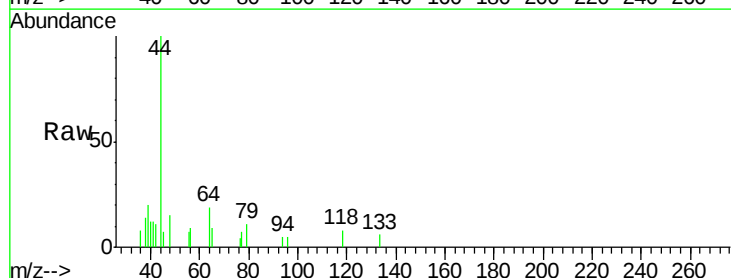
Instrument :
MSVOA_X
ClientSampleId :
SP-1

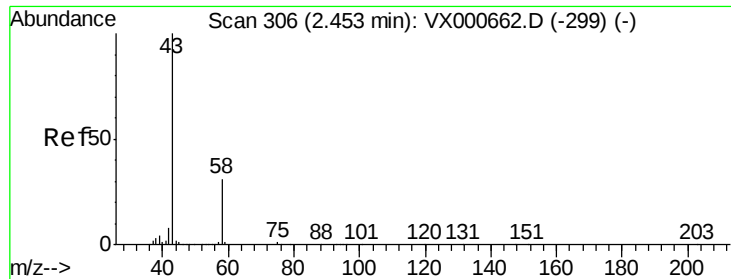
Tgt Ion	Ratio	Lower	Upper
142	100		
127	0.0	40.7	61.1#
141	0.0	11.1	16.7#



#13
Acrolein
Concen: 0.27 ug/l
RT: 2.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: VX000674.D
Acq: 04 Apr 2018 22:59

Tgt Ion	Ratio	Lower	Upper
56	100		
55	72.5	58.1	87.1





#16

Acetone

Concen: 6.77 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000674.D

Acq: 04 Apr 2018 22:59

Instrument :

MSVOA_X

ClientSampled :

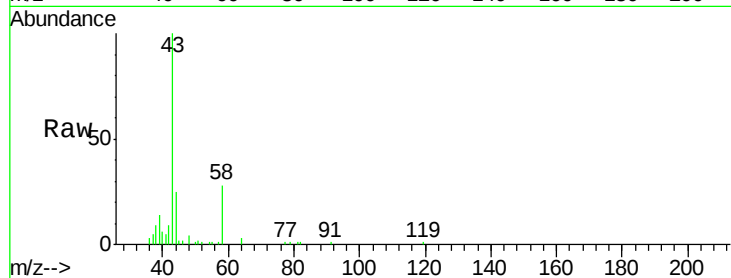
SP-1

Tgt Ion: 43 Resp: 8193

Ion Ratio Lower Upper

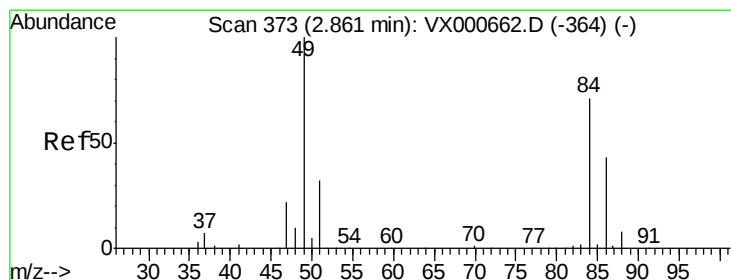
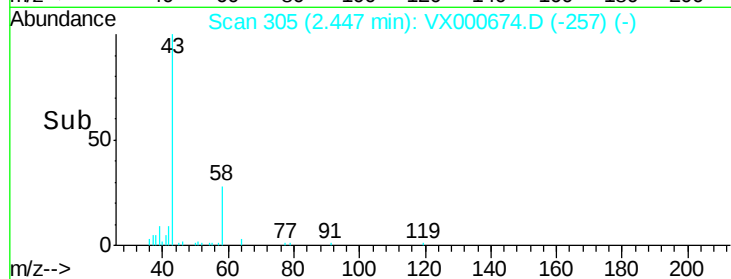
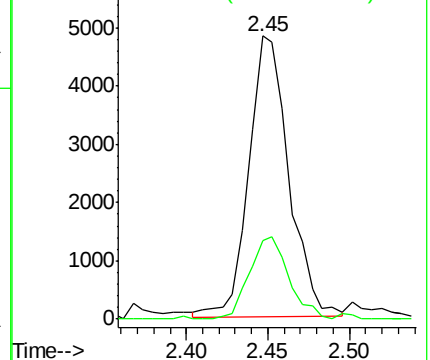
43 100

58 28.4 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: 126.65 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX000674.D

Acq: 04 Apr 2018 22:59

Tgt Ion: 84 Resp: 174725

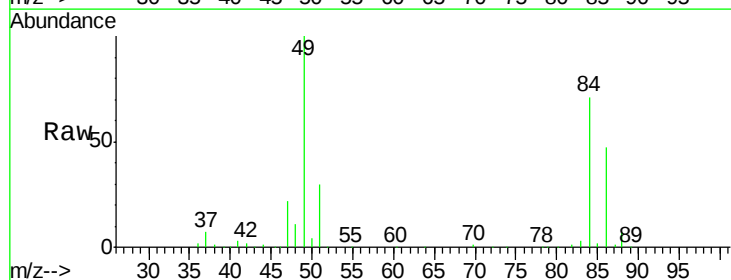
Ion Ratio Lower Upper

84 100

49 139.9 112.1 168.1

51 42.4 35.4 53.0

86 65.5 48.7 73.1

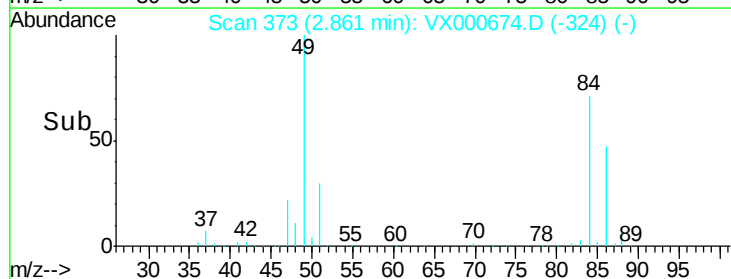
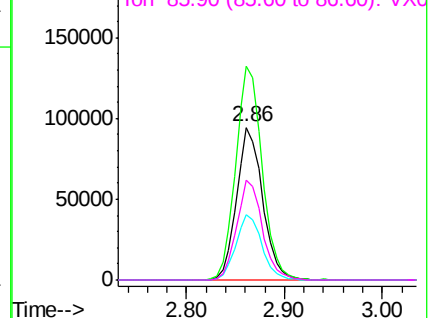


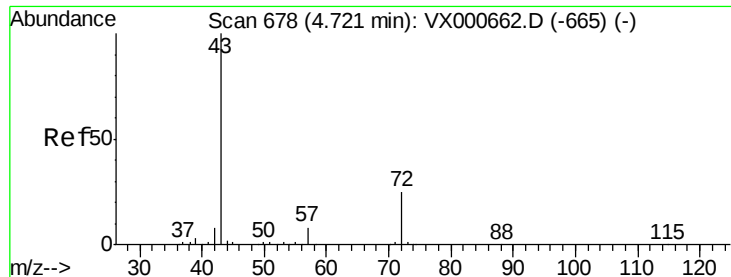
Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 0.36 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000674.D

Acq: 04 Apr 2018 22:59

Instrument :

MSVOA_X

ClientSampleId :

