

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050818\
 Data File : VX001541.D
 Acq On : 09 May 2018 04:15
 Operator : JC/MD
 Sample : J2678-10 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-01-050718-E

Quant Time: May 09 06:54:24 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	244825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	335716	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	294070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	160709	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	165998	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
35) Dibromofluoromethane	5.51	113	128185	42.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.86%	
50) Toluene-d8	8.72	98	462530	42.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.86%	
62) 4-Bromofluorobenzene	11.14	95	150505	35.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.94%	

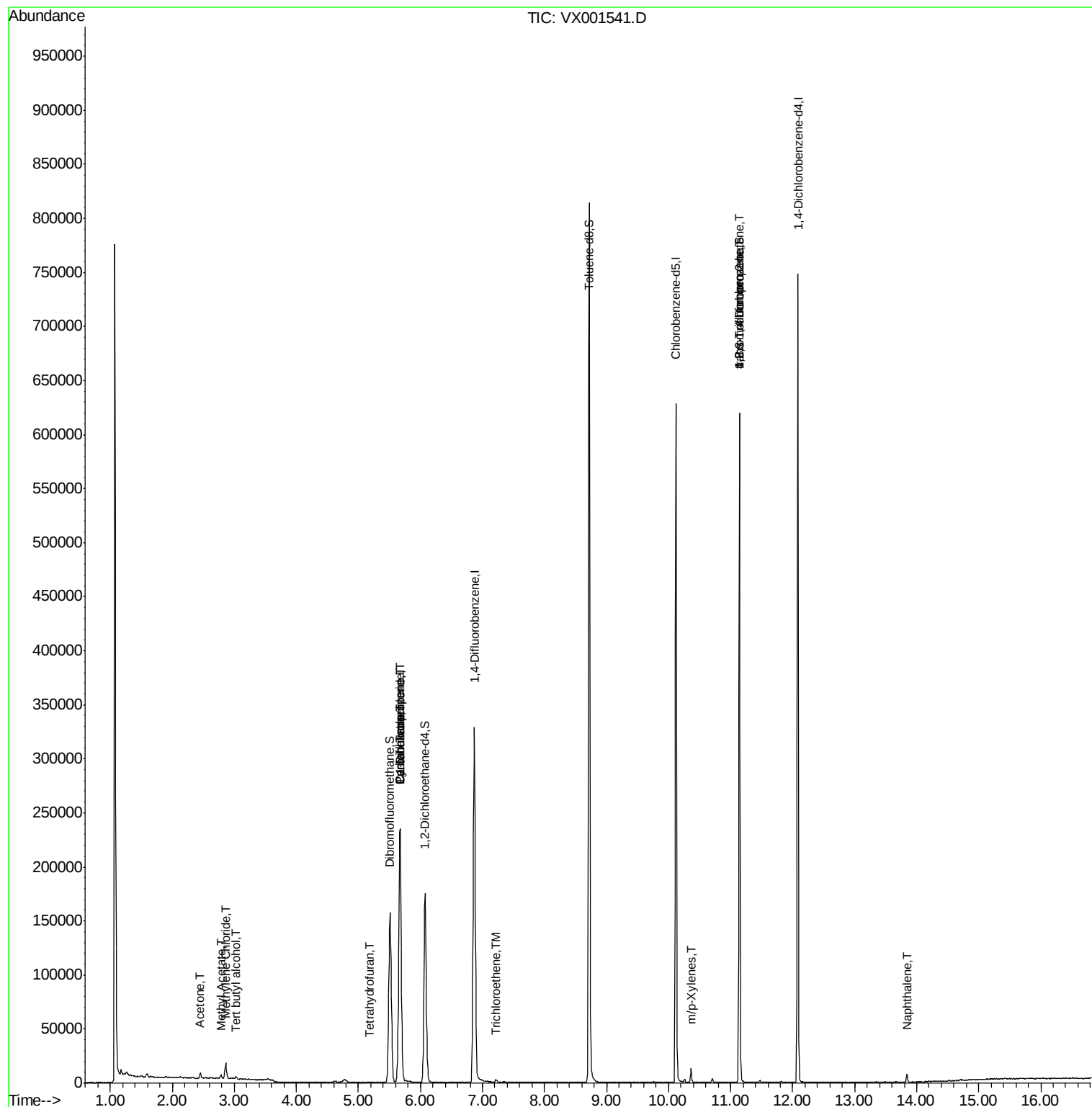
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.66	94	711	Below Cal		85
11) Tert butyl alcohol	3.03	59	1232	1.66 ug/l	#	77
13) Acrolein	2.30	56	39	Below Cal		95
16) Acetone	2.45	43	5246	3.28 ug/l		99
18) Methyl Acetate	2.78	43	3757	0.89 ug/l		94
20) Methylene Chloride	2.86	84	6701	2.12 ug/l		97
29) Tetrahydrofuran	5.18	42	522	0.35 ug/l	#	67
31) Cyclohexane	5.67	56	4459	0.98 ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	15211	3.56 ug/l	#	49
38) Carbon Tetrachloride	5.67	117	21456	4.71 ug/l	#	15
44) Trichloroethene	7.21	130	813	0.21 ug/l		96
68) m/p-Xylenes	10.36	106	2784	0.50 ug/l		95
76) 1,2,3-Trichloropropane	11.14	75	75534	23.17 ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.14	75	75534	71.84 ug/l	#	7
95) Naphthalene	13.84	128	4476	0.38 ug/l		97

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

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QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001541.D

Acq: 09 May 2018 04:15

Instrument :

MSVOA_X

ClientSampleId :

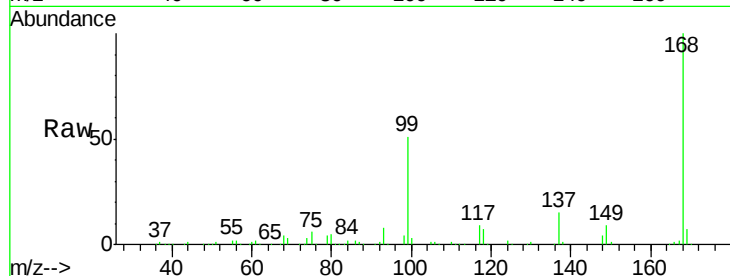
CL-01-050718-E

Tgt Ion:168 Resp: 244825

Ion Ratio Lower Upper

168 100

99 50.6 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

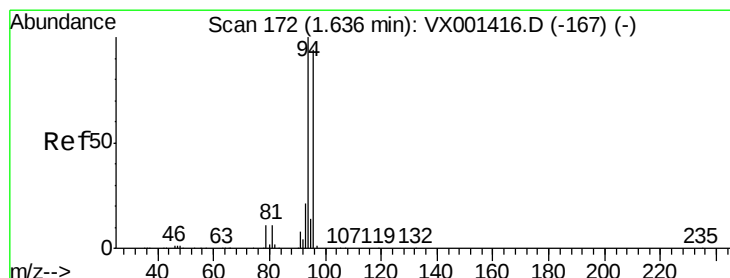
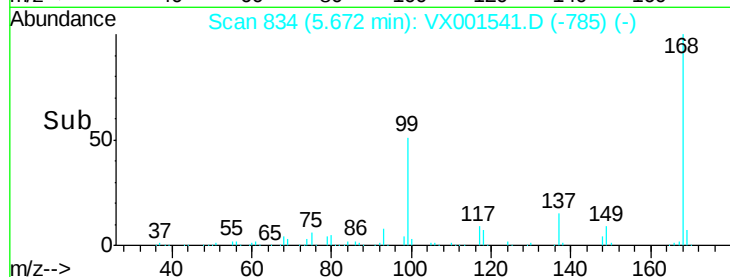
40000

