

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041718\
 Data File : VX000976.D
 Acq On : 17 Apr 2018 20:15
 Operator : JC/MD
 Sample : J2410-08 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 18 04:00:54 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	254232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	352638	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	322551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	202206	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	159549	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	
35) Dibromofluoromethane	5.51	113	123130	45.32	ug/l	0.00
Spiked Amount			Recovery	=	90.64%	
50) Toluene-d8	8.72	98	488150	48.26	ug/l	0.00
Spiked Amount			Recovery	=	96.52%	
62) 4-Bromofluorobenzene	11.14	95	184978	44.20	ug/l	0.00
Spiked Amount			Recovery	=	88.40%	

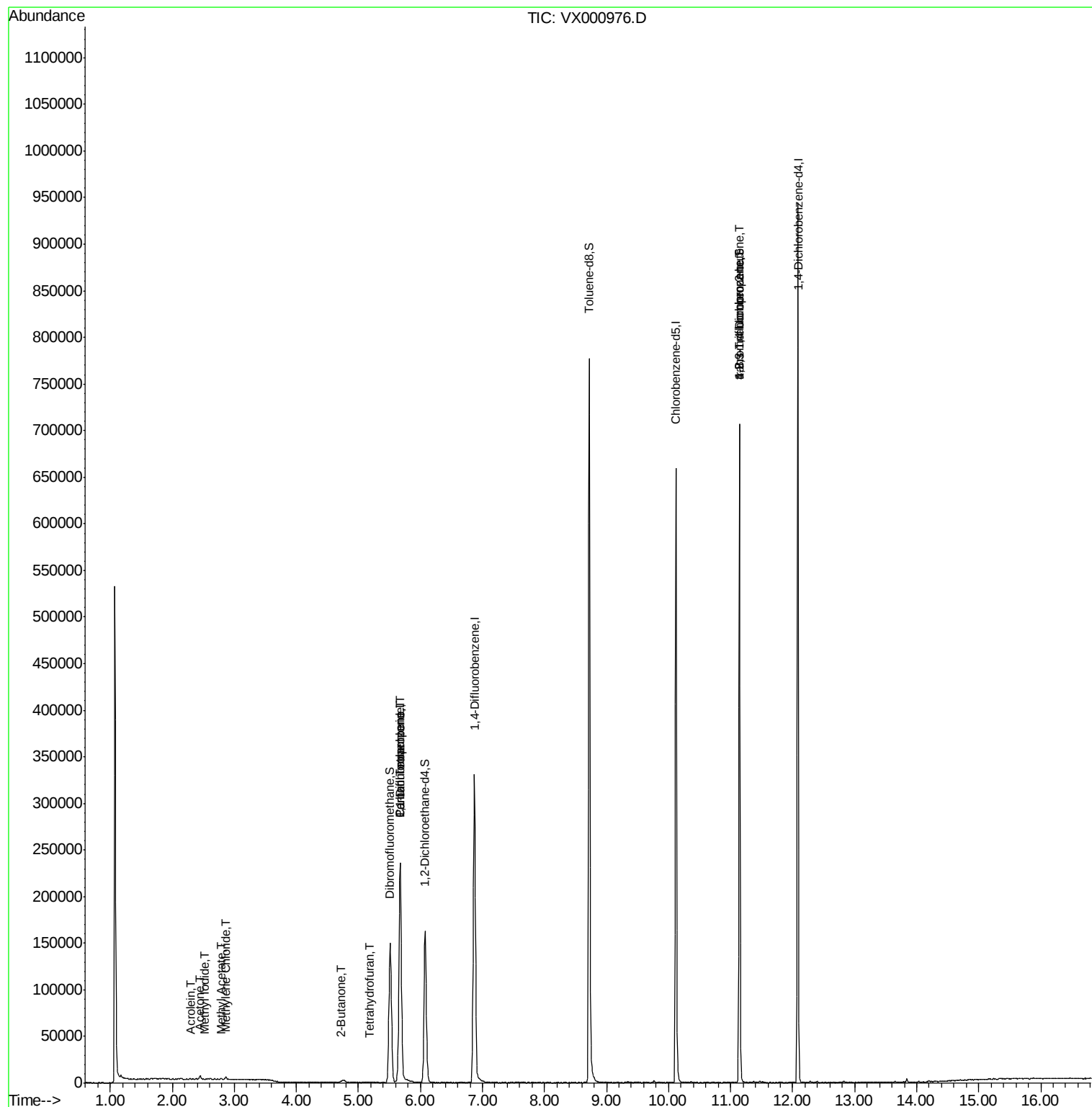
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	160	Below Cal		86
10) Methyl Iodide	2.52	142	97	8.273	ug/l #	42
13) Acrolein	2.30	56	142	0.514	ug/l #	13
16) Acetone	2.45	43	4232	3.828	ug/l	91
18) Methyl Acetate	2.79	43	796	0.278	ug/l	91
20) Methylene Chloride	2.86	84	1235	0.480	ug/l #	85
25) 2-Butanone	4.71	43	1454	0.796	ug/l	94
29) Tetrahydrofuran	5.19	42	688	0.594	ug/l #	50
36) 1,1-Dichloropropene	5.67	75	15384	3.961	ug/l #	49
38) Carbon Tetrachloride	5.68	117	21909	5.040	ug/l #	15
76) 1,2,3-Trichloropropane	11.14	75	91803	26.325	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	91803	72.415	ug/l #	11