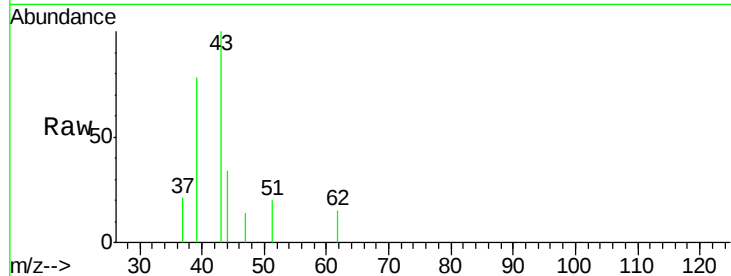
SP-1

Tgt Ion: 43 Resp: 446

Ion Ratio Lower Upper

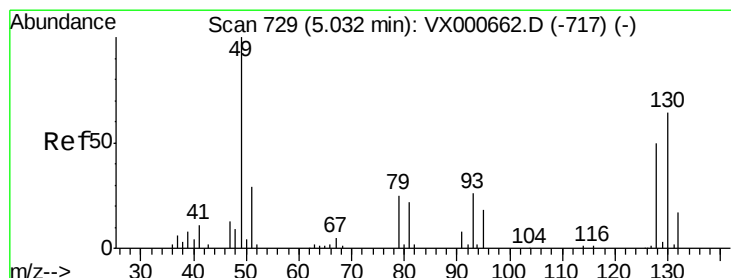
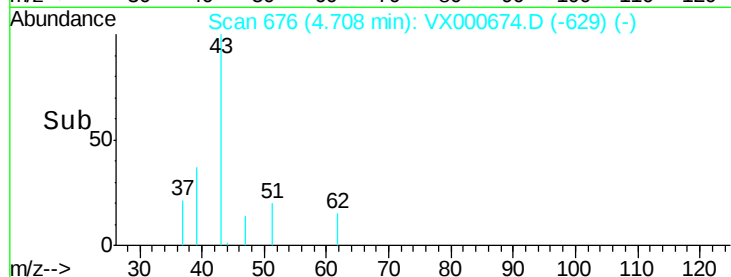
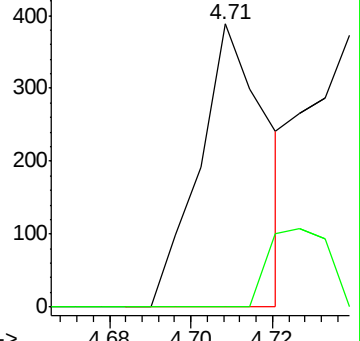
43 100

72 0.0 20.0 30.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#28

Bromochloromethane

Concen: 0.34 ug/l

RT: 5.04 min Scan# 730

Delta R.T. 0.01 min

Lab File: VX000674.D

Acq: 04 Apr 2018 22:59

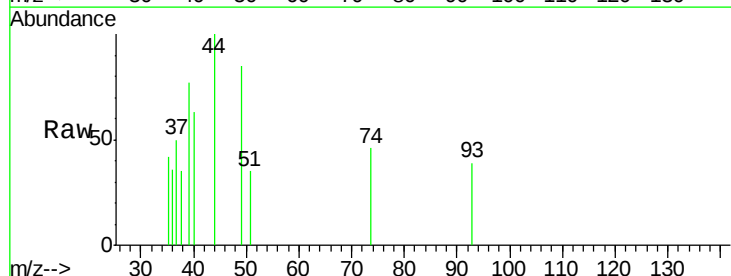
Tgt Ion: 49 Resp: 281

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.8

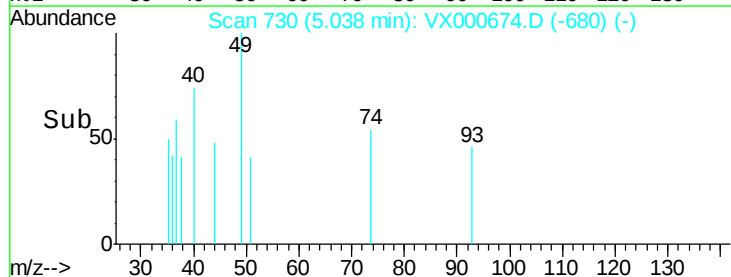
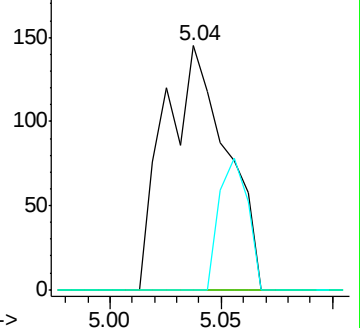
130 24.6 53.8 80.6#

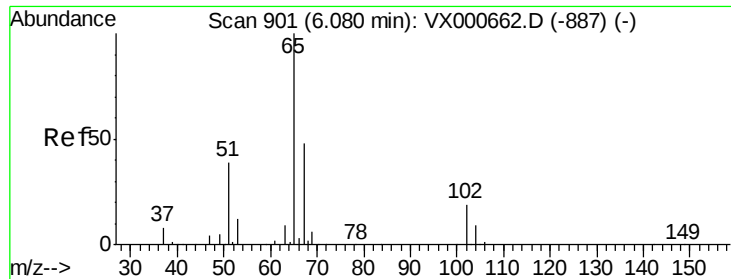


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#33

1,2-Dichloroethane-d4

Concen: 43.44 ug/l

RT: 6.09 min Scan# 902

Delta R.T. 0.01 min

Lab File: VX000674.D

Acq: 04 Apr 2018 22:59

Instrument :

MSVOA_X

ClientSampleId :

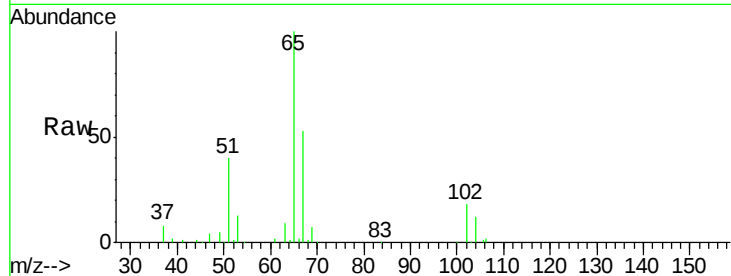
SP-1

Tgt Ion: 65 Resp: 63861

Ion Ratio Lower Upper

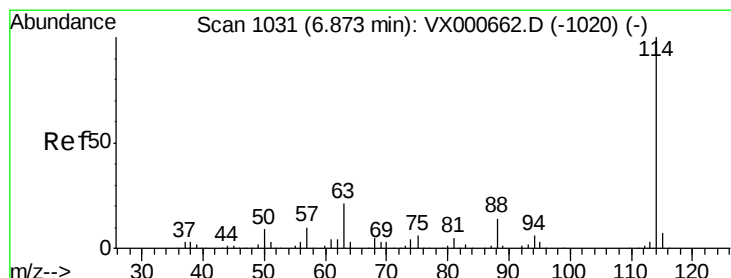
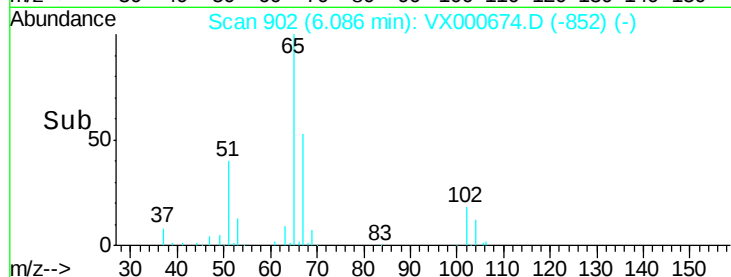
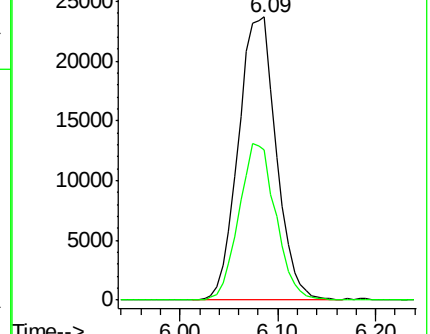
65 100