20000

0

Time-->

5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.03 min

Lab File: VX001541.D

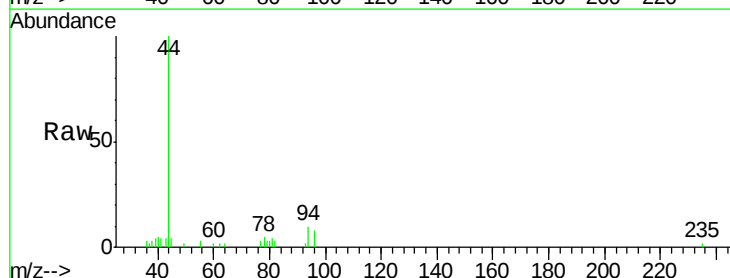
Acq: 09 May 2018 04:15

Tgt Ion: 94 Resp: 711

Ion Ratio Lower Upper

94 100

96 79.0 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.66

400

300

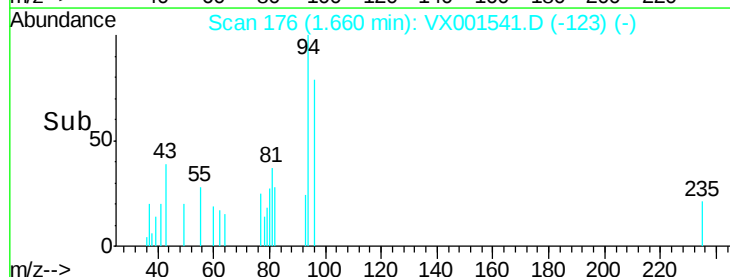
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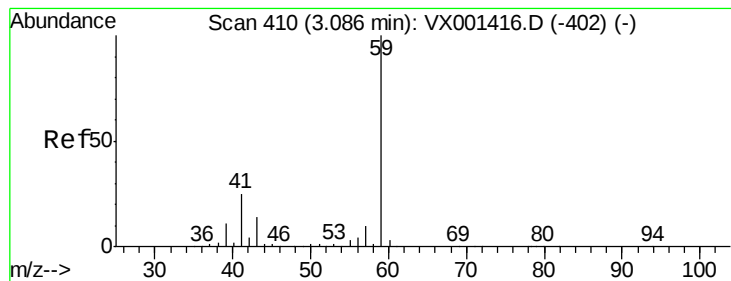
100

0

Time-->

1.60 1.65 1.70



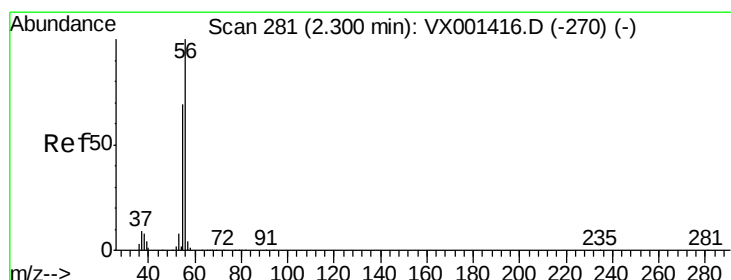
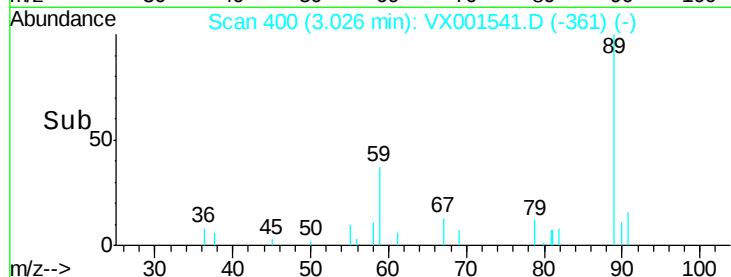
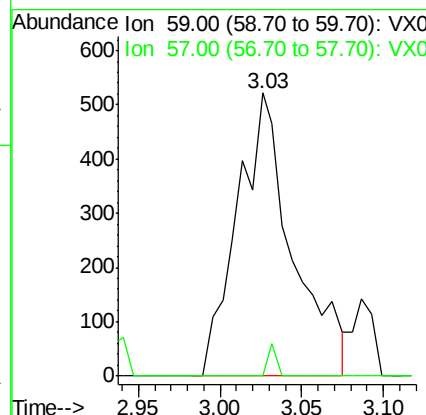
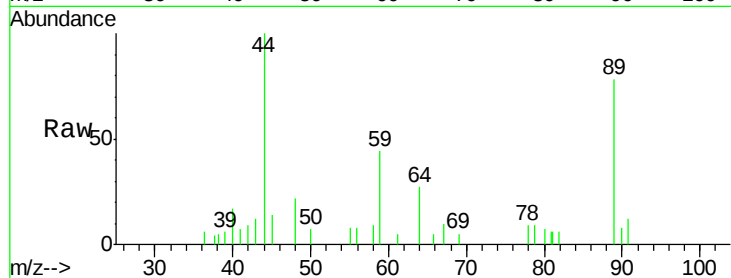


#11

Tert butyl alcohol
 Concen: 1.66 ug/l
 RT: 3.03 min Scan# 400
 Delta R.T. -0.06 min
 Lab File: VX001541.D
 Acq: 09 May 2018 04:15

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-01-050718-E

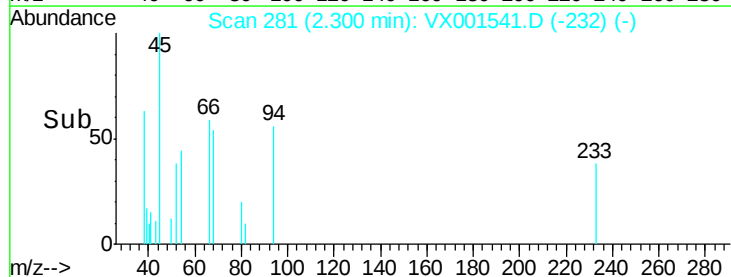
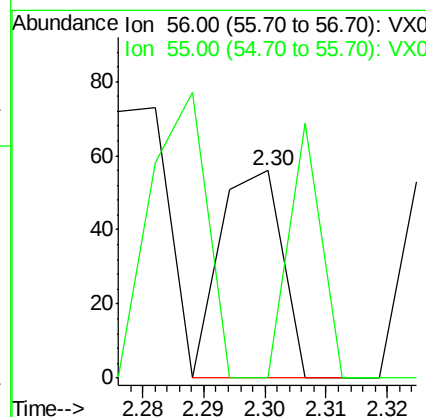
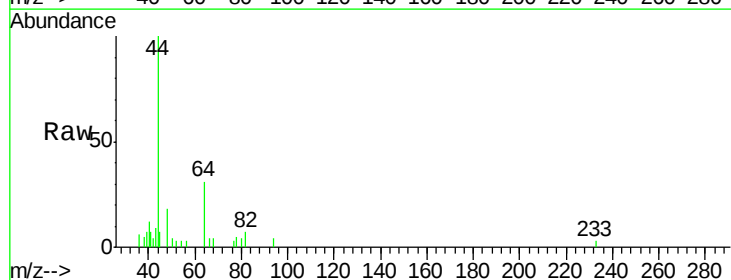
Tgt Ion: 59 Resp: 1232
 Ion Ratio Lower Upper
 59 100
 57 1.8 8.2 12.4#

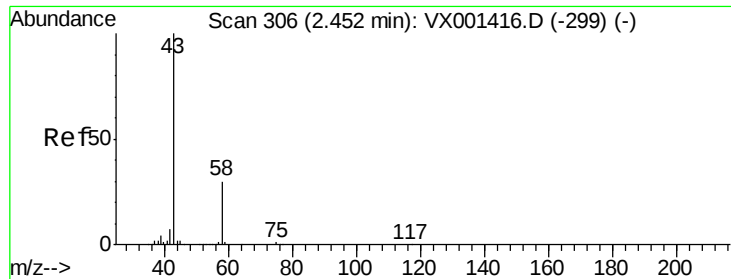


#13

Acrolein
 Concen: Below Cal
 RT: 2.30 min Scan# 281
 Delta R.T. 0.00 min
 Lab File: VX001541.D
 Acq: 09 May 2018 04:15

