

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000917.D
 Acq On : 16 Apr 2018 14:33
 Operator : JC/MD
 Sample : J2348-03
 Misc : 3.49g/5.0mL/100uL/5mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 16 15:12:18 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	250984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	346239	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	329387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	230127	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	149598	47.27	ug/l	0.00
Spiked Amount			Recovery	=	94.54%	
35) Dibromofluoromethane	5.51	113	116573	43.70	ug/l	0.00
Spiked Amount			Recovery	=	87.40%	
50) Toluene-d8	8.72	98	480528	48.38	ug/l	0.00
Spiked Amount			Recovery	=	96.76%	
62) 4-Bromofluorobenzene	11.15	95	201194	48.96	ug/l	0.00
Spiked Amount			Recovery	=	97.92%	

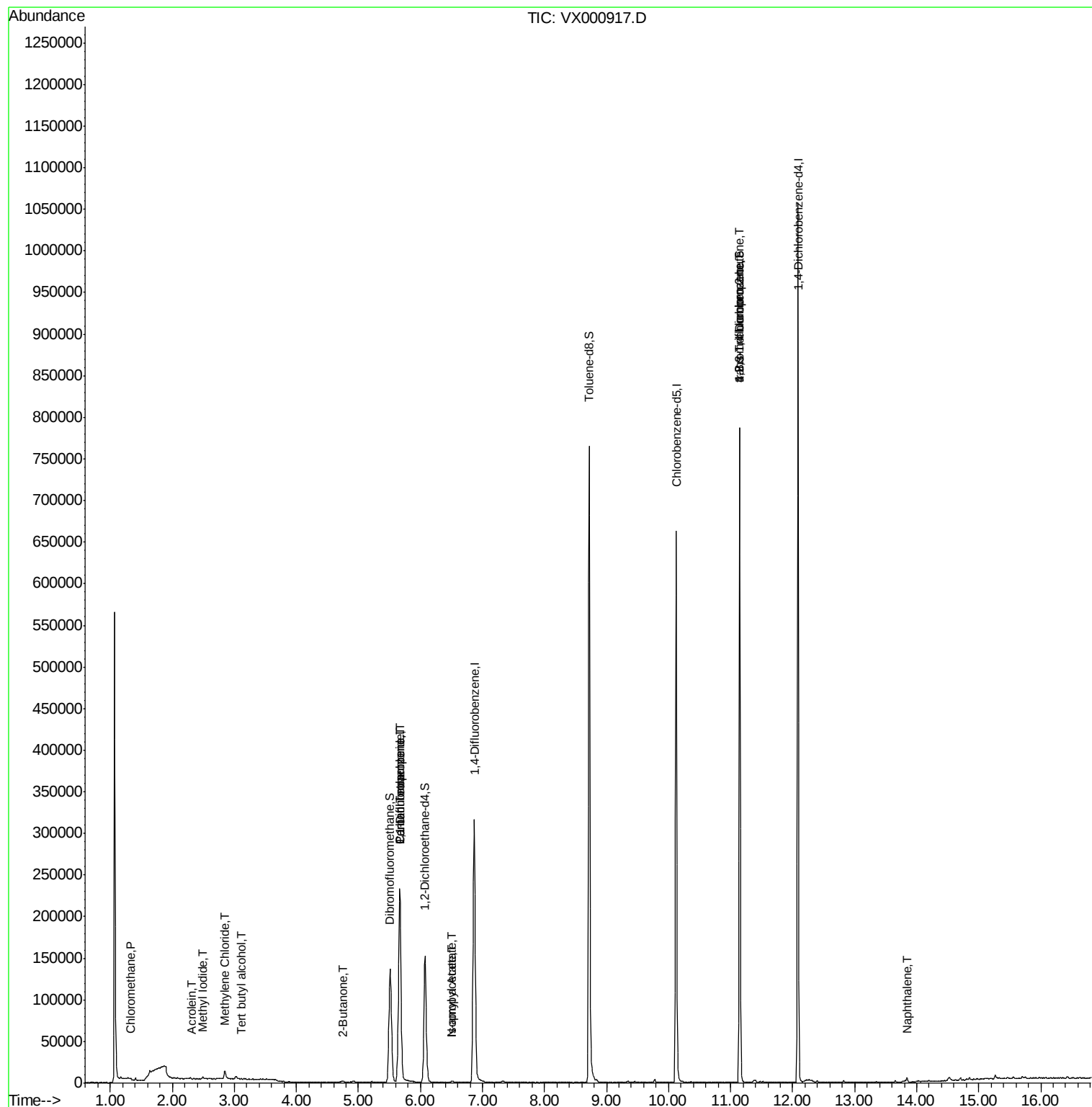
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	553	0.23	ug/l #	59
10) Methyl Iodide	2.49	142	2516	9.34	ug/l	97
11) Tert butyl alcohol	3.11	59	117	0.21	ug/l #	1
13) Acrolein	2.31	56	108	0.40	ug/l #	71
20) Methylene Chloride	2.85	84	5091	2.01	ug/l #	94
25) 2-Butanone	4.75	43	470	0.26	ug/l #	50
36) 1,1-Dichloropropene	5.66	75	15327	4.02	ug/l #	48
38) Carbon Tetrachloride	5.67	117	21513	5.04	ug/l #	15
43) Isopropyl Acetate	6.50	43	1342	0.21	ug/l #	61
74) N-amyl acetate	6.50	43	1342	0.20	ug/l #	57
76) 1,2,3-Trichloropropane	11.15	75	96833	24.40	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.15	75	96833	67.12	ug/l #	11
95) Naphthalene	13.84	128	3516	0.21	ug/l	98

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

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Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX000917.D

Acq: 16 Apr 2018 14:33

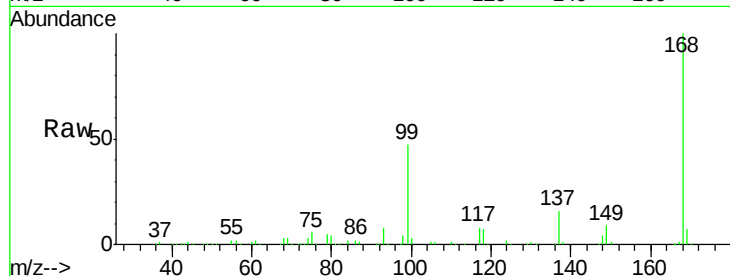
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 250984

Ion Ratio Lower Upper

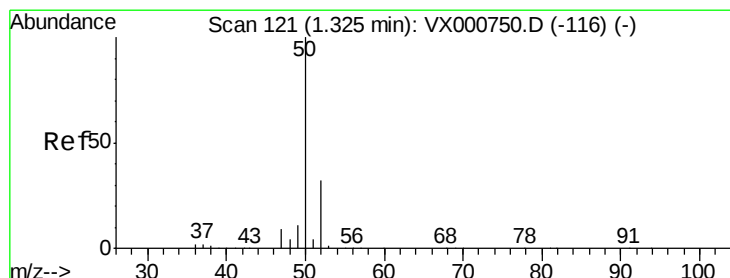
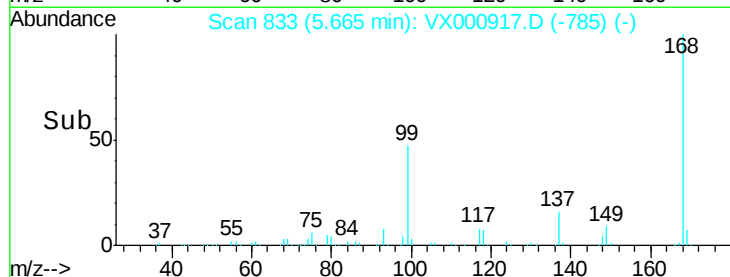
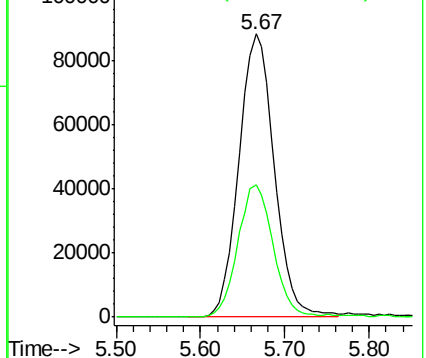
168 100