67 53.7 0.0 99.8



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: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000674.D

Acq: 04 Apr 2018 22:59

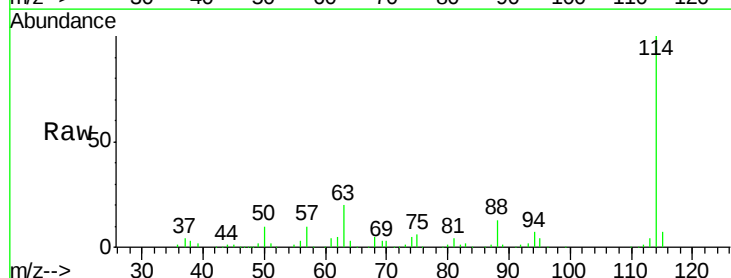
Tgt Ion: 114 Resp: 149286

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.6

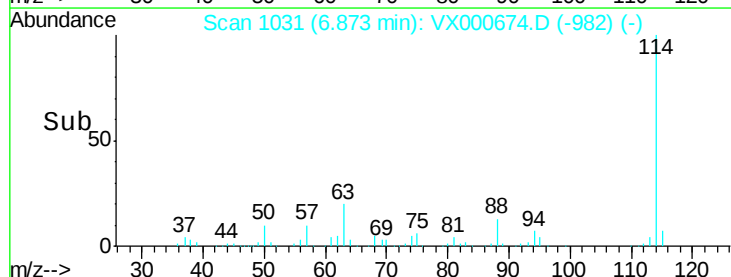
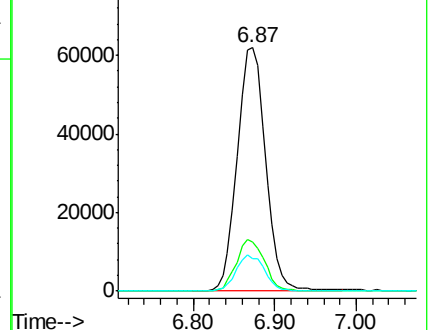
88 13.4 0.0 28.6

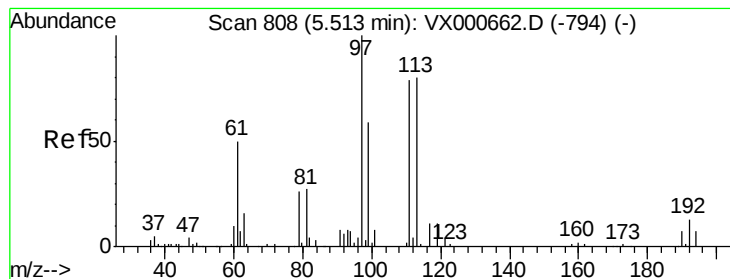


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.53 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000674.D

Acq: 04 Apr 2018 22:59

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ClientSampleId :

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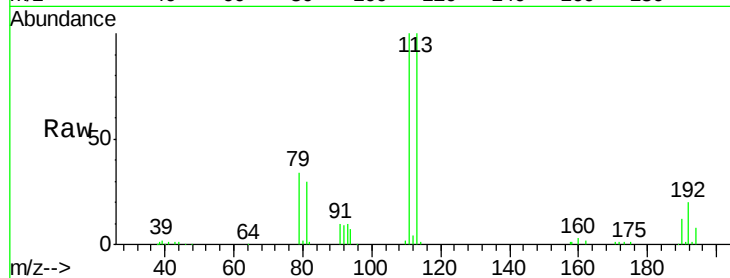
Tgt Ion:113 Resp: 47420

Ion Ratio Lower Upper

113 100

111 100.0 82.0 123.0

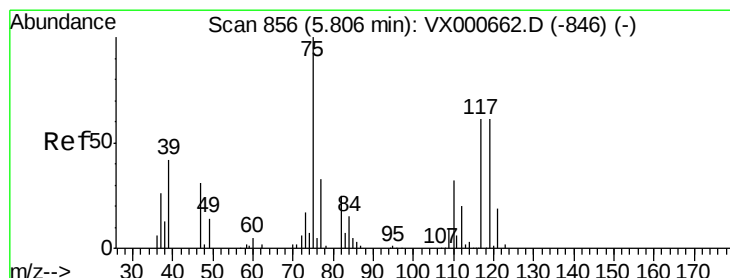
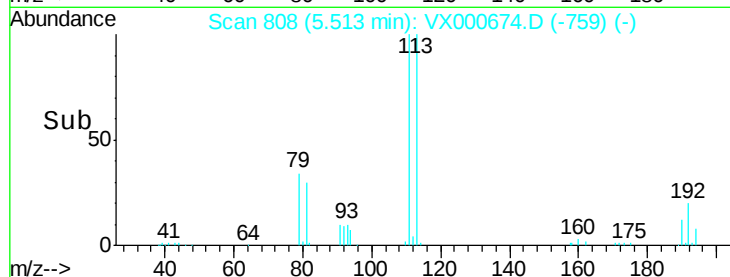
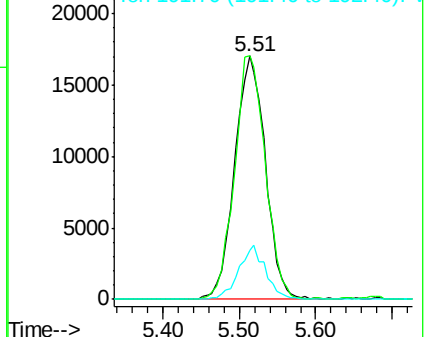
192 19.5 14.3 21.5



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: 5.48 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX000674.D

Acq: 04 Apr 2018 22:59

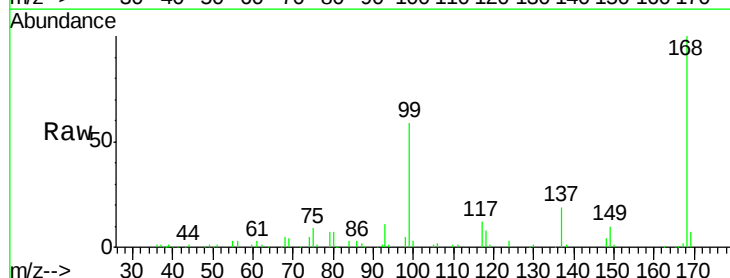
Tgt Ion: 75 Resp: 7591

Ion Ratio Lower Upper

75 100

110 4.8 16.3 48.9#

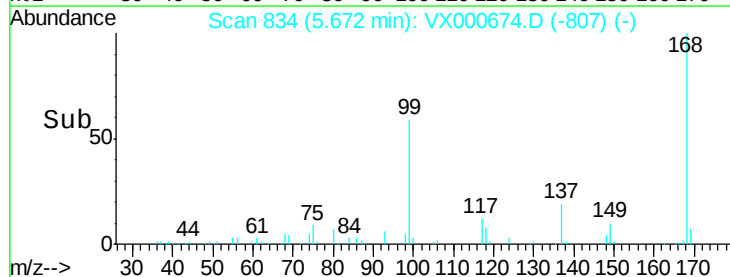
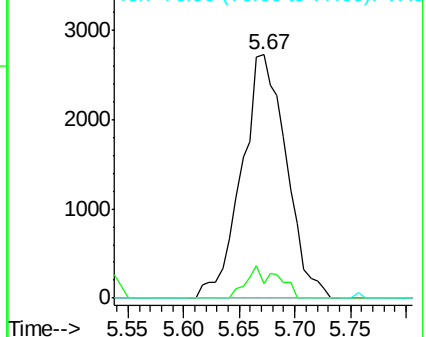
77 0.0 24.3 36.5#