Tgt Ion: 56 Resp: 39
 Ion Ratio Lower Upper
 56 100
 55 64.1 54.5 81.7

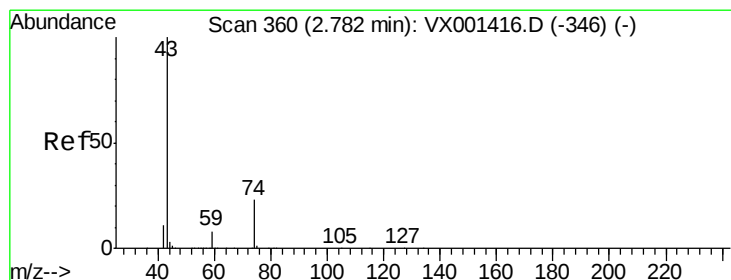
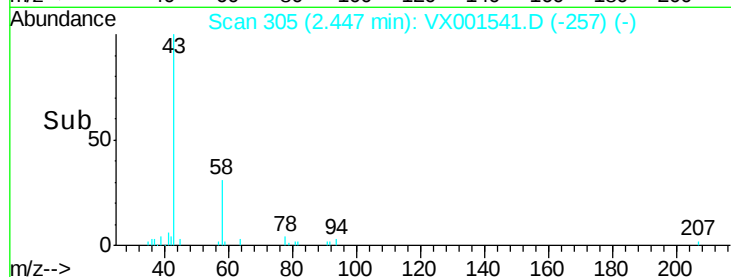
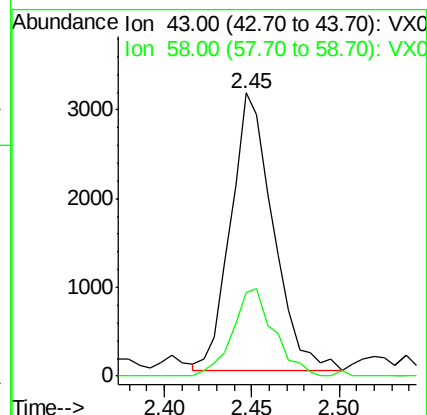
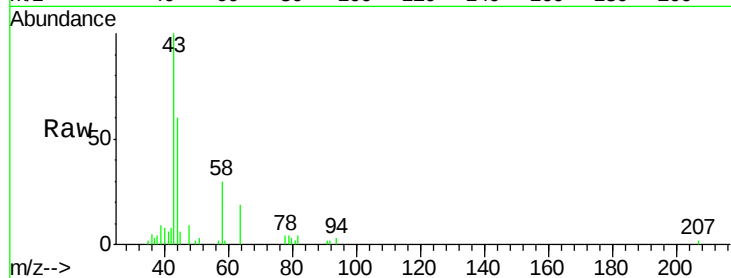




#16
Acetone
Concen: 3.28 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX001541.D
Acq: 09 May 2018 04:15

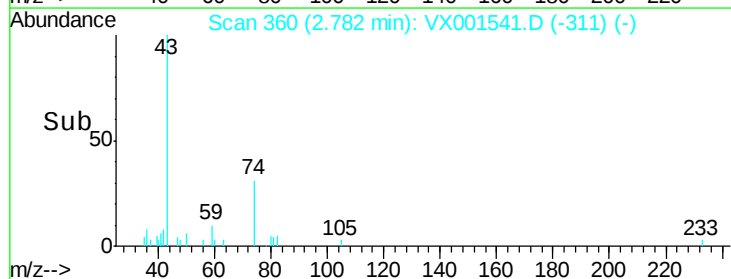
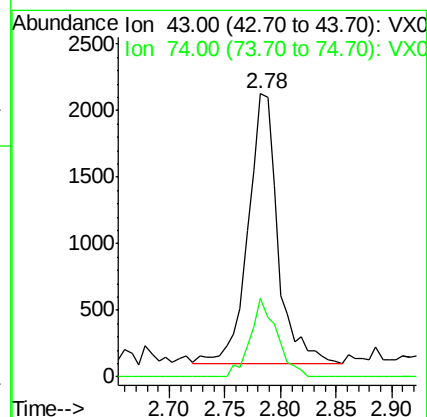
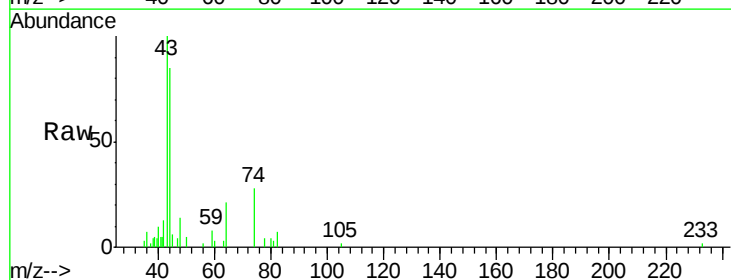
Instrument :
MSVOA_X
ClientSampleId :
CL-01-050718-E

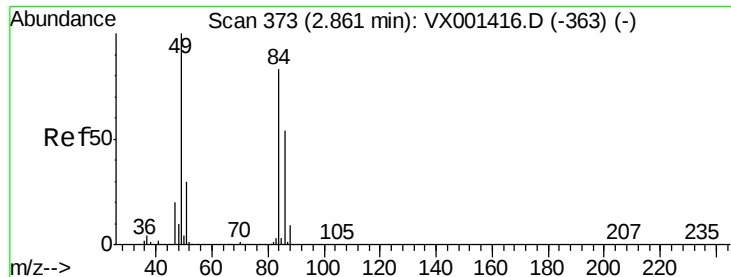
Tgt Ion: 43 Resp: 5246
Ion Ratio Lower Upper
43 100
58 30.3 23.8 35.8



#18
Methyl Acetate
Concen: 0.89 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001541.D
Acq: 09 May 2018 04:15

Tgt Ion: 43 Resp: 3757
Ion Ratio Lower Upper
43 100
74 26.3 18.6 27.8

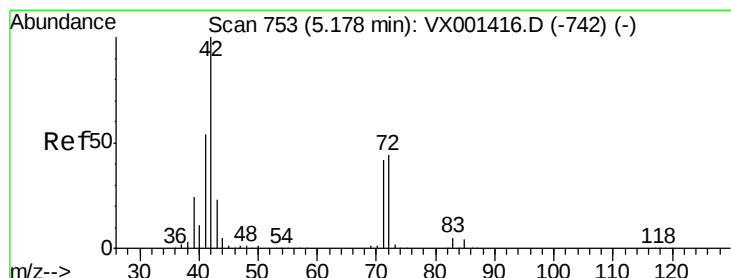
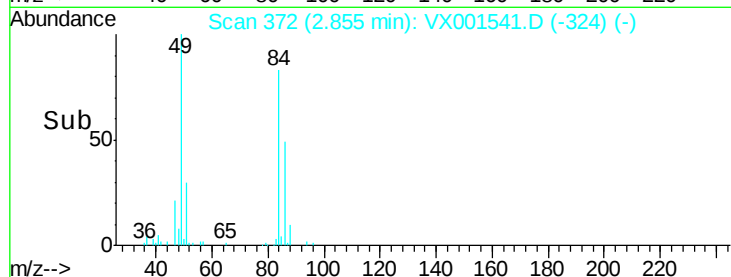
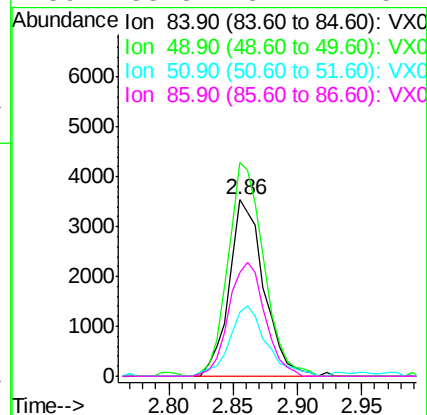
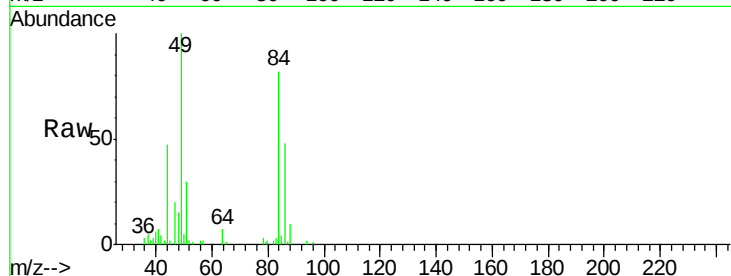




#20
Methylene Chloride
Concen: 2.12 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001541.D
Acq: 09 May 2018 04:15

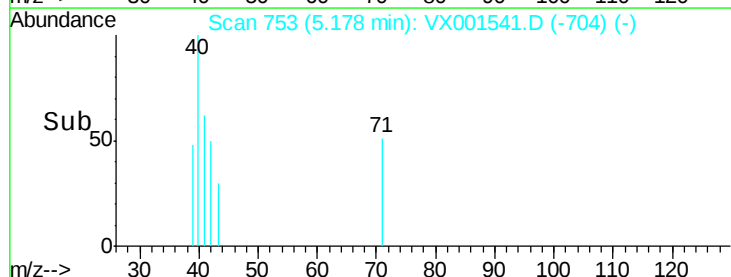
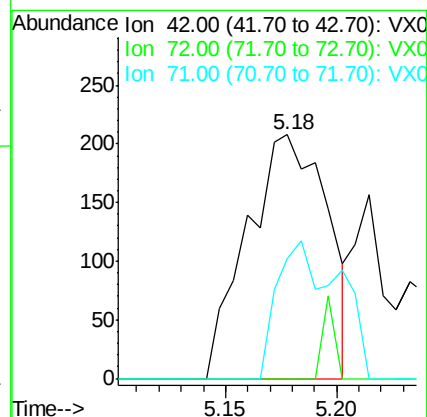
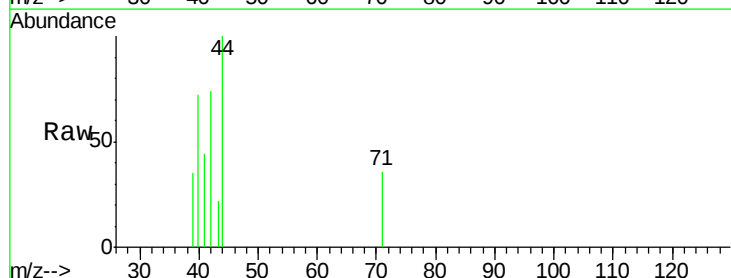
Instrument :
MSVOA_X
ClientSampleId :
CL-01-050718-E