99 46.9 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.23 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000917.D

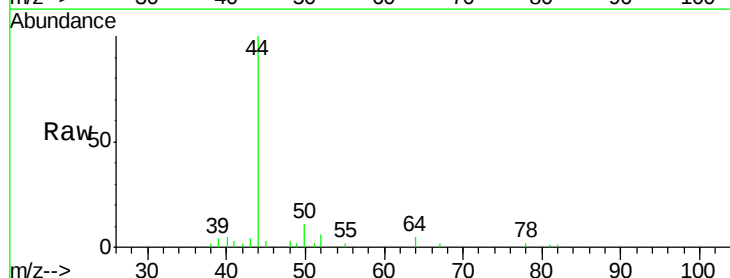
Acq: 16 Apr 2018 14:33

Tgt Ion: 50 Resp: 553

Ion Ratio Lower Upper

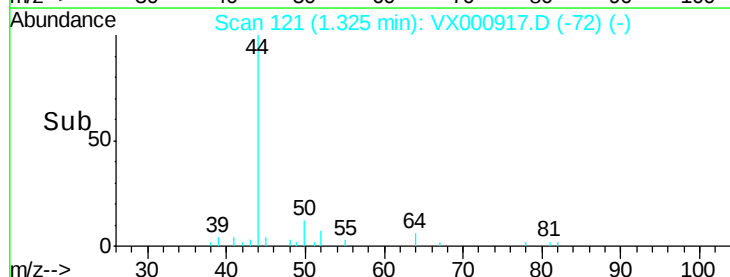
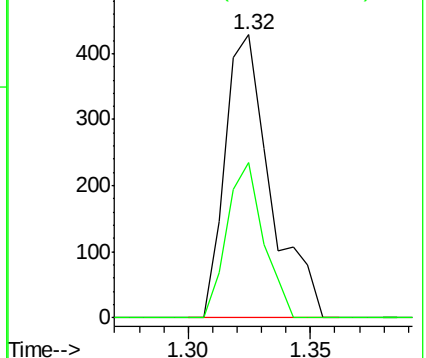
50 100

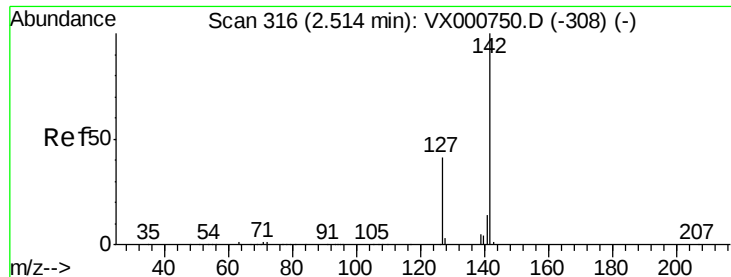
52 55.1 25.8 38.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

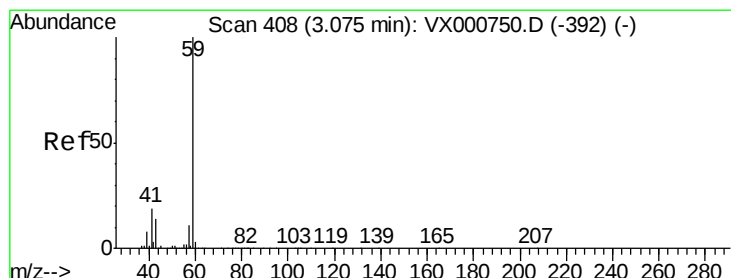
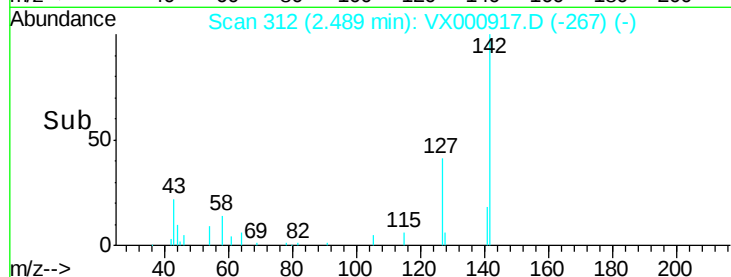
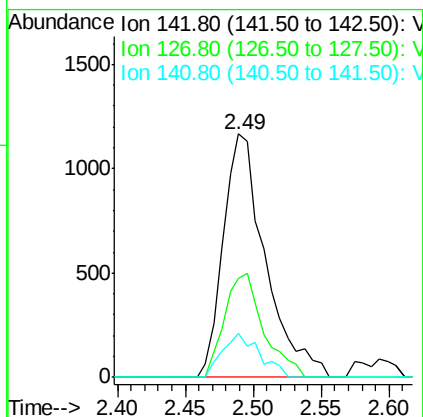
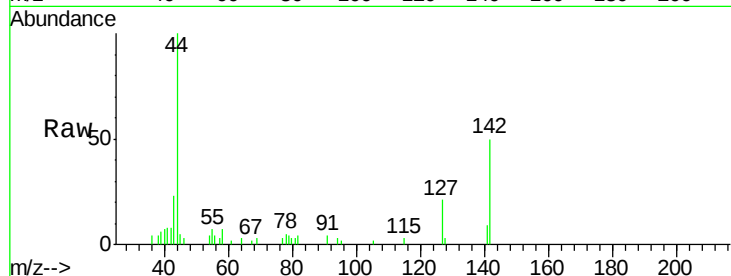




#10
Methyl Iodide
Concen: 9.34 ug/l
RT: 2.49 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX000917.D
Acq: 16 Apr 2018 14:33

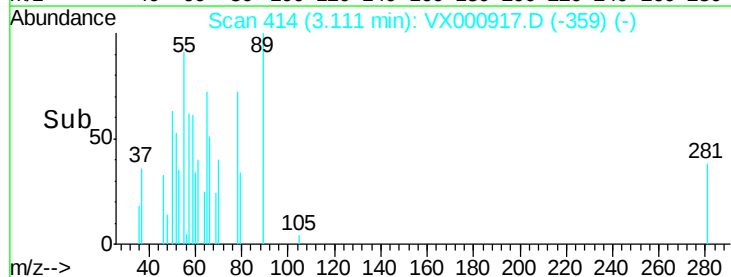
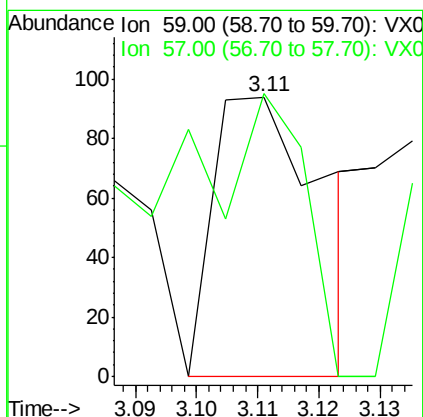
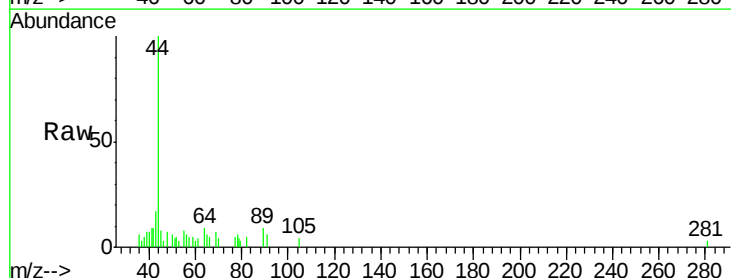
Instrument :
MSVOA_X
ClientSampleId :