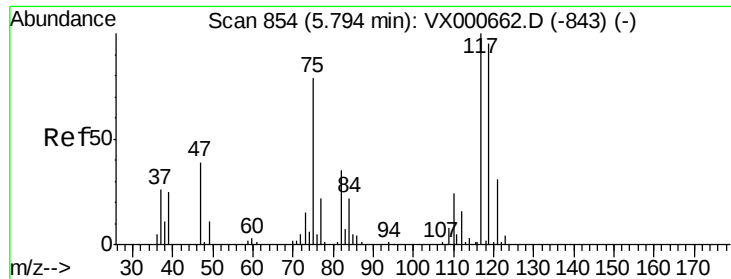


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 7.13 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX000674.D

Acq: 04 Apr 2018 22:59

Instrument :

MSVOA_X

ClientSampleId :

SP-1

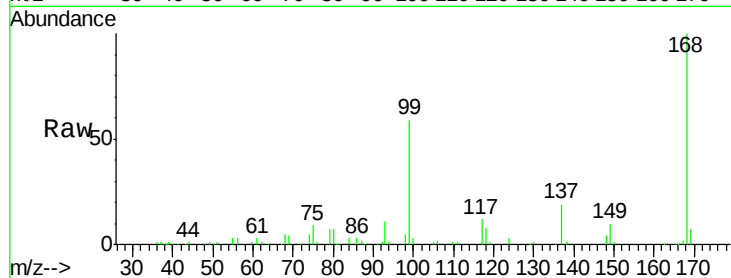
Tgt Ion: 117 Resp: 9504

Ion Ratio Lower Upper

117 100

119 5.0 76.1 114.1#

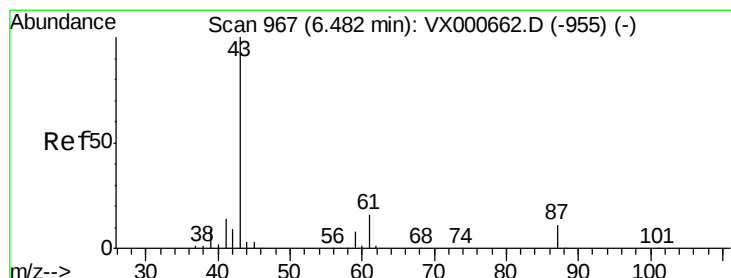
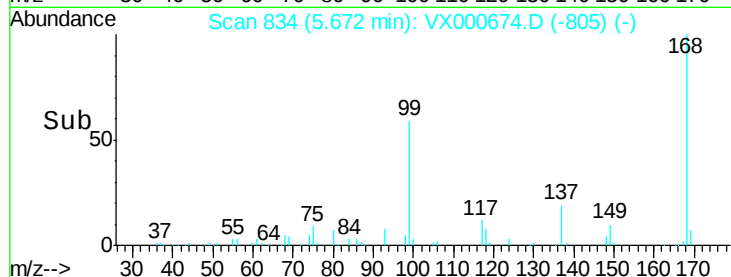
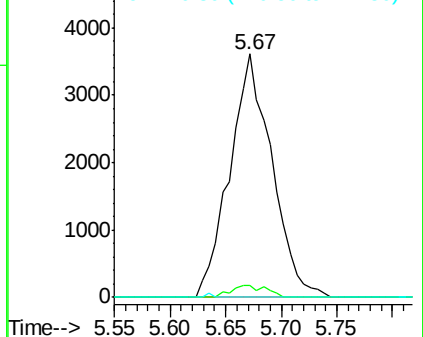
121 0.0 24.8 37.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 0.45 ug/l

RT: 6.49 min Scan# 968

Delta R.T. 0.01 min

Lab File: VX000674.D

Acq: 04 Apr 2018 22:59

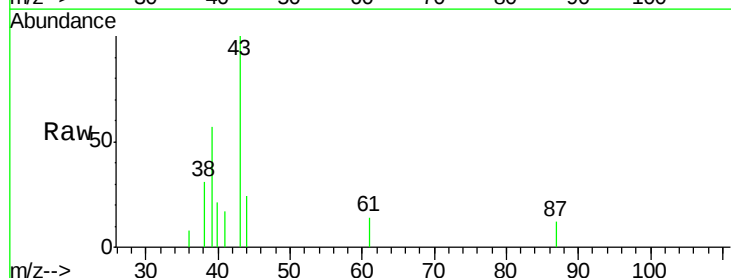
Tgt Ion: 43 Resp: 1377

Ion Ratio Lower Upper

43 100

61 15.4 13.4 20.2

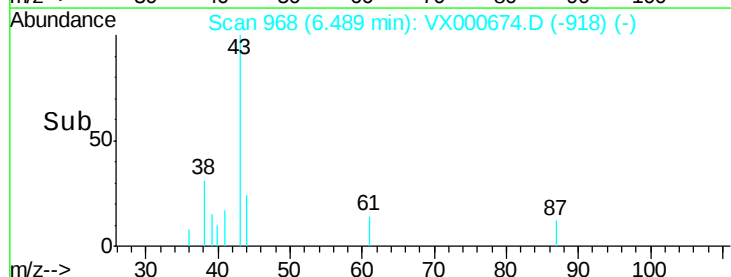
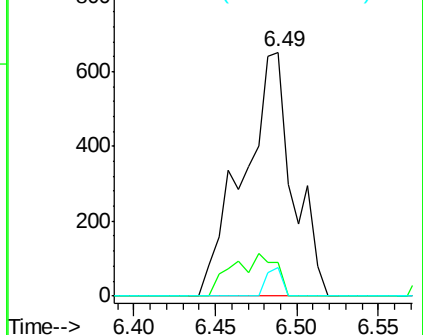
87 3.7 9.4 14.0#

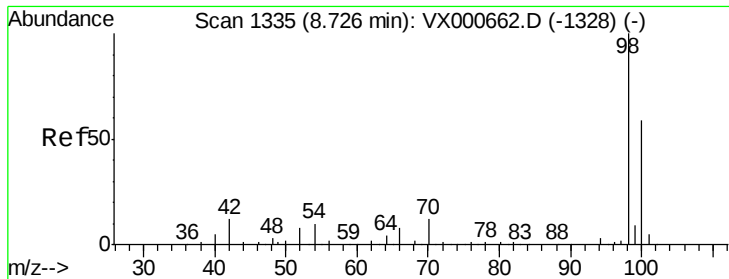


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

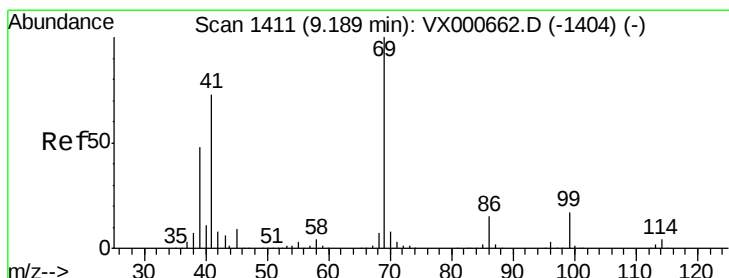
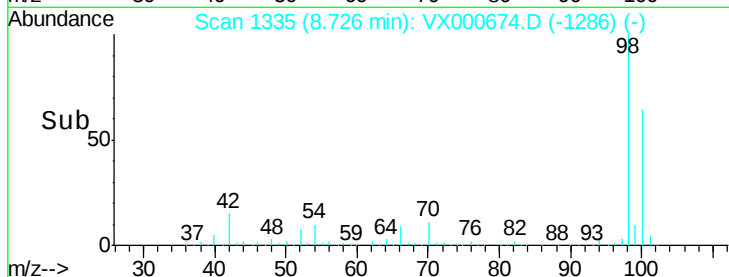
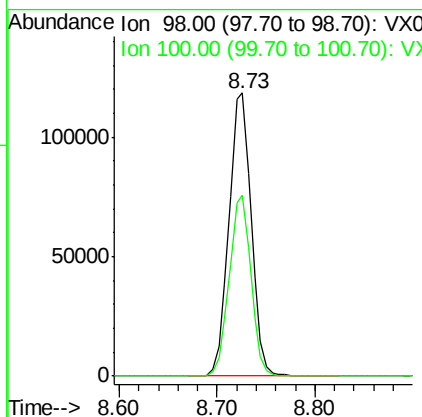
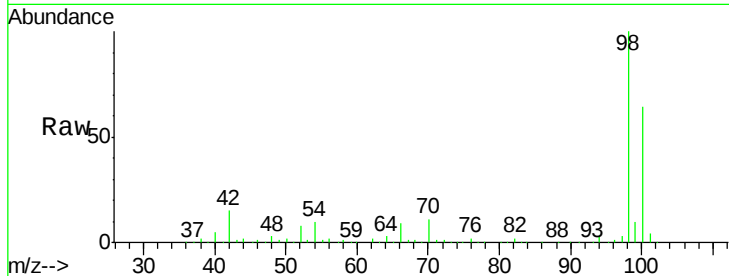