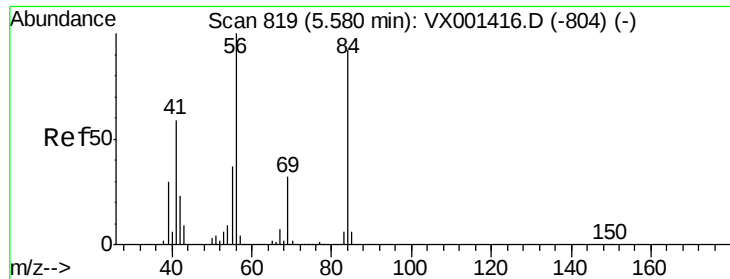
Tgt Ion:	84	Resp:	6701
Ion	Ratio	Lower	Upper
84	100		
49	121.3	96.6	144.8
51	36.5	29.0	43.4
86	58.8	52.2	78.4



#29
Tetrahydrofuran
Concen: 0.35 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX001541.D
Acq: 09 May 2018 04:15

Tgt Ion:	42	Resp:	522
Ion	Ratio	Lower	Upper
42	100		
72	5.0	35.4	53.2#
71	43.1	33.0	49.4

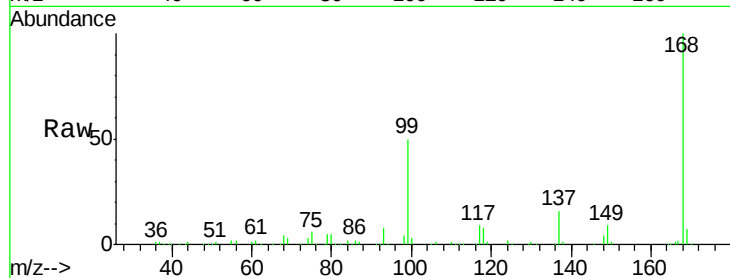




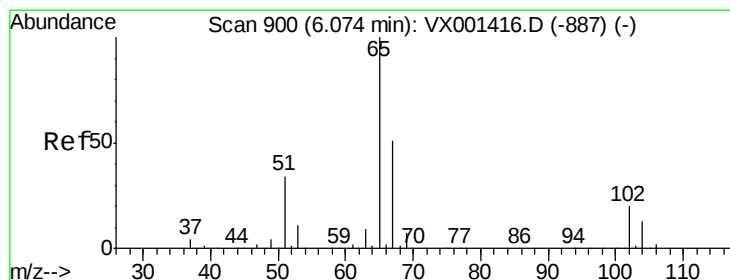
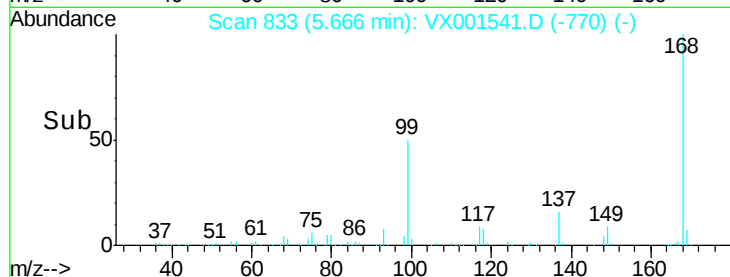
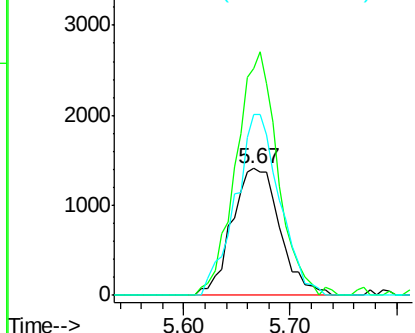
#31
Cyclohexane
Concen: 0.98 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX001541.D
Acq: 09 May 2018 04:15

Instrument :
MSVOA_X
ClientSampleId :
CL-01-050718-E

Tgt Ion: 56 Resp: 4459
Ion Ratio Lower Upper
56 100
69 179.3 25.4 38.0#
84 143.0 73.8 110.8#

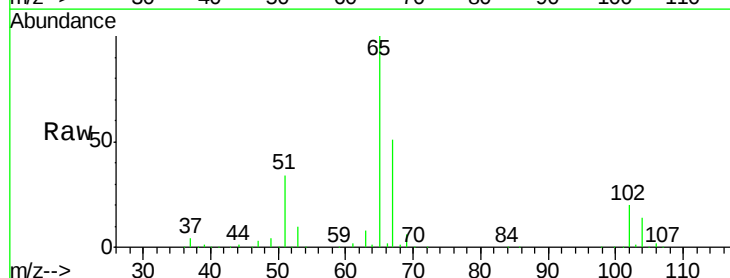


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

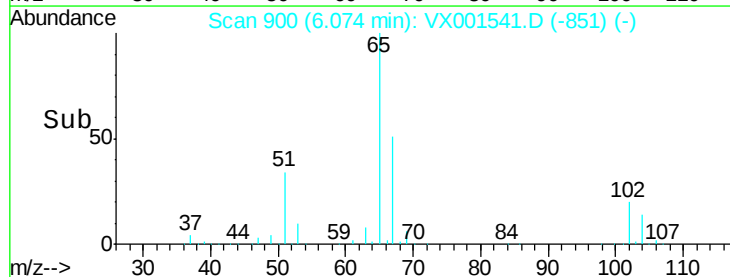
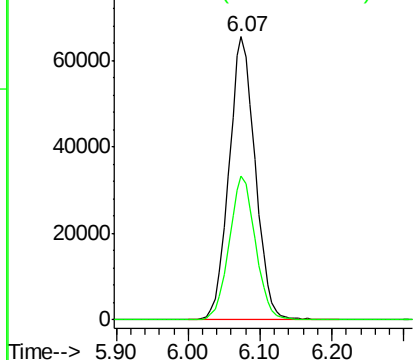


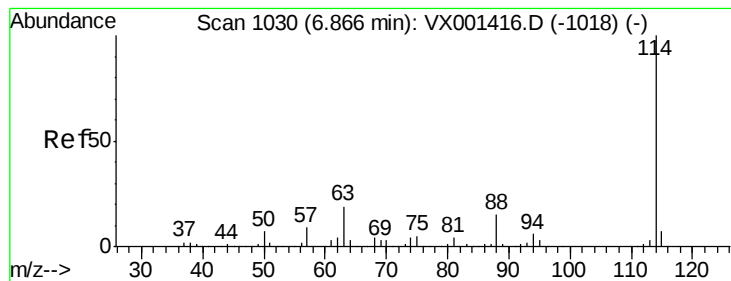
#33
1,2-Dichloroethane-d4
Concen: 47.17 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001541.D
Acq: 09 May 2018 04:15

Tgt Ion: 65 Resp: 165998
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.8



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# 1030

Delta R.T. 0.00 min

Lab File: VX001541.D

Acq: 09 May 2018 04:15

Instrument :

MSVOA_X

ClientSampleId :