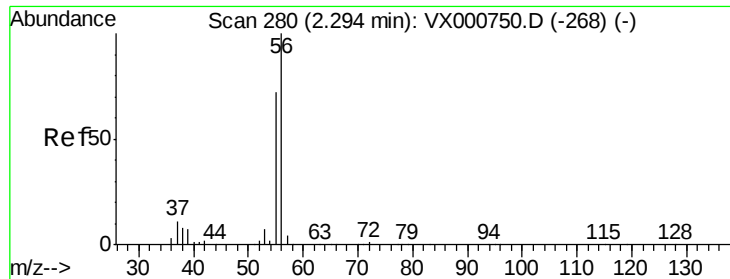
Tot Ion:142 Resp: 2516
Ion Ratio Lower Upper
142 100
127 39.4 32.6 49.0
141 16.0 11.5 17.3



#11
Tert butyl alcohol
Concen: 0.21 ug/l
RT: 3.11 min Scan# 414
Delta R.T. 0.04 min
Lab File: VX000917.D
Acq: 16 Apr 2018 14:33

Tgt Ion: 59 Resp: 117
Ion Ratio Lower Upper
59 100
57 96.6 8.4 12.6#





#13

Acrolein

Concen: 0.40 ug/l

RT: 2.31 min Scan# 283

Delta R.T. 0.02 min

Lab File: VX000917.D

Acq: 16 Apr 2018 14:33

Instrument :

MSVOA_X

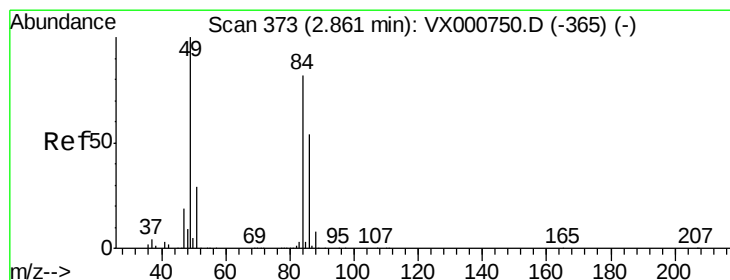
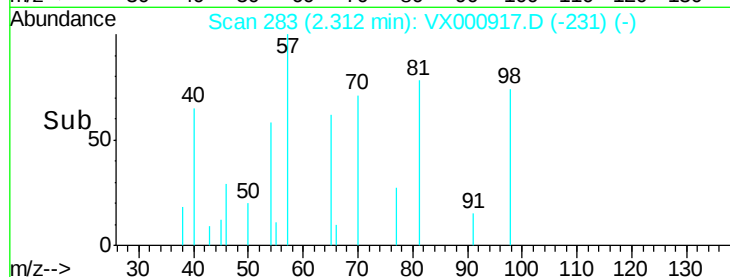
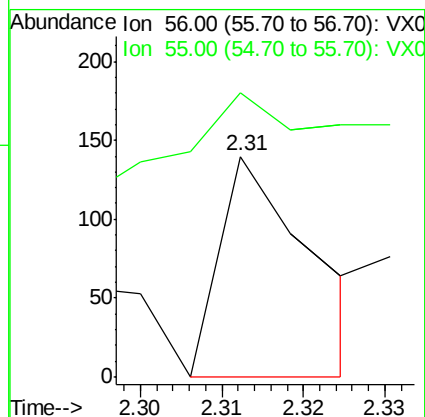
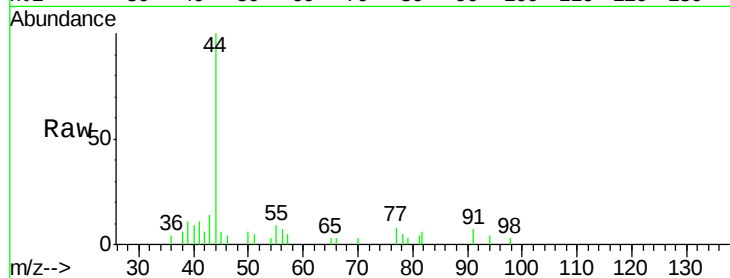
ClientSampleId :

Tot Ion: 56 Resp: 108

Ion Ratio Lower Upper

56 100

55 98.1 58.7 88.1#



#20

Methylene Chloride

Concen: 2.01 ug/l

RT: 2.85 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX000917.D

Acq: 16 Apr 2018 14:33

Tgt Ion: 84 Resp: 5091

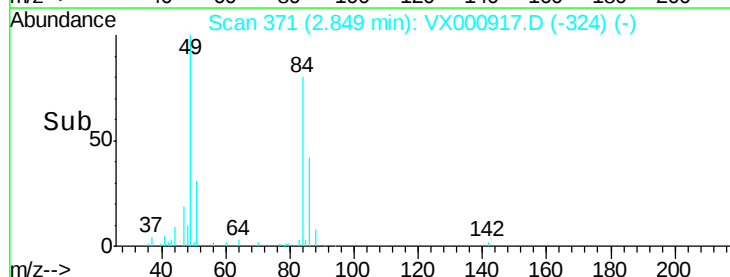
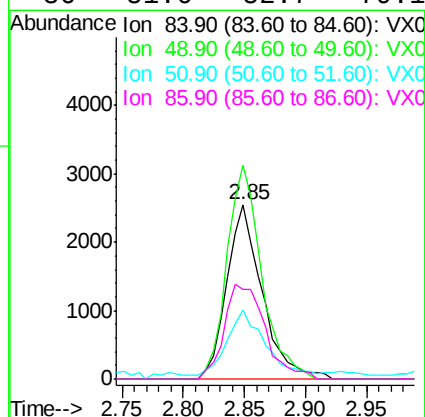
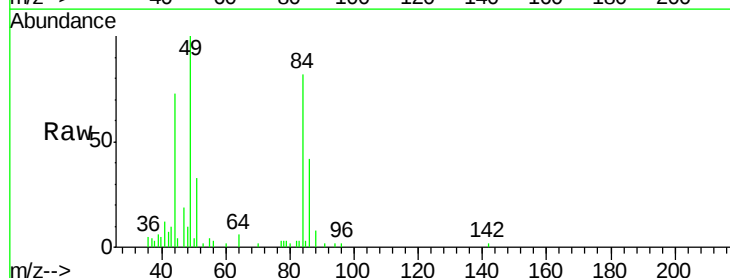
Ion Ratio Lower Upper

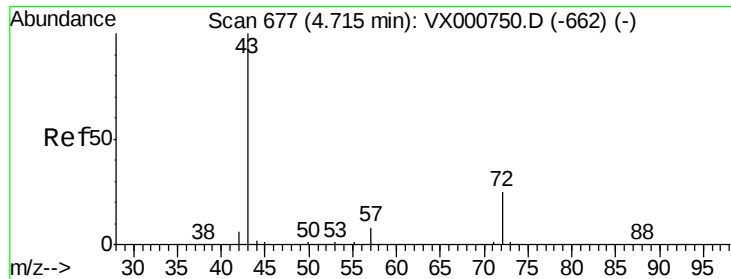
84 100

49 122.5 98.1 147.1

51 37.6 28.9 43.3

86 51.6 52.7 79.1#





#25

2-Butanone

Concen: 0.26 ug/l

RT: 4.75 min Scan# 683

Delta R.T. 0.04 min

Lab File: VX000917.D

Acq: 16 Apr 2018 14:33

Instrument :