#50
Toluene-d8
Concen: 43.33 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000674.D
Acq: 04 Apr 2018 22:59

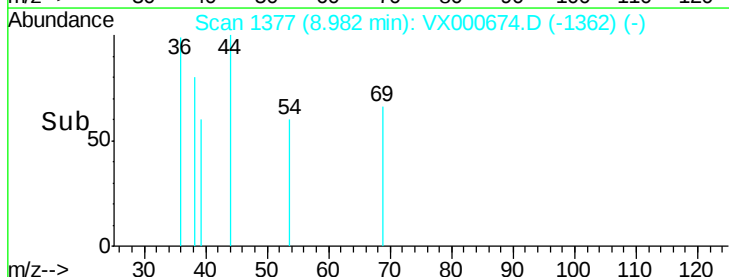
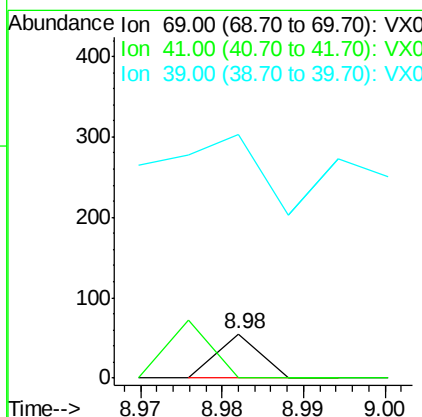
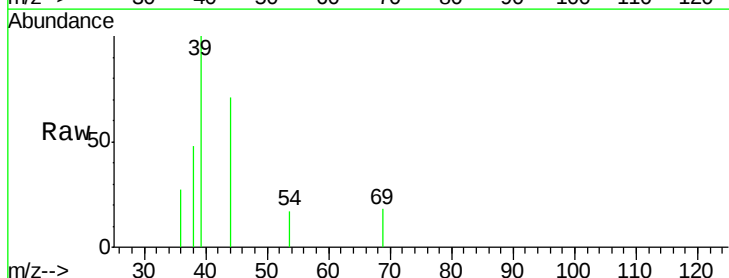
Instrument :
MSVOA_X
ClientSampled :
SP-1

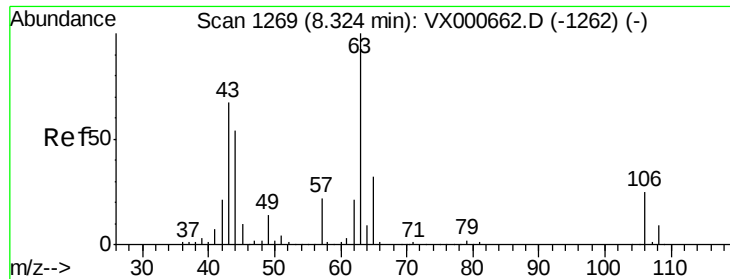
Tgt Ion: 98 Resp: 187782
Ion Ratio Lower Upper
98 100
100 62.3 51.0 76.6



#56
Ethyl methacrylate
Concen: 4.33 ug/l
RT: 8.98 min Scan# 1377
Delta R.T. -0.21 min
Lab File: VX000674.D
Acq: 04 Apr 2018 22:59

Tgt Ion: 69 Resp: 20
Ion Ratio Lower Upper
69 100
41 135.0 56.5 84.7#
39 0.0 39.8 59.8#

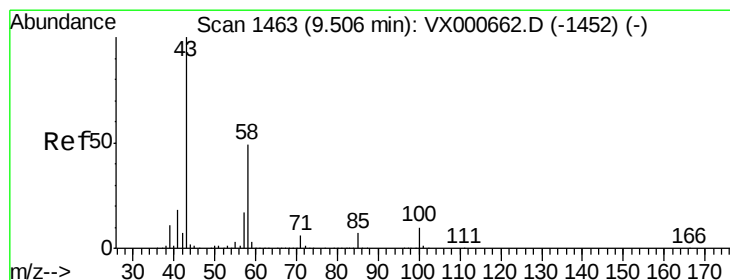
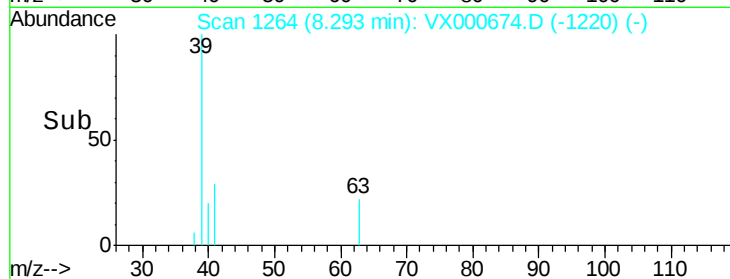
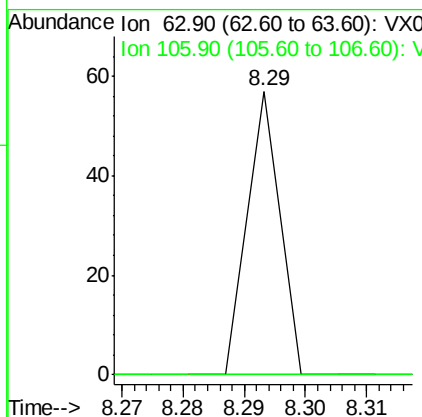
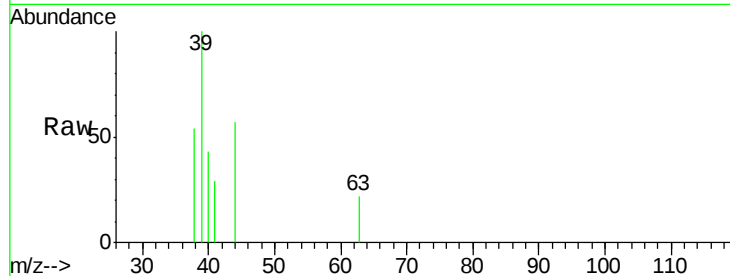




#58
 2-Chloroethyl Vinyl ether
 Concen: 15.57 ug/l
 RT: 8.29 min Scan# 1264
 Delta R.T. -0.03 min
 Lab File: VX000674.D
 Acq: 04 Apr 2018 22:59