CL-01-050718-E

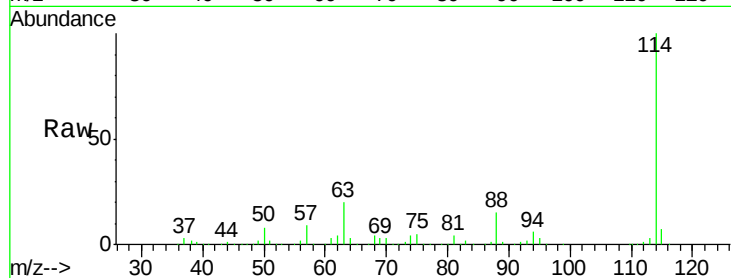
Tgt Ion:114 Resp: 335716

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.6

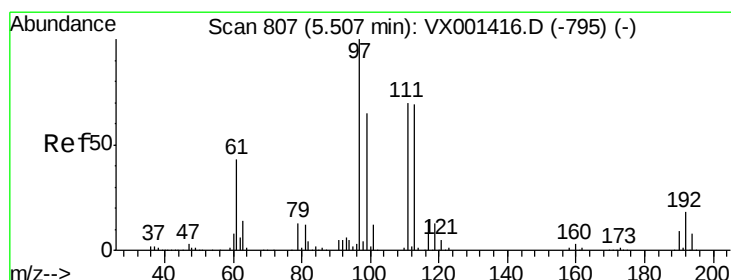
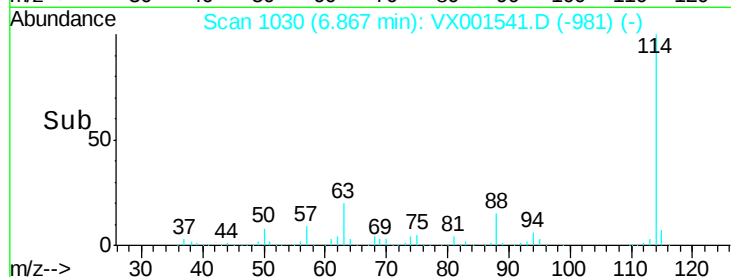
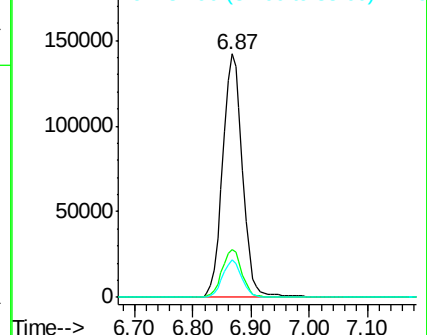
88 15.2 0.0 30.8



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: 42.93 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX001541.D

Acq: 09 May 2018 04:15

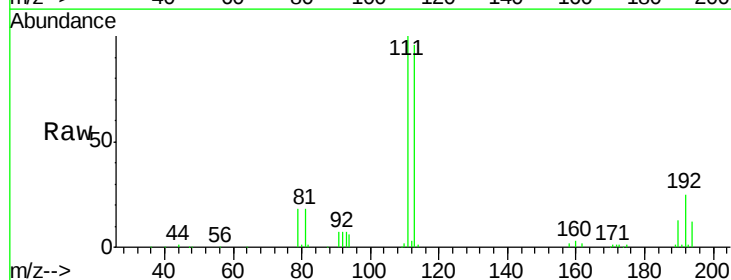
Tgt Ion:113 Resp: 128185

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.2

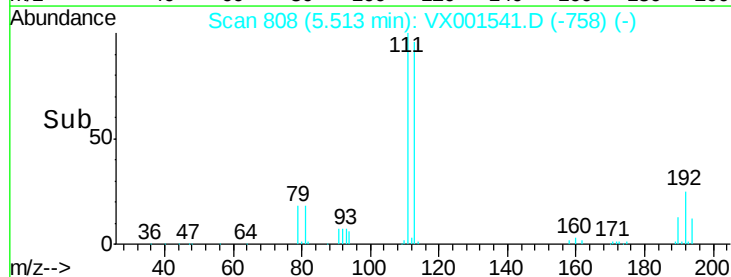
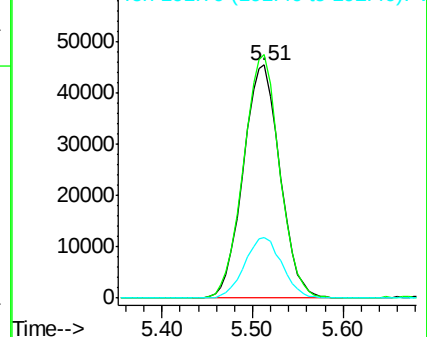
192 26.5 21.4 32.0

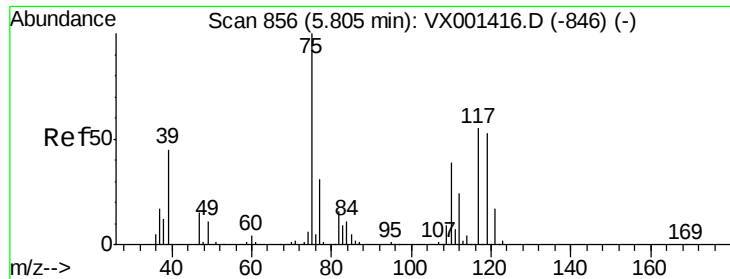


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

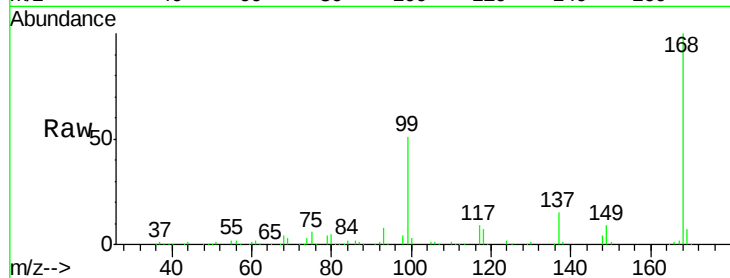




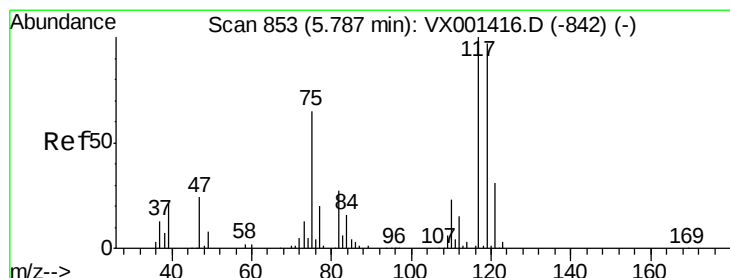
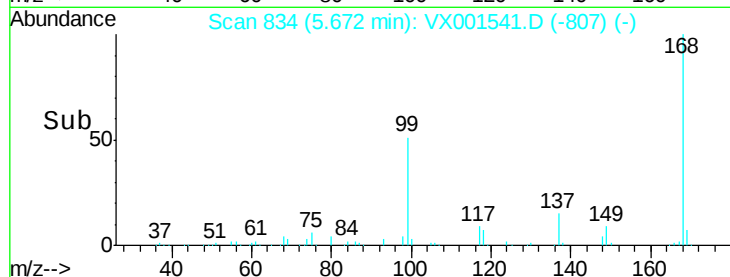
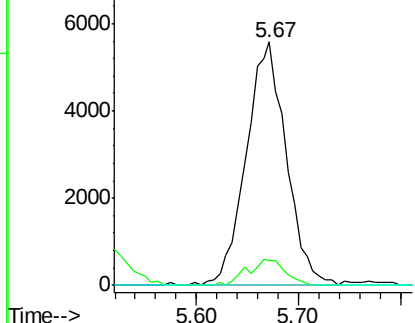
#36
 1,1-Dichloropropene
 Concen: 3.56 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001541.D
 Acq: 09 May 2018 04:15

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-01-050718-E

Tgt Ion: 75 Resp: 15211
 Ion Ratio Lower Upper
 75 100
 110 10.0 18.9 56.7#
 77 0.0 24.9 37.3#

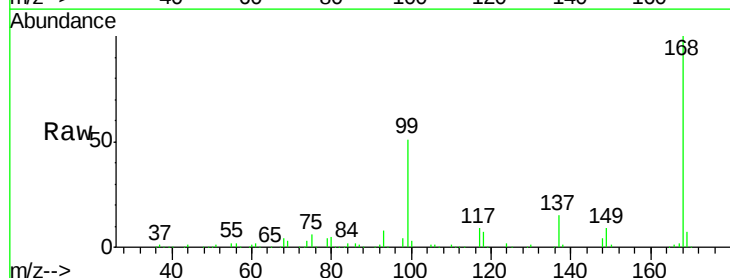


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

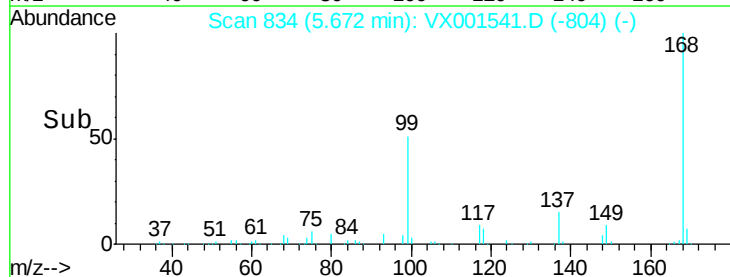
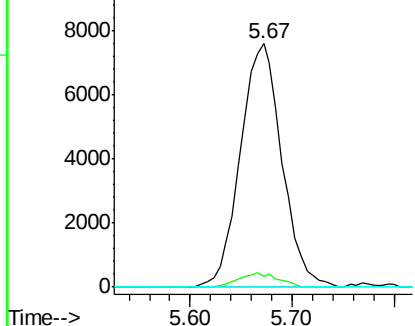