MSVOA_X

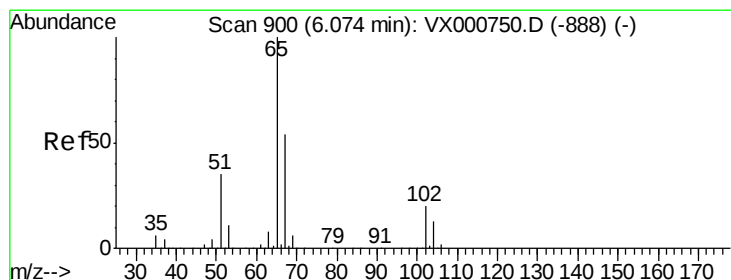
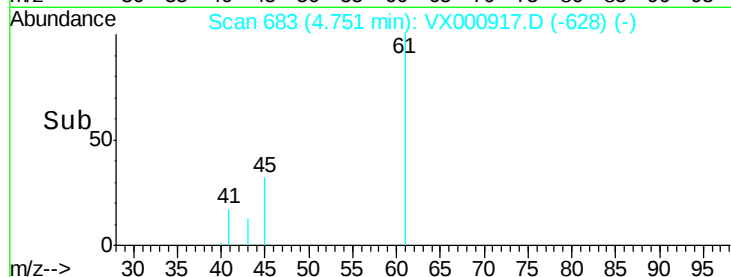
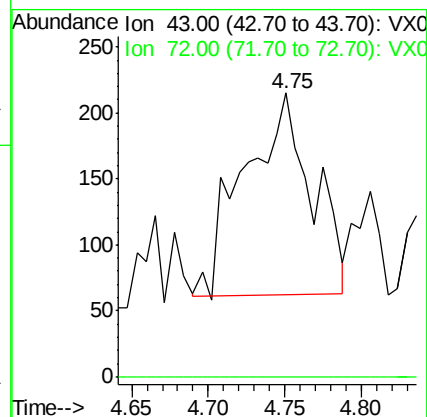
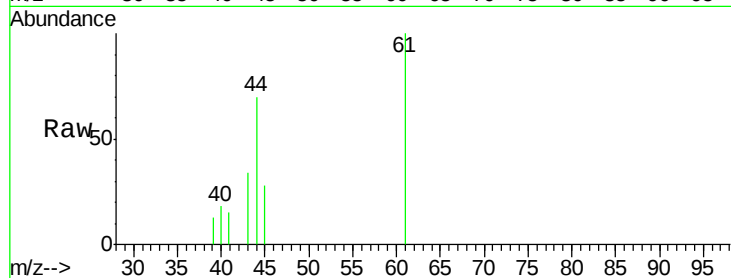
ClientSampleId :

Tot Ion: 43 Resp: 470

Ion Ratio Lower Upper

43 100

72 0.0 20.3 30.5#



#33

1,2-Dichloroethane-d4

Concen: 47.27 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX000917.D

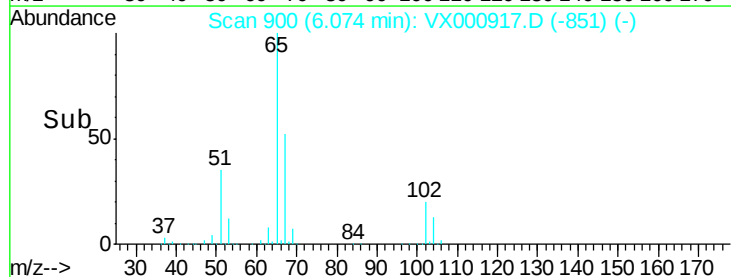
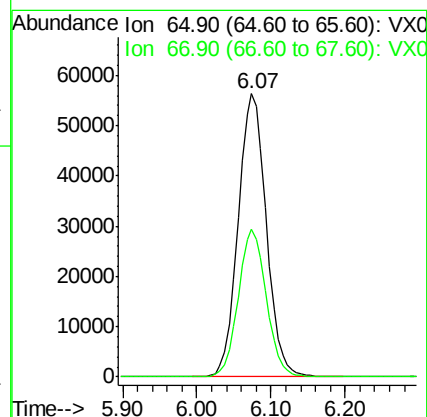
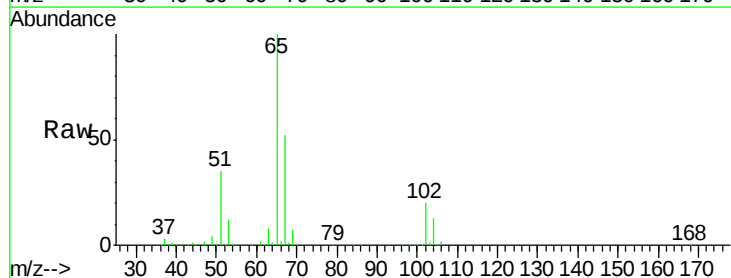
Acq: 16 Apr 2018 14:33

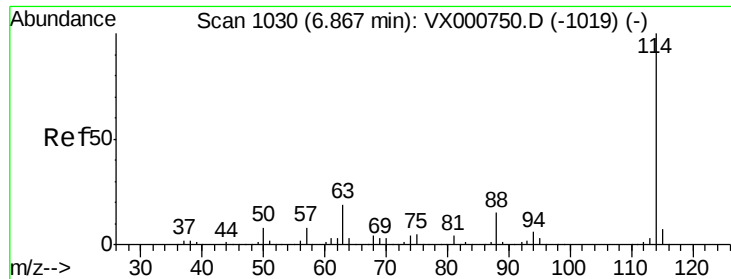
Tgt Ion: 65 Resp: 149598

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.8

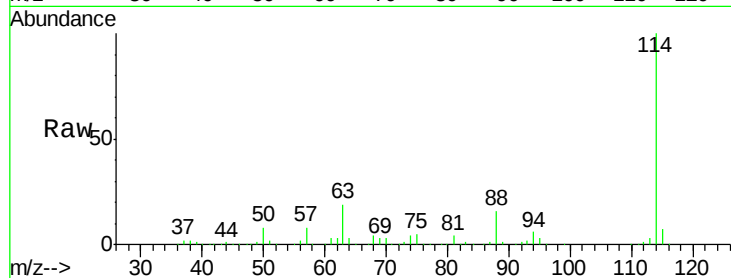




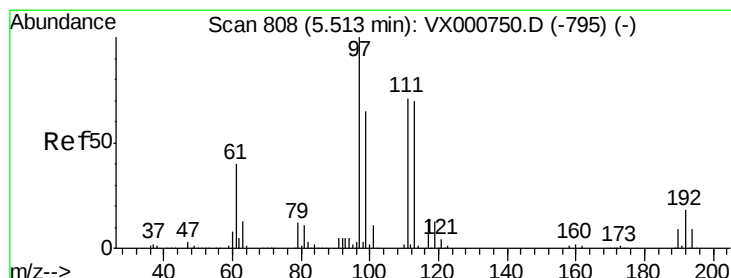
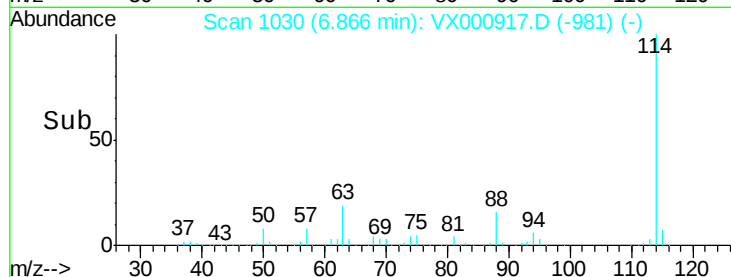
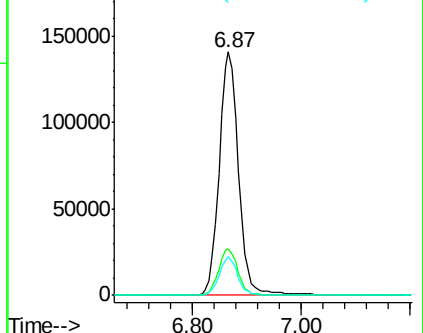
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX000917.D
 Acq: 16 Apr 2018 14:33

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:114 Resp: 346239
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.4
 88 15.8 0.0 31.0