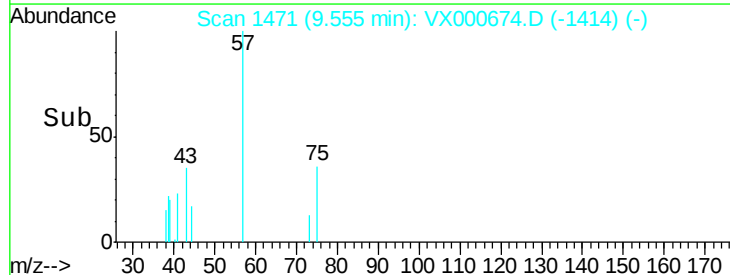
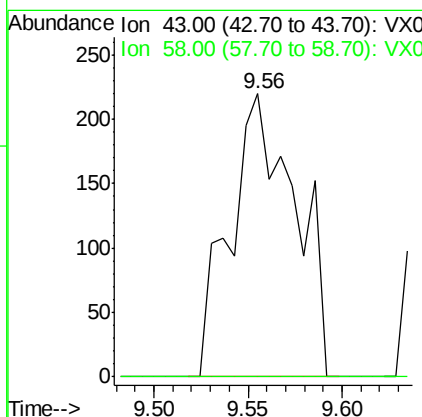
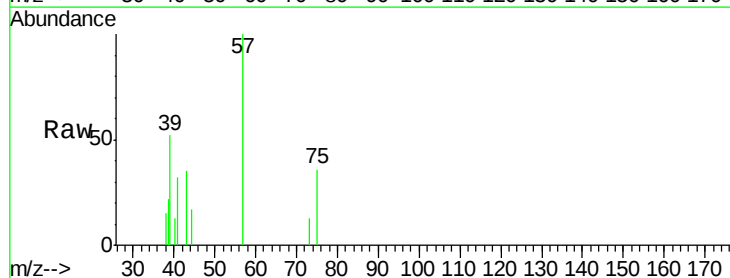
Instrument :
 MSVOA_X
 ClientSampled :
 SP-1

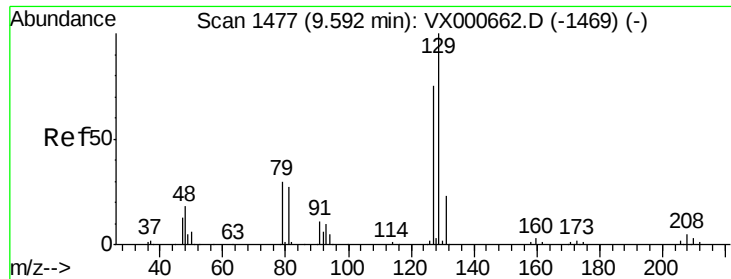
Tgt Ion: 63 Resp: 21
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.5 30.7#



#59
 2-Hexanone
 Concen: 0.25 ug/l
 RT: 9.56 min Scan# 1471
 Delta R.T. 0.05 min
 Lab File: VX000674.D
 Acq: 04 Apr 2018 22:59

Tgt Ion: 43 Resp: 526
 Ion Ratio Lower Upper
 43 100
 58 0.0 24.8 74.3#

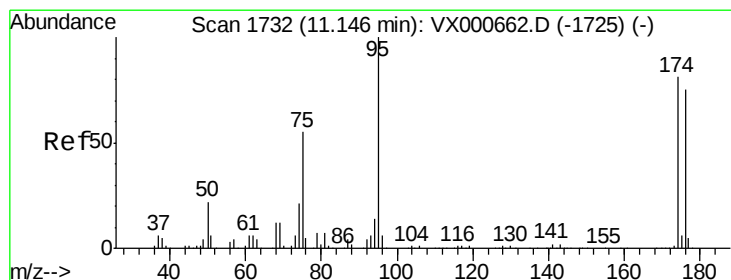
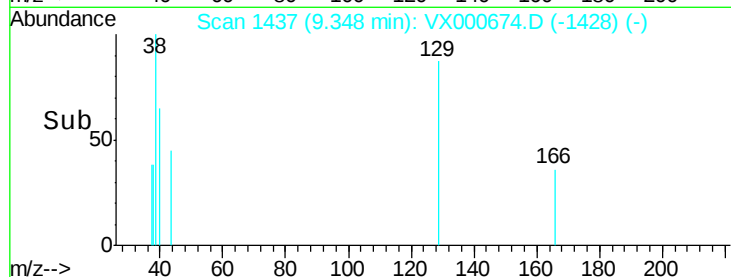
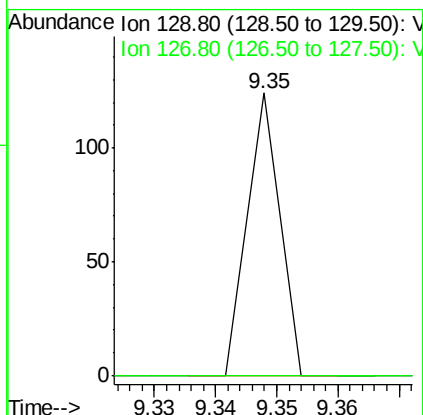
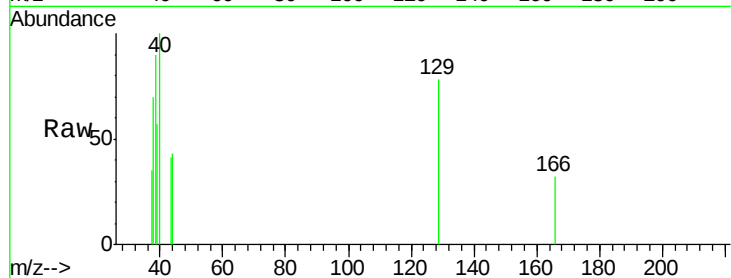




#60
 Dibromochloromethane
 Concen: 4.54 ug/l
 RT: 9.35 min Scan# 1437
 Delta R.T. -0.24 min
 Lab File: VX000674.D
 Acq: 04 Apr 2018 22:59

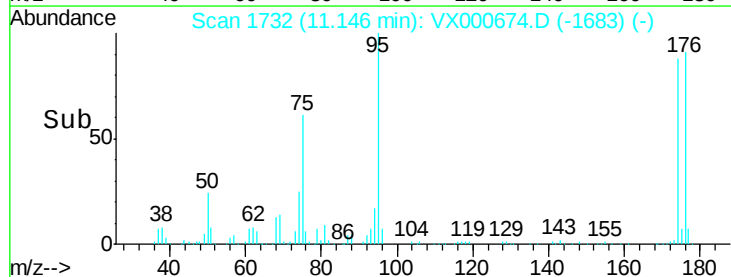
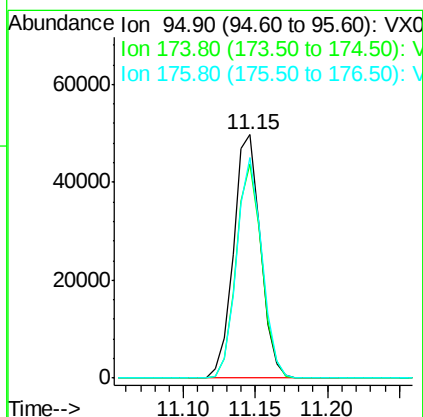
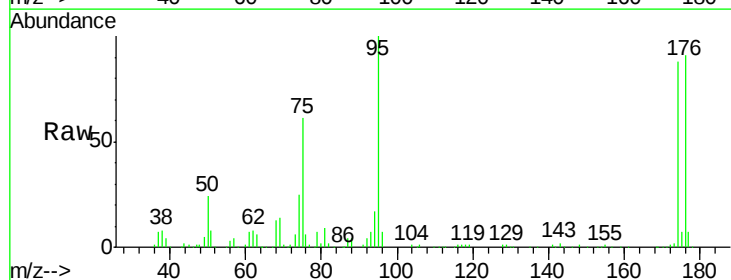
Instrument :
 MSVOA_X
 ClientSampled :
 SP-1

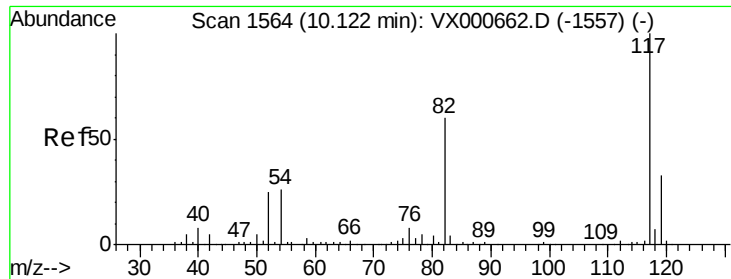
Tgt Ion: 129 Resp: 45
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.7 116.1#