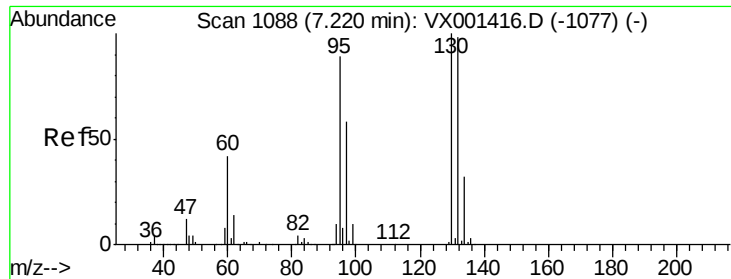
#38
 Carbon Tetrachloride
 Concen: 4.71 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001541.D
 Acq: 09 May 2018 04:15

Tgt Ion: 117 Resp: 21456
 Ion Ratio Lower Upper
 117 100
 119 4.2 77.0 115.6#
 121 0.0 25.1 37.7#



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

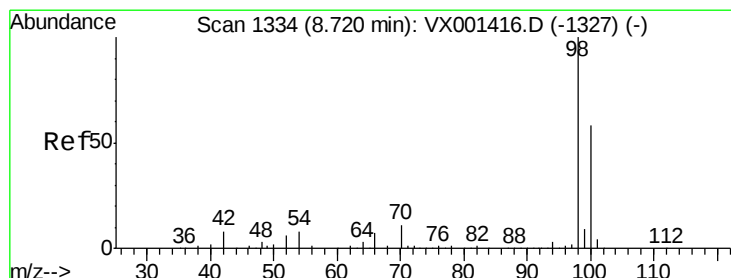
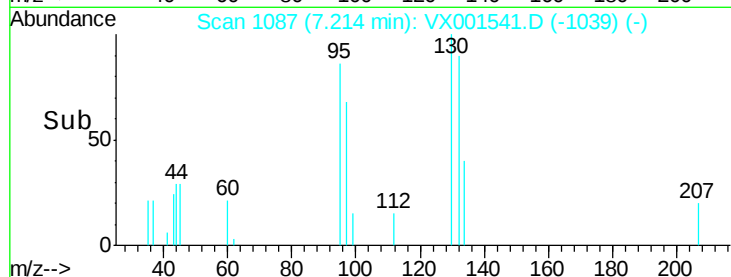
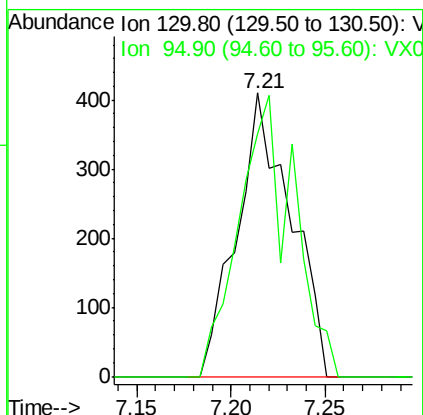
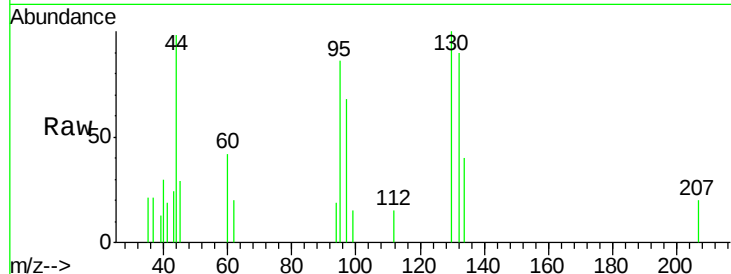




#44
 Trichloroethene
 Concen: 0.21 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX001541.D
 Acq: 09 May 2018 04:15

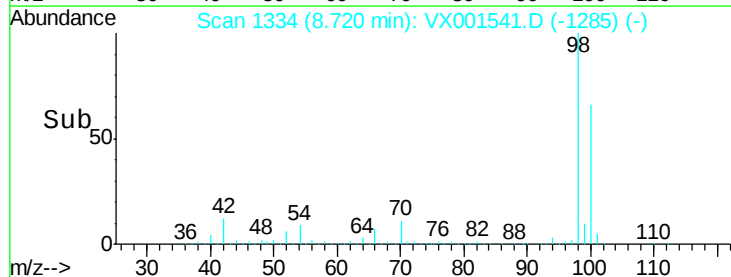
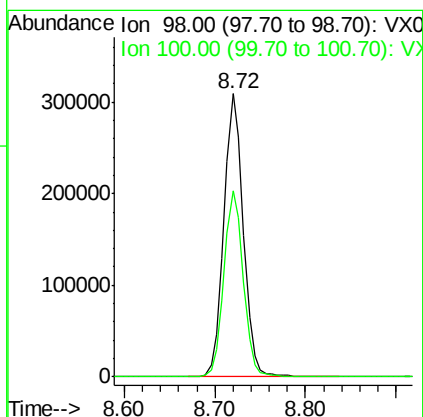
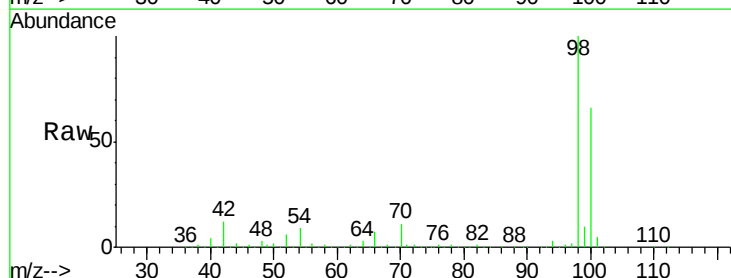
Instrument :
 MSVOA_X
 ClientSampleId :
 CL-01-050718-E

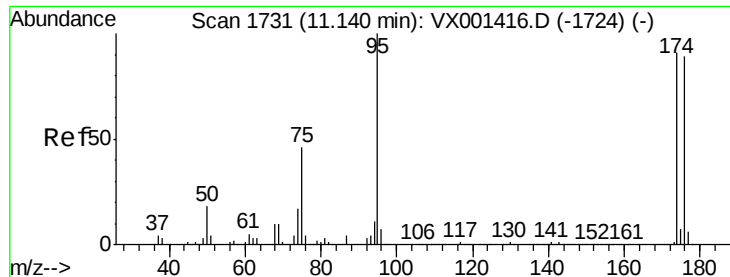
Tgt Ion:130 Resp: 813
 Ion Ratio Lower Upper
 130 100
 95 85.9 0.0 178.4



#50
 Toluene-d8
 Concen: 42.43 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001541.D
 Acq: 09 May 2018 04:15

Tgt Ion: 98 Resp: 462530
 Ion Ratio Lower Upper
 98 100
 100 65.9 54.0 81.0

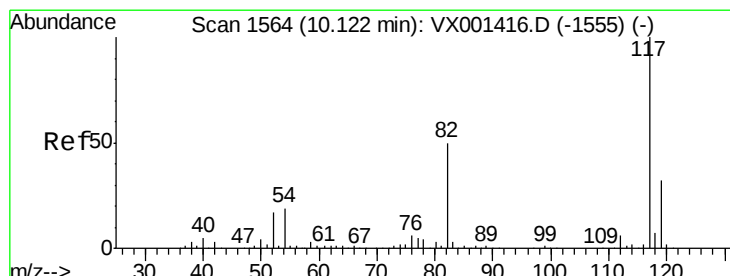
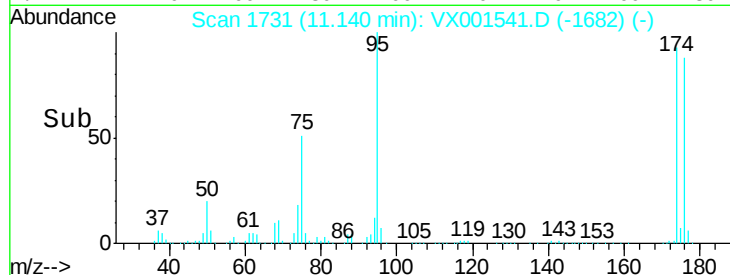
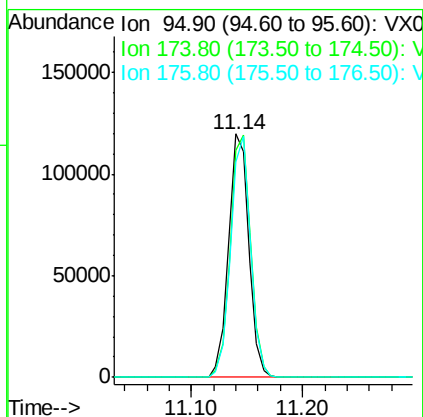
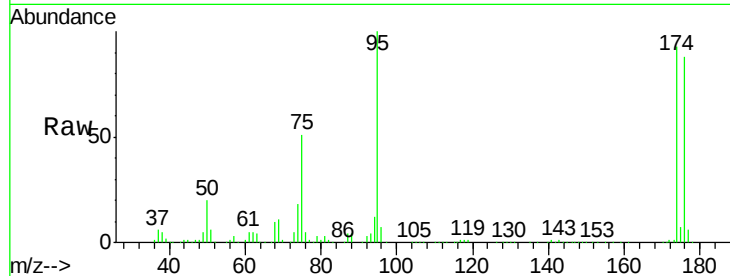