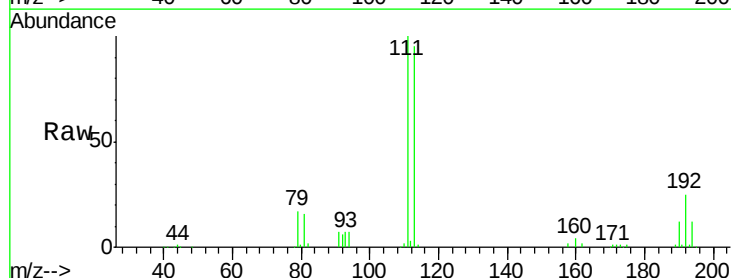


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

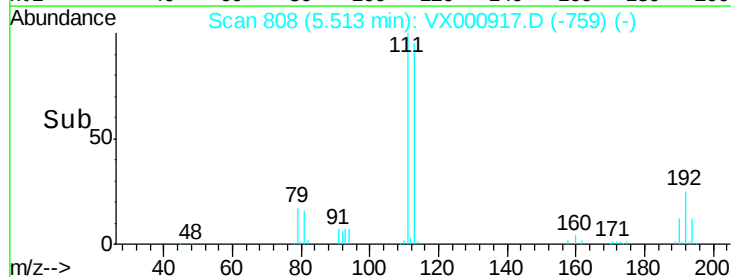
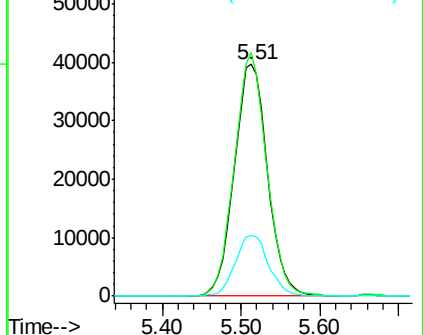


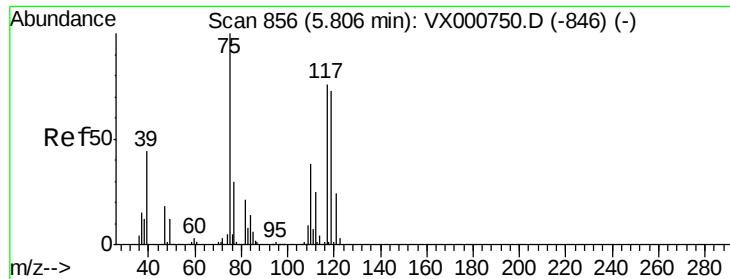
#35
 Dibromofluoromethane
 Concen: 43.70 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000917.D
 Acq: 16 Apr 2018 14:33

Tgt Ion:113 Resp: 116573
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.5 122.3
 192 26.2 20.4 30.6



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





#36

1,1-Dichloropropene

Concen: 4.02 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.15 min

Lab File: VX000917.D

Acq: 16 Apr 2018 14:33

Instrument :

MSVOA_X

ClientSampleId :

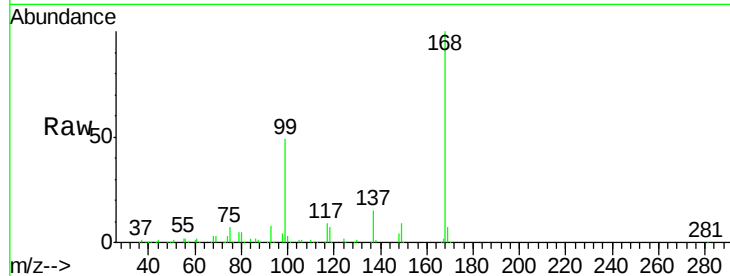
Tot Ion: 75 Resp: 15327

Ion Ratio Lower Upper

75 100

110 9.3 19.2 57.6#

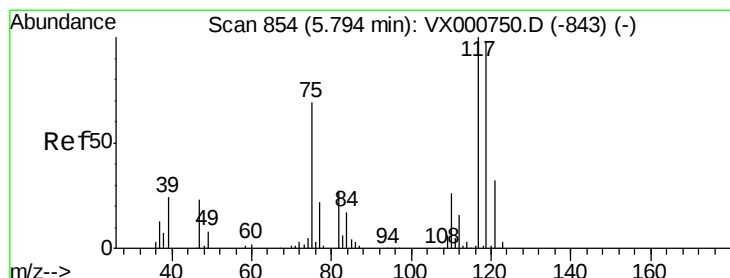
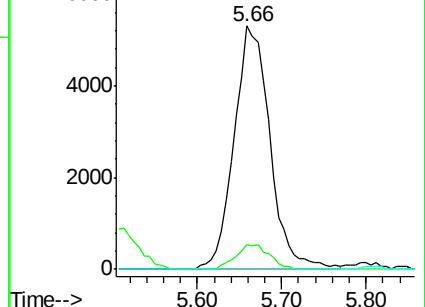
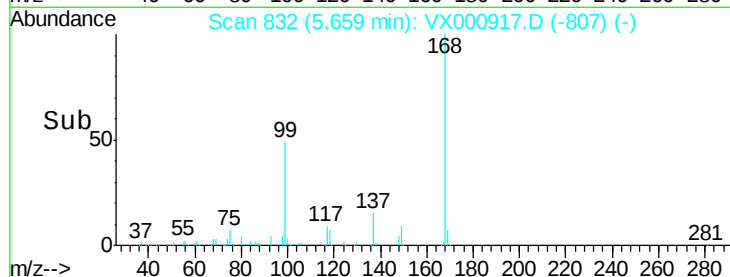
77 0.0 25.4 38.2#



Abundance Ion 74.90 (74.60 to 75.60): VX000917.D (-807) (-)

Ion 109.90 (109.60 to 110.60): VX000917.D (-807) (-)

Ion 76.90 (76.60 to 77.60): VX000917.D (-807) (-)



#38

Carbon Tetrachloride

Concen: 5.04 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX000917.D

Acq: 16 Apr 2018 14:33

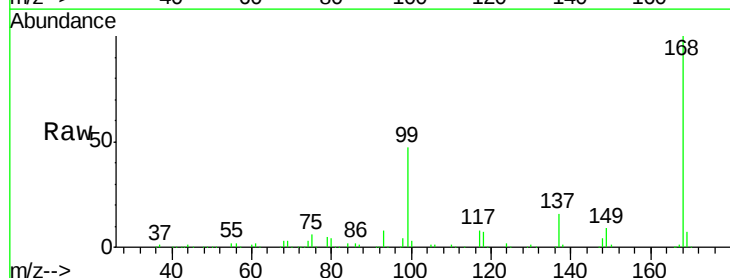
Tgt Ion: 117 Resp: 21513

Ion Ratio Lower Upper

117 100

119 5.1 78.4 117.6#

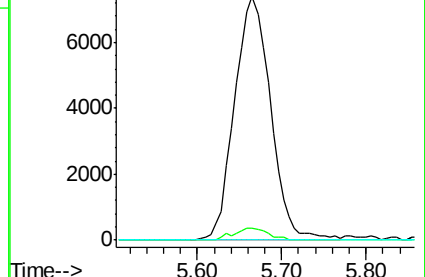
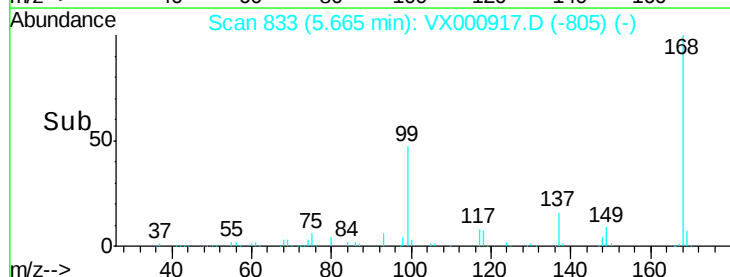
121 0.0 25.4 38.0#

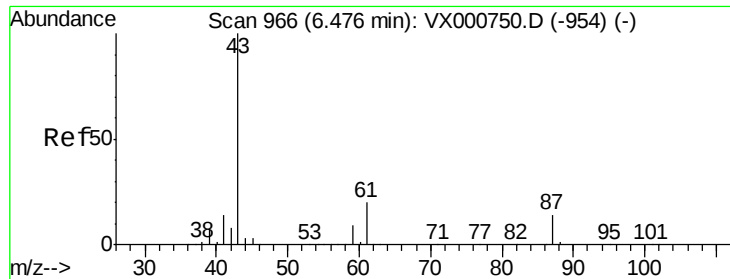


Abundance Ion 116.80 (116.50 to 117.50): VX000917.D (-805) (-)