#62
 4-Bromofluorobenzene
 Concen: 38.10 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: VX000674.D
 Acq: 04 Apr 2018 22:59

Tgt Ion: 95 Resp: 65349
 Ion Ratio Lower Upper
 95 100
 174 83.3 0.0 156.8
 176 84.7 0.0 150.6

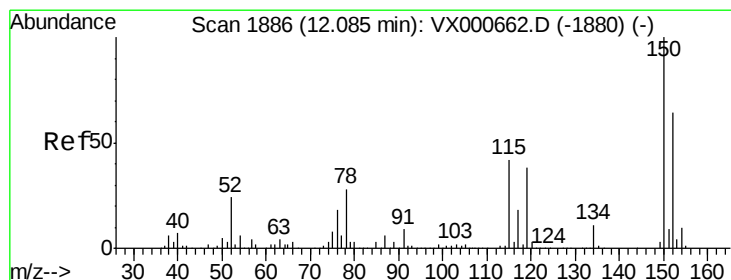
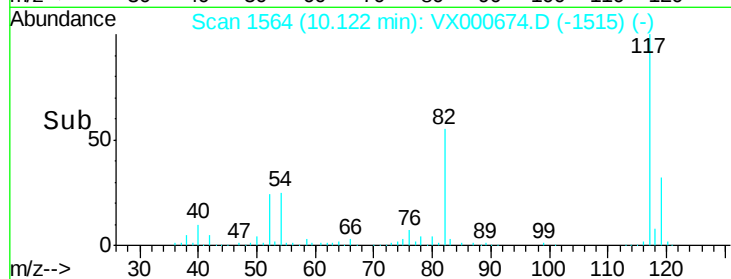
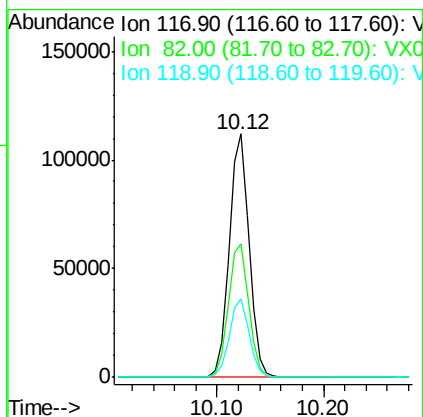
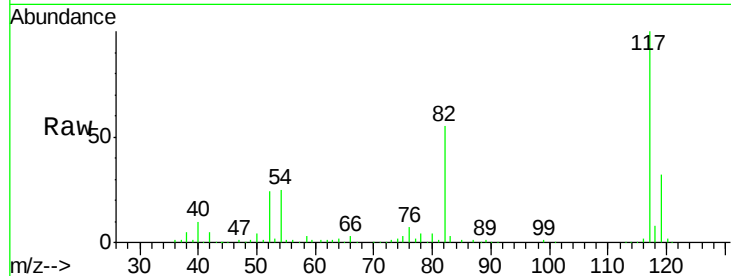




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000674.D
Acq: 04 Apr 2018 22:59

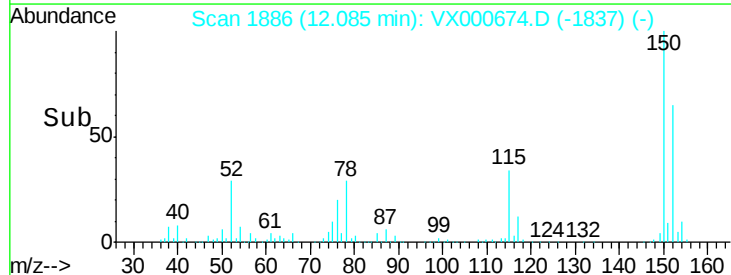
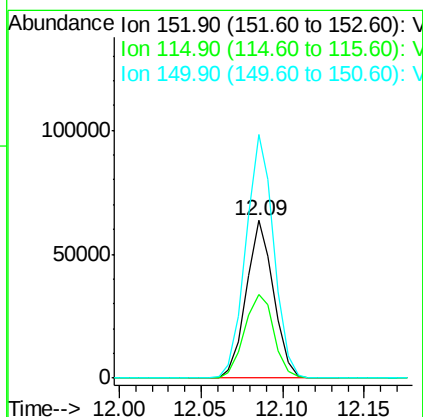
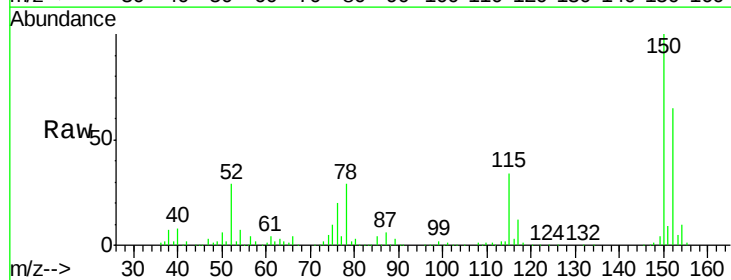
Instrument :
MSVOA_X
ClientSampled :
SP-1

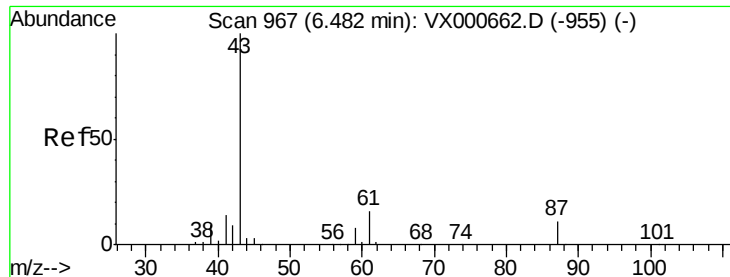
Tgt Ion:117 Resp: 146630
Ion Ratio Lower Upper
117 100
82 55.1 48.3 72.5
119 32.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000674.D
Acq: 04 Apr 2018 22:59

Tgt Ion:152 Resp: 74625
Ion Ratio Lower Upper
152 100
115 57.0 41.9 125.8
150 157.1 0.0 348.0





#74

N-ethyl acetate

Concen: 0.57 ug/l

RT: 6.49 min Scan# 968

Delta R.T. 0.01 min

Lab File: VX000674.D

Acq: 04 Apr 2018 22:59

Instrument :

MSVOA_X

ClientSampled :

SP-1

Tgt Ion: 43 Resp: 1377

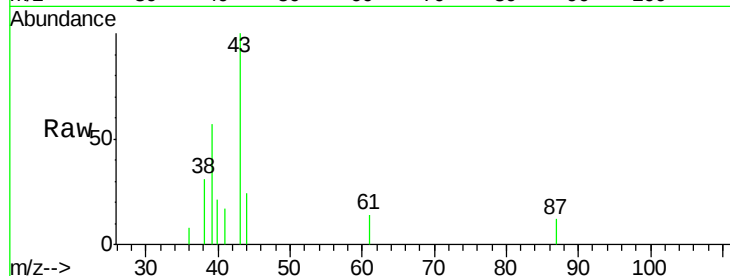
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 15.4 13.4 20.2