#62
4-Bromofluorobenzene
Concen: 35.97 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001541.D
Acq: 09 May 2018 04:15

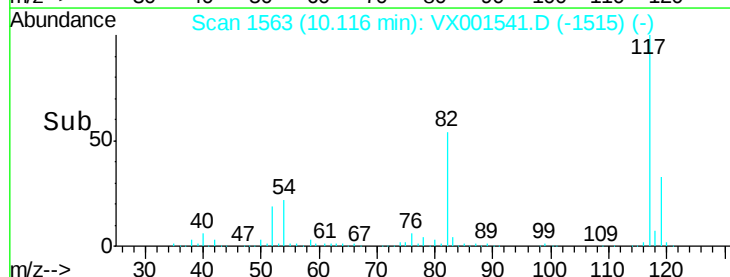
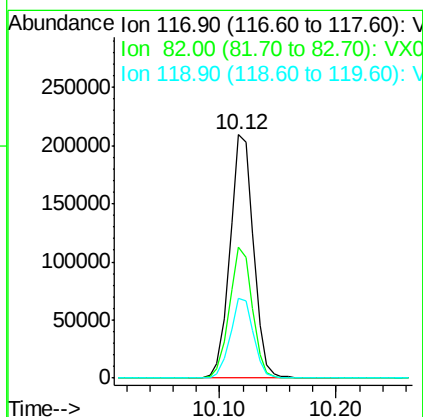
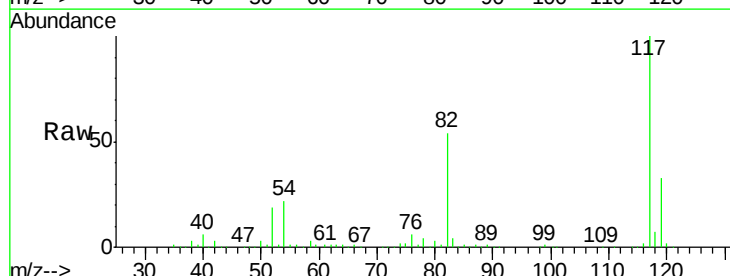
Instrument :
MSVOA_X
ClientSampleId :
CL-01-050718-E

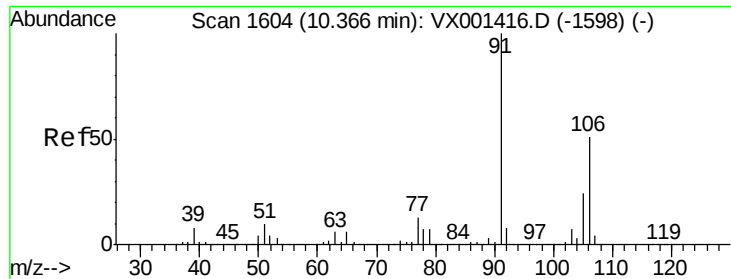
Tgt Ion: 95 Resp: 150505
Ion Ratio Lower Upper
95 100
174 99.8 0.0 202.0
176 97.0 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001541.D
Acq: 09 May 2018 04:15

Tgt Ion: 117 Resp: 294070
Ion Ratio Lower Upper
117 100
82 53.6 40.0 60.0
119 32.8 25.8 38.8

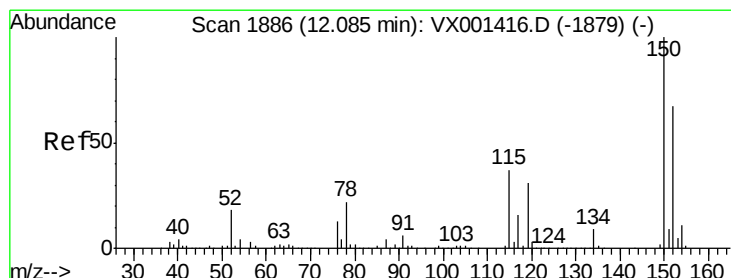
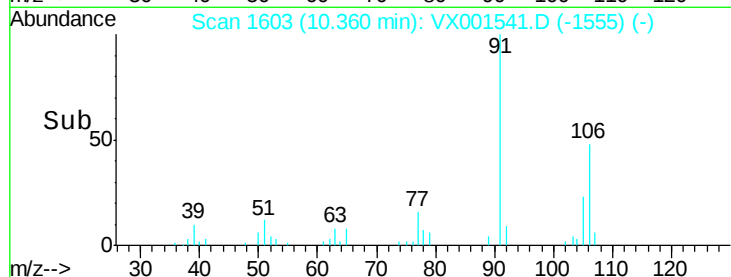
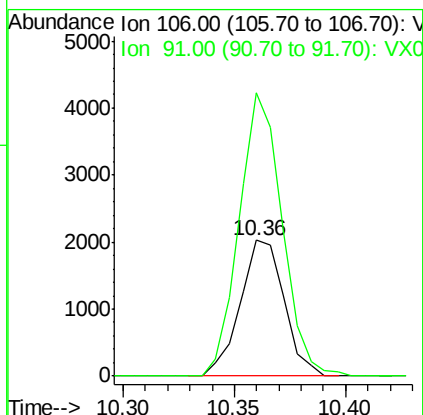
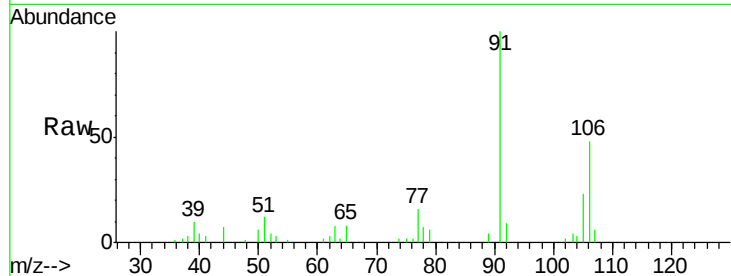




#68
m/p-Xylenes
Concen: 0.50 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX001541.D
Acq: 09 May 2018 04:15

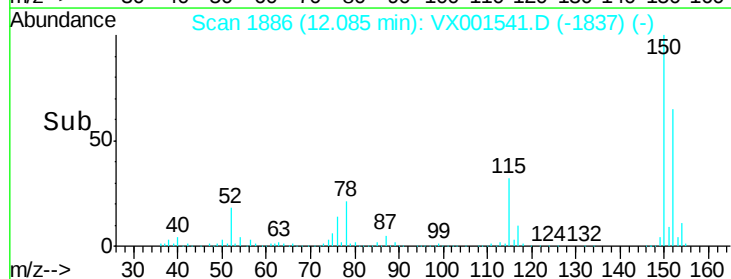
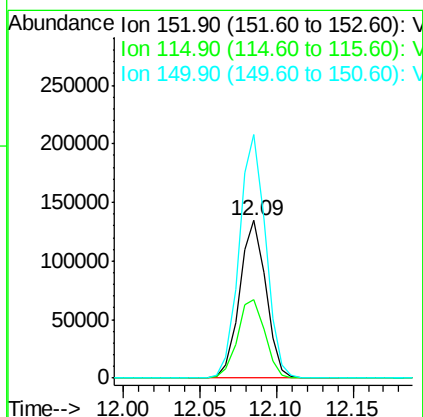
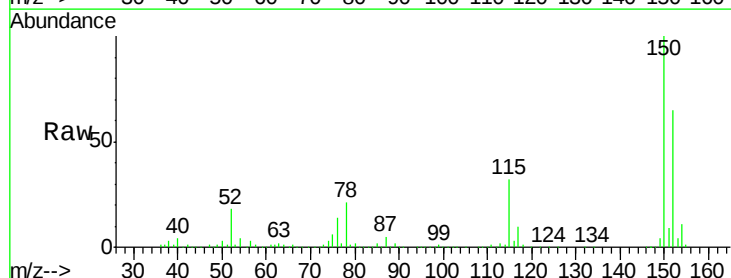
Instrument :
MSVOA_X
ClientSampleId :
CL-01-050718-E