Ion 118.80 (118.50 to 119.50): VX000917.D (-805) (-)

Ion 120.80 (120.50 to 121.50): VX000917.D (-805) (-)





#43

Isopropyl Acetate

Concen: 0.21 ug/l

RT: 6.50 min Scan# 970

Delta R.T. 0.02 min

Lab File: VX000917.D

Acq: 16 Apr 2018 14:33

Instrument :

MSVOA_X

ClientSampled :

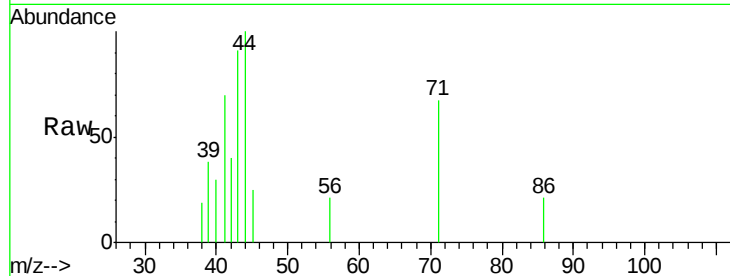
Tot Ion: 43 Resp: 1342

Ion Ratio Lower Upper

43 100

61 0.0 15.6 23.4#

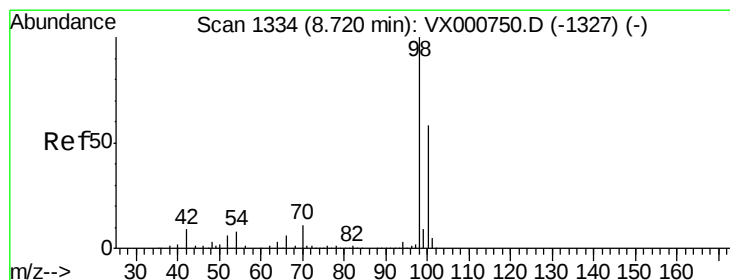
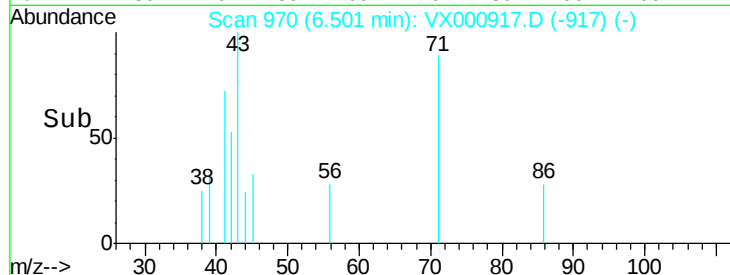
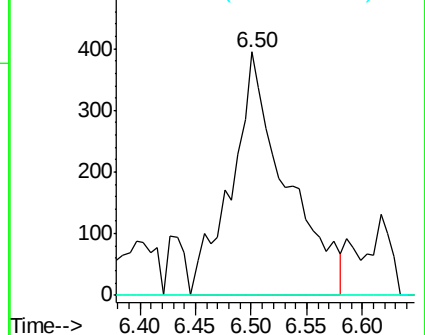
87 0.0 10.7 16.1#



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: 48.38 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000917.D

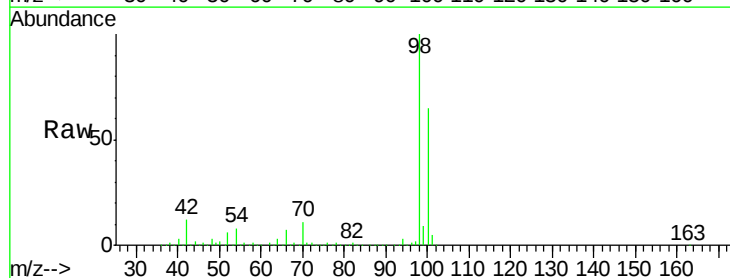
Acq: 16 Apr 2018 14:33

Tgt Ion: 98 Resp: 480528

Ion Ratio Lower Upper

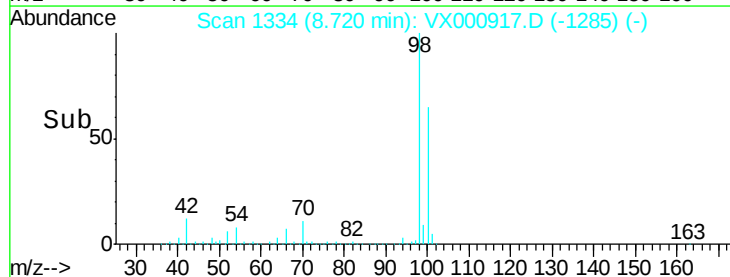
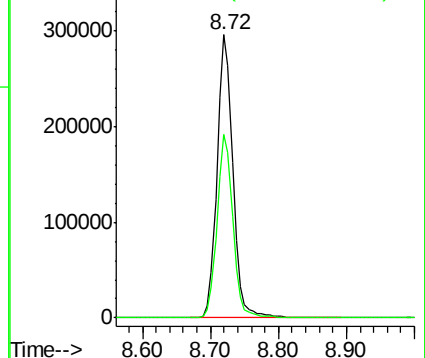
98 100

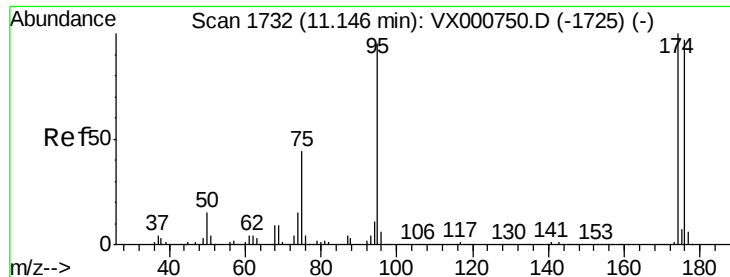
100 64.8 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

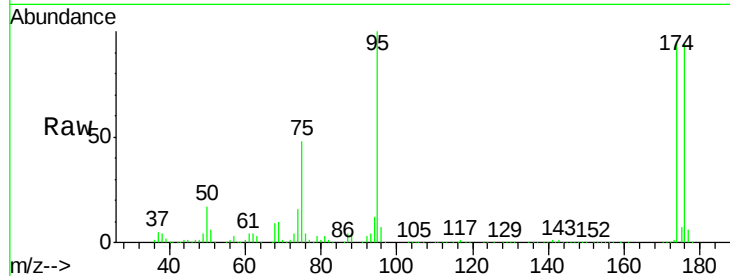




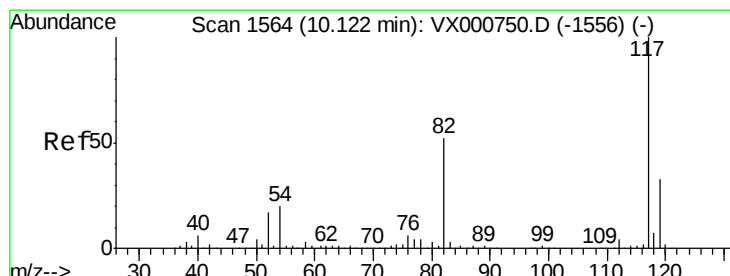
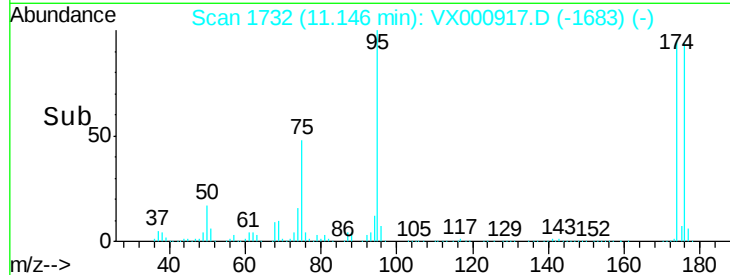
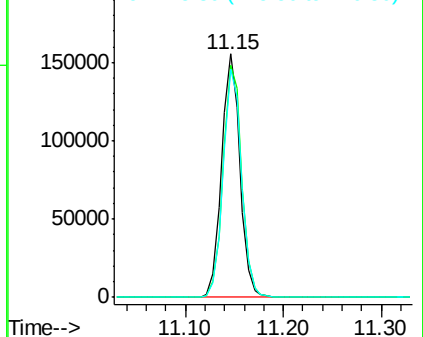
#62
4-Bromofluorobenzene
Concen: 48.96 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000917.D
Acq: 16 Apr 2018 14:33