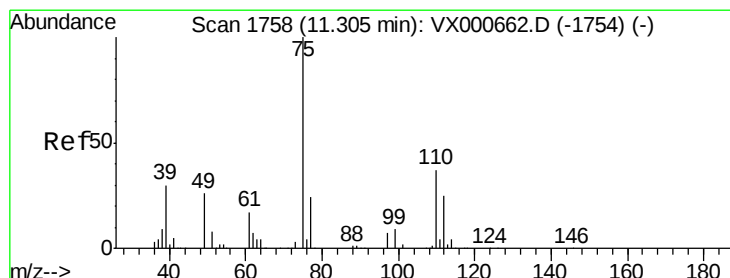
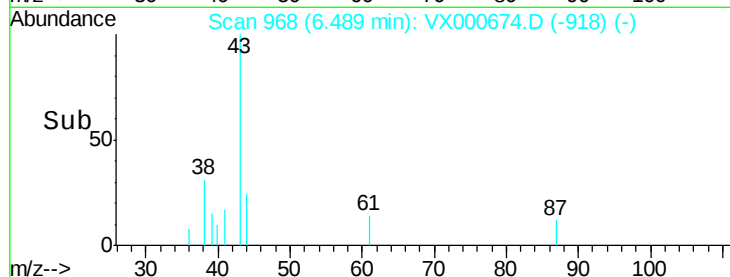
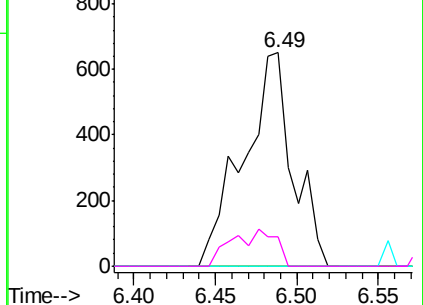


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 24.72 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX000674.D

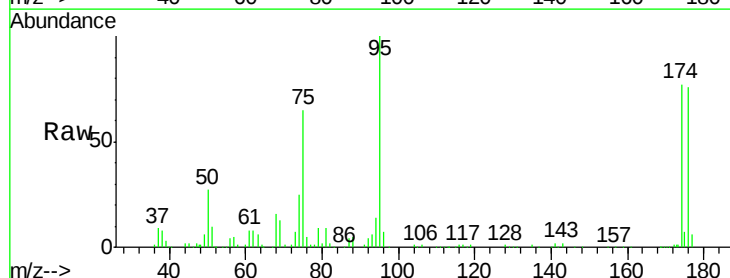
Acq: 04 Apr 2018 22:59

Tgt Ion: 75 Resp: 40241

Ion Ratio Lower Upper

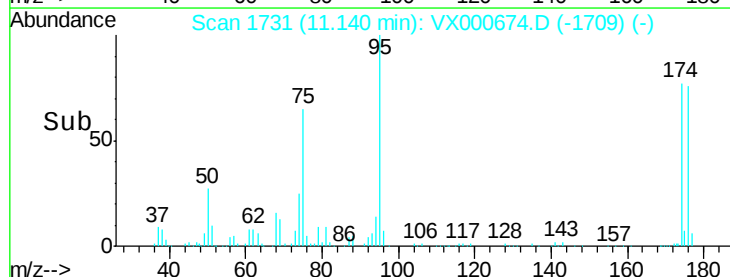
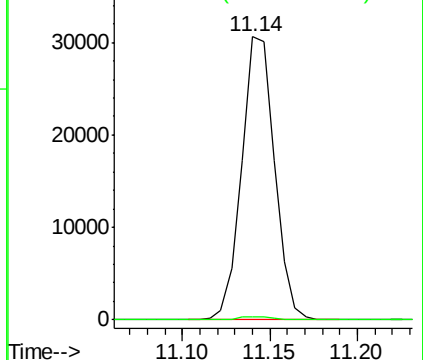
75 100

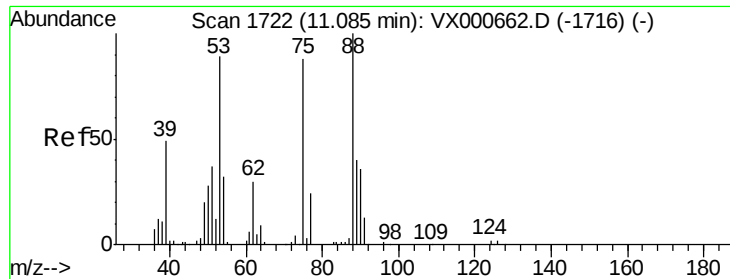
77 1.0 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 88.65 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.05 min

Lab File: VX000674.D

Acq: 04 Apr 2018 22:59

Instrument :

MSVOA_X

ClientSampled :

SP-1

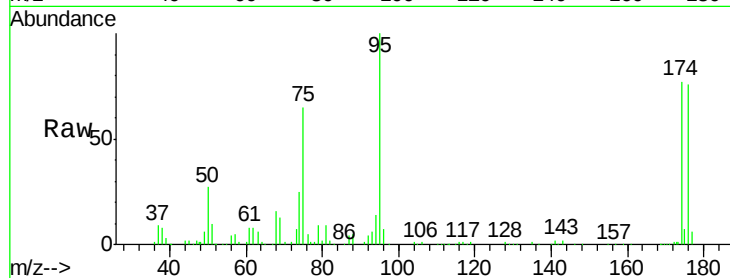
Tgt Ion: 75 Resp: 40241

Ion Ratio Lower Upper

75 100

53 0.0 85.7 128.5#

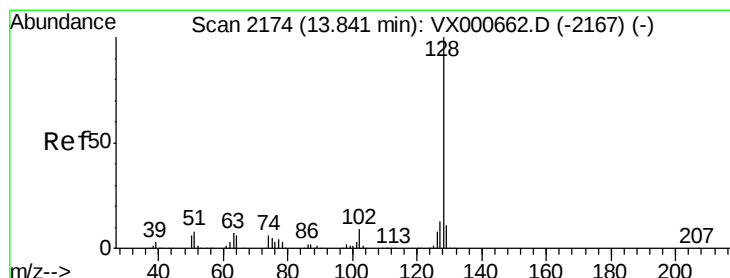
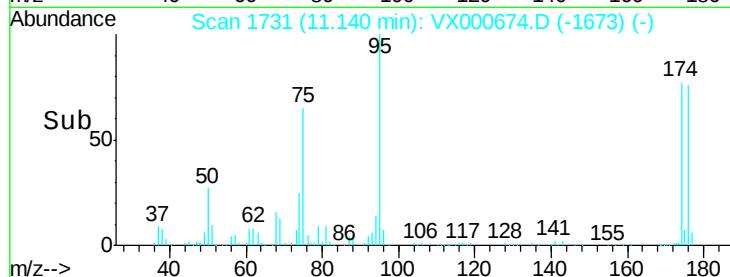
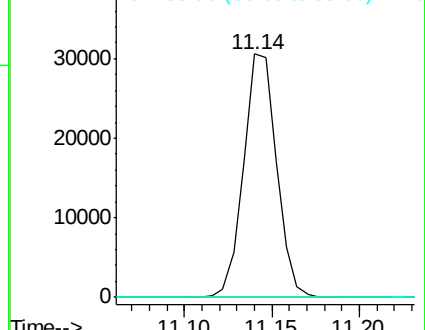
89 0.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VX000662.D (-1716) (-)

Ion 53.00 (52.70 to 53.70): VX000662.D (-1716) (-)

Ion 88.90 (88.60 to 89.60): VX000662.D (-1716) (-)



#95

Naphthalene

Concen: 0.35 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000674.D

Acq: 04 Apr 2018 22:59

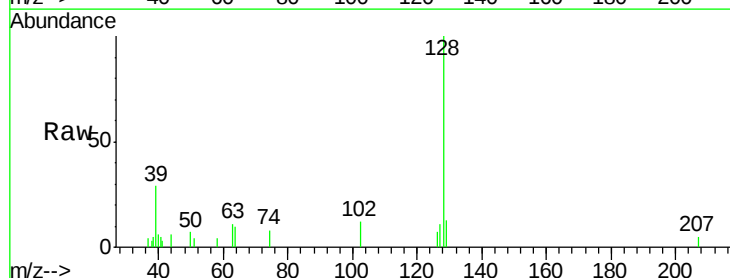
Tgt Ion: 128 Resp: 1970

Ion Ratio Lower Upper

128 100

127 10.9 10.6 16.0

129 10.8 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): VX000662.D (-2167) (-)

Ion 127.00 (126.70 to 127.70): VX000662.D (-2167) (-)

Ion 129.00 (128.70 to 129.70): VX000662.D (-2167) (-)