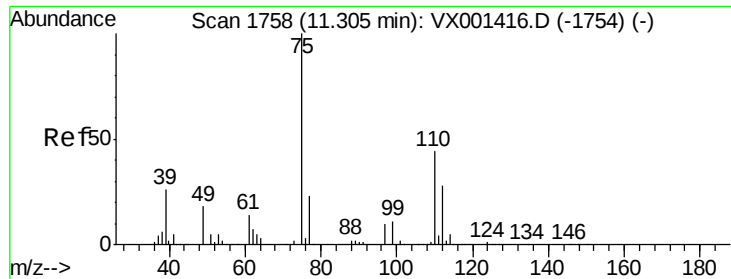
Tgt Ion:106 Resp: 2784
Ion Ratio Lower Upper
106 100
91 204.4 157.5 236.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001541.D
Acq: 09 May 2018 04:15

Tgt Ion:152 Resp: 160709
Ion Ratio Lower Upper
152 100
115 52.2 37.7 113.1
150 155.5 0.0 349.4





#76

1,2,3-Trichloropropane

Concen: 23.17 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001541.D

Acq: 09 May 2018 04:15

Instrument :

MSVOA_X

ClientSampled :

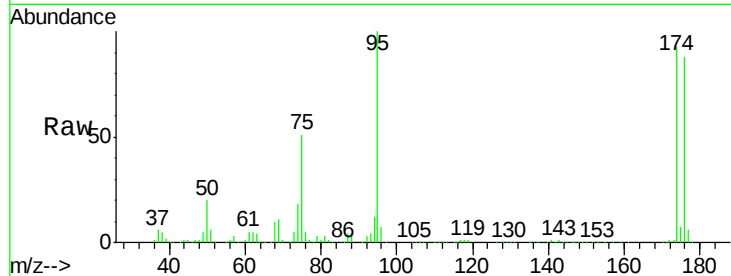
CL-01-050718-E

Tgt Ion: 75 Resp: 75534

Ion Ratio Lower Upper

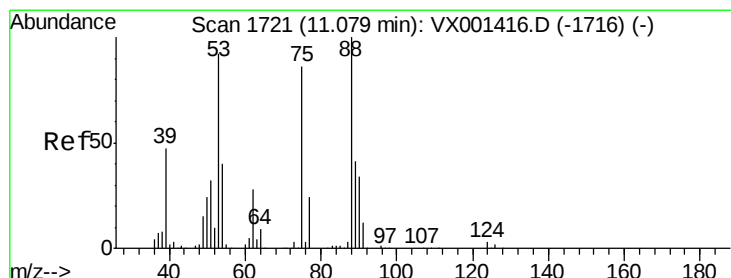
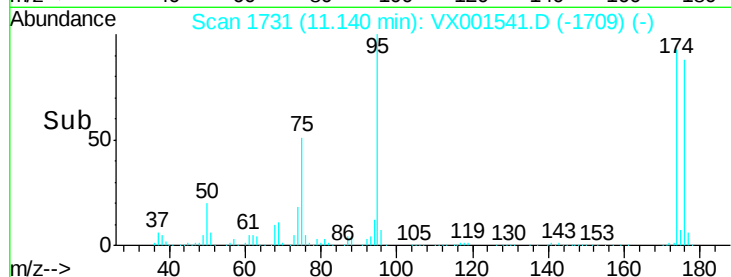
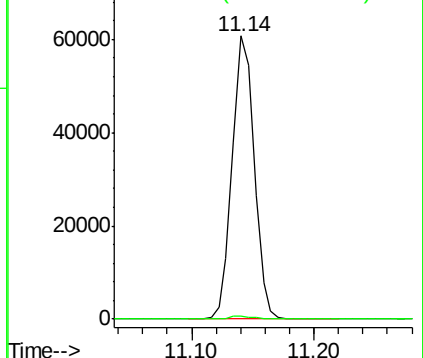
75 100

77 1.2 19.6 58.7#



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: 71.84 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001541.D

Acq: 09 May 2018 04:15

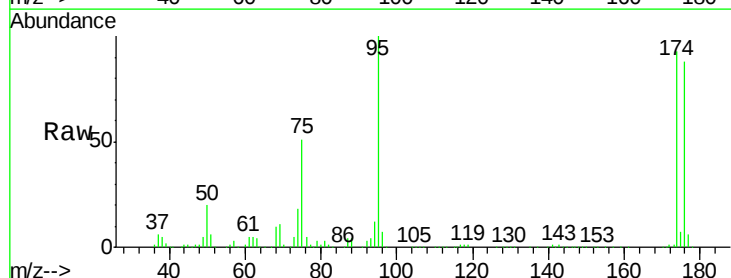
Tgt Ion: 75 Resp: 75534

Ion Ratio Lower Upper

75 100

53 0.1 84.5 126.7#

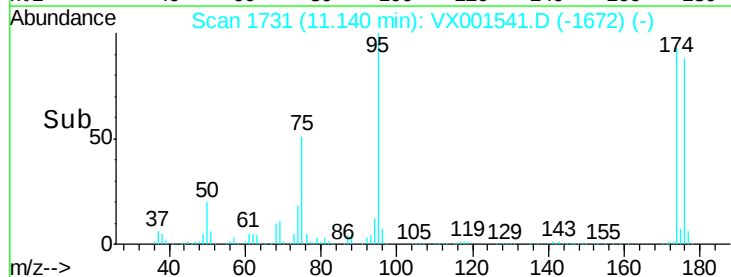
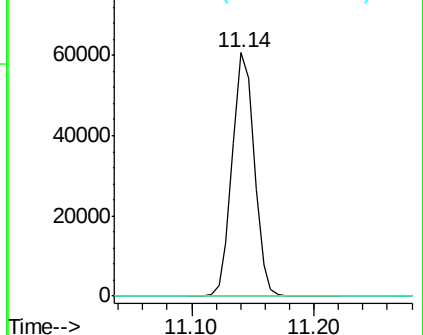
89 0.0 39.5 59.3#

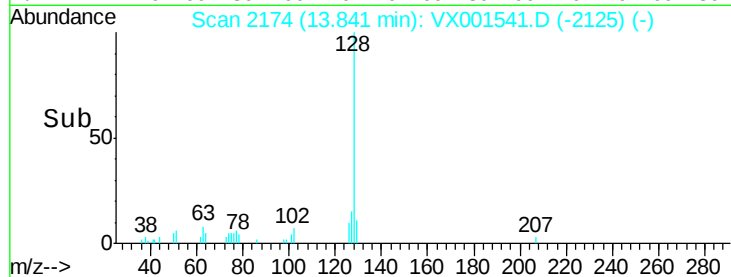
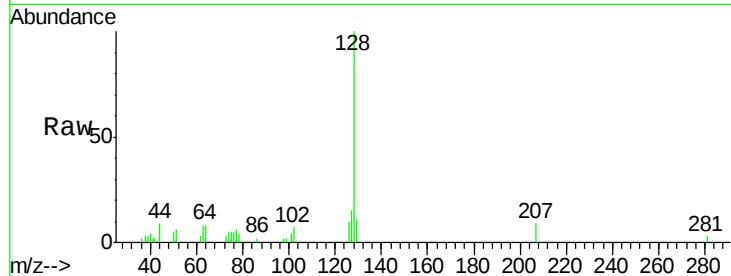
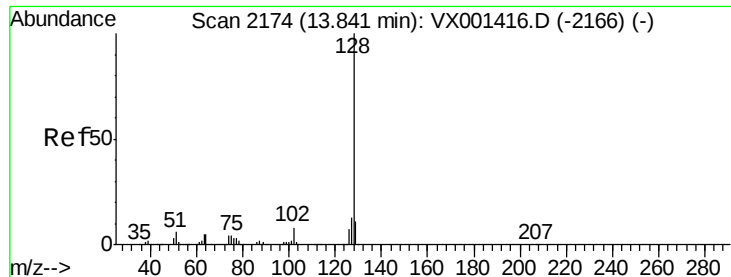


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#95

Naphthalene

Concen: 0.38 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001541.D

Acq: 09 May 2018 04:15

Instrument :

MSVOA_X

ClientSampleId :

CL-01-050718-E

Tgt Ion:128 Resp: 4476

Ion Ratio Lower Upper

128 100

127 15.0 10.4 15.6

129 11.1 8.7 13.1