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 95 Resp: 201194
Ion Ratio Lower Upper
95 100
174 96.9 0.0 198.4
176 94.5 0.0 194.4

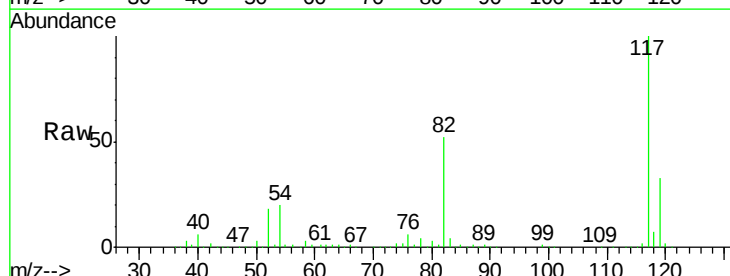


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

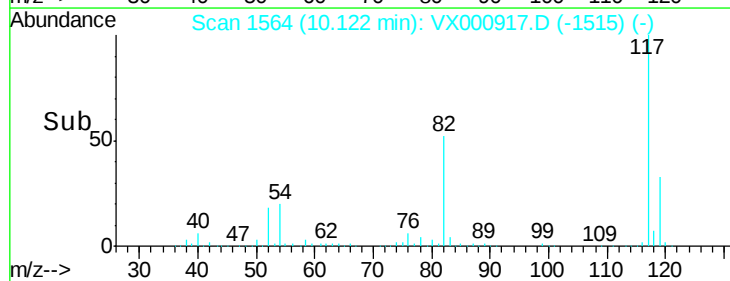
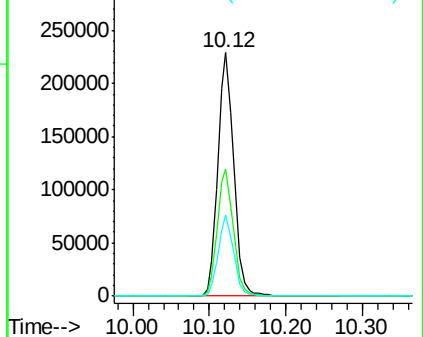


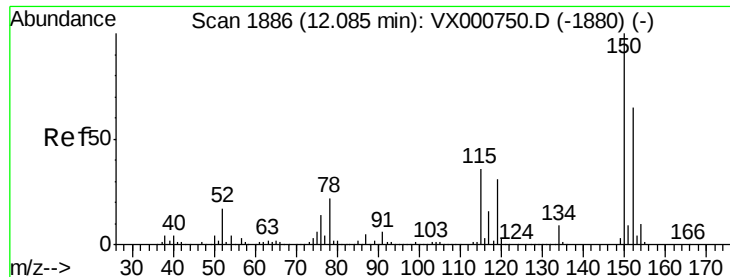
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000917.D
Acq: 16 Apr 2018 14:33

Tgt Ion: 117 Resp: 329387
Ion Ratio Lower Upper
117 100
82 52.3 41.9 62.9
119 33.3 26.0 39.0



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000917.D

Acq: 16 Apr 2018 14:33

Instrument :

MSVOA_X

ClientSampleId :

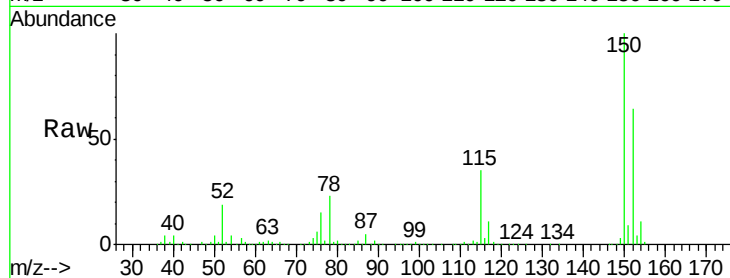
Tot Ion:152 Resp: 230127

Ion Ratio Lower Upper

152 100

115 53.8 37.9 113.7

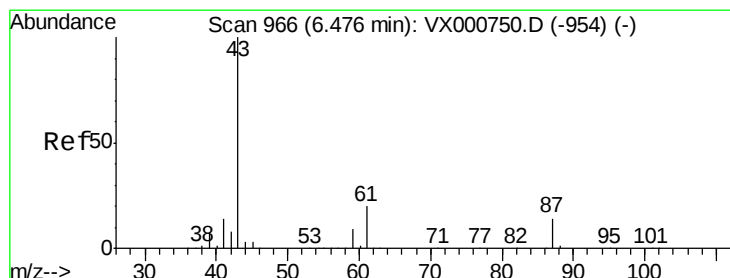
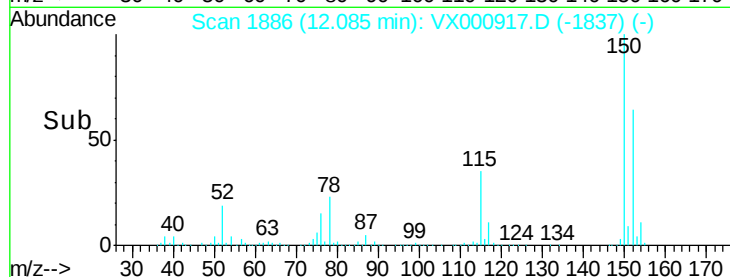
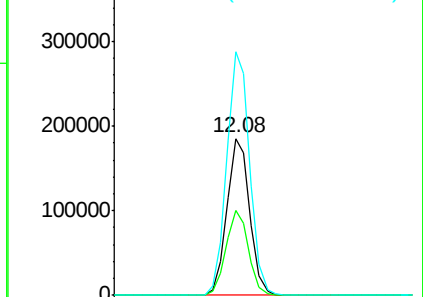
150 156.8 0.0 348.0



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: 0.20 ug/l

RT: 6.50 min Scan# 970

Delta R.T. 0.02 min

Lab File: VX000917.D

Acq: 16 Apr 2018 14:33

Tgt Ion: 43 Resp: 1342

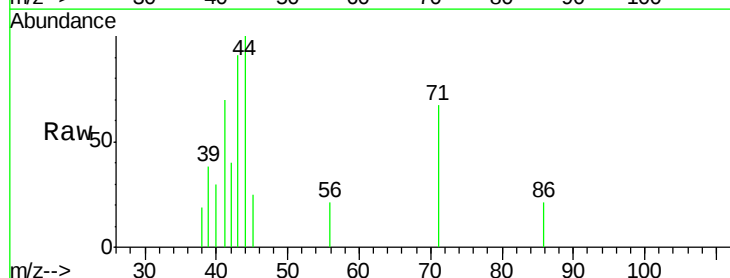
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 0.0 15.6 23.4#

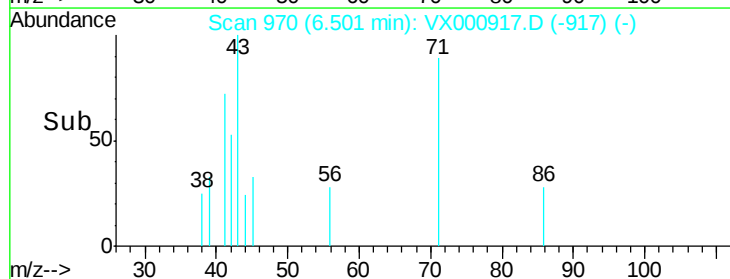
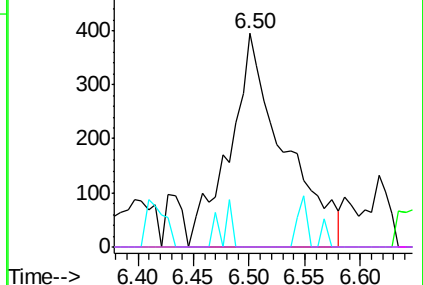


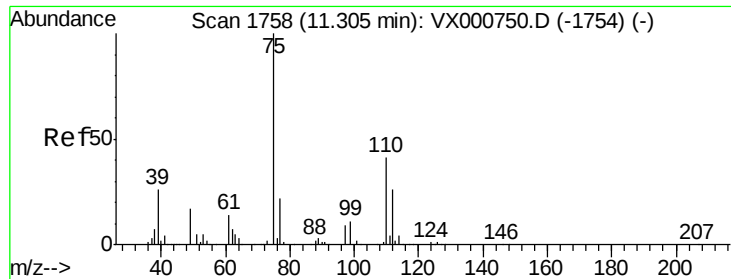
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

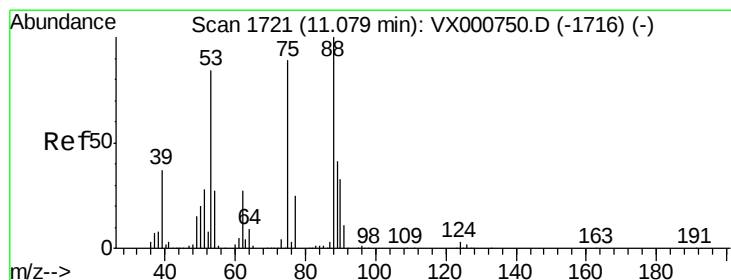
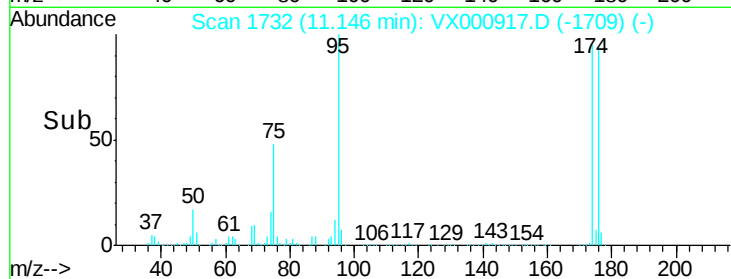
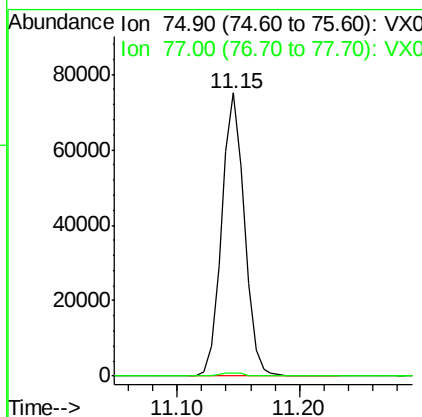
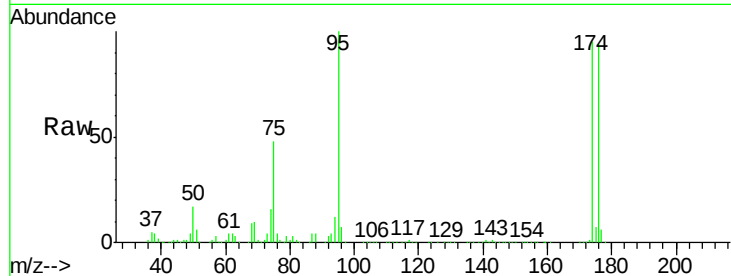




#76
 1,2,3-Trichloropropane
 Concen: 24.40 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. -0.16 min
 Lab File: VX000917.D
 Acq: 16 Apr 2018 14:33

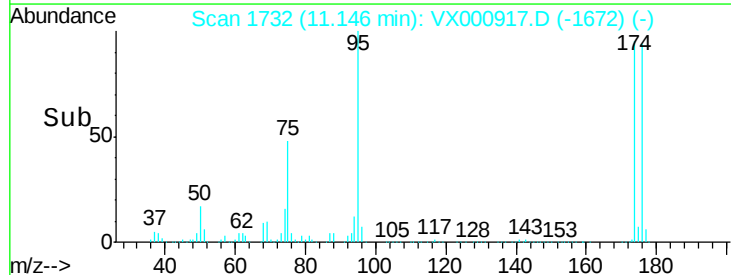
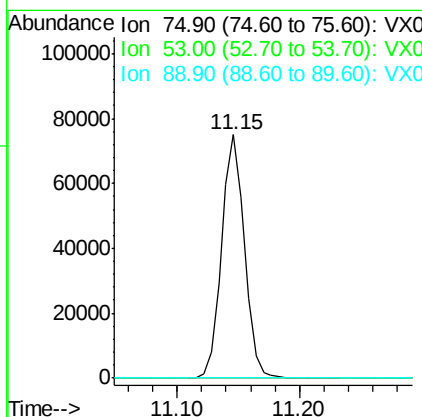
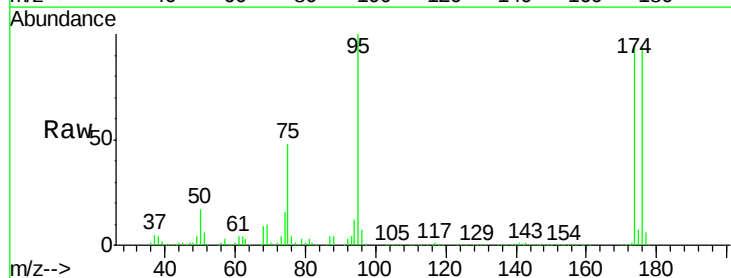
Instrument :
 MSVOA_X
 ClientSampled :

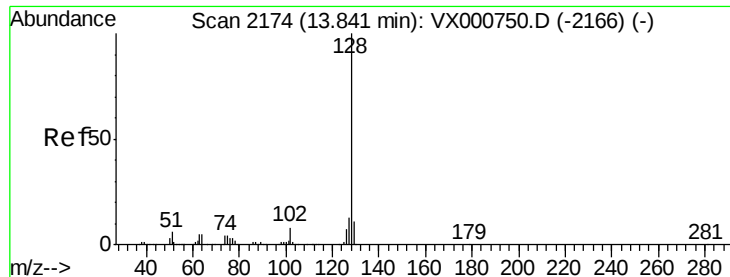
Tot Ion: 75 Resp: 96833
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.5 61.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.12 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.07 min
 Lab File: VX000917.D
 Acq: 16 Apr 2018 14:33

Tgt Ion: 75 Resp: 96833
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.4 113.0#
 89 0.0 40.9 61.3#

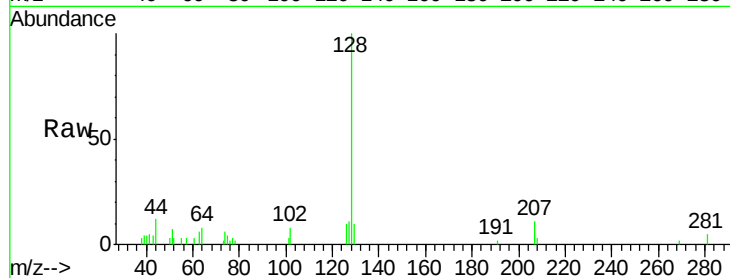




#95
Naphthalene
Concen: 0.21 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000917.D
Acq: 16 Apr 2018 14:33

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	9.9	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