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

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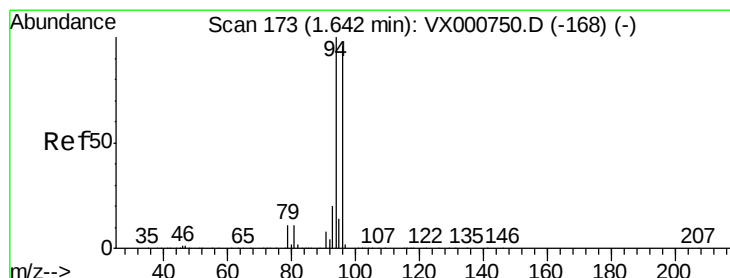
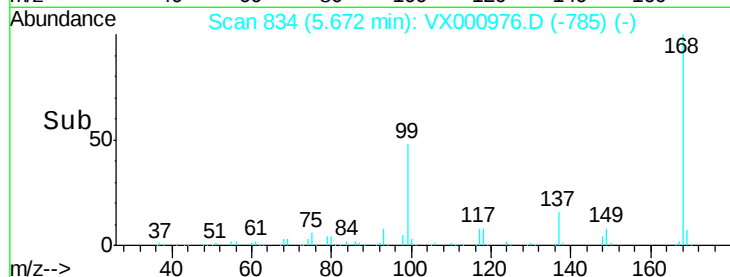
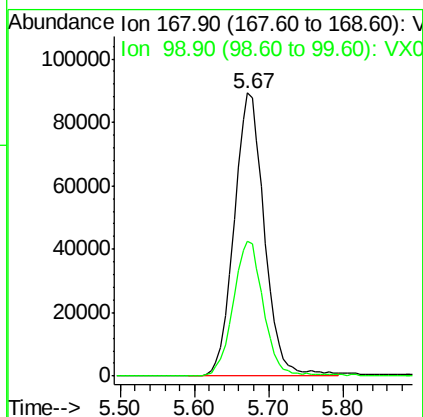
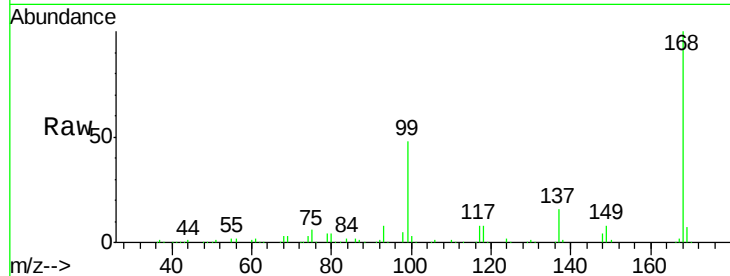




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX000976.D
Acq: 17 Apr 2018 20:15

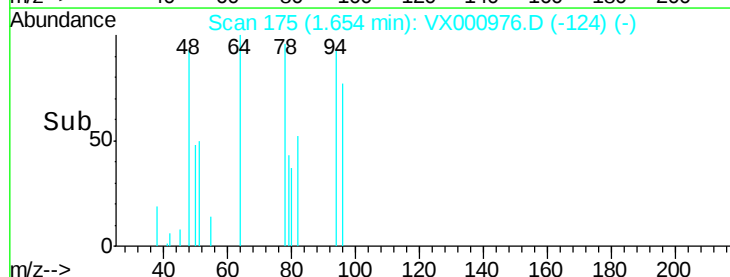
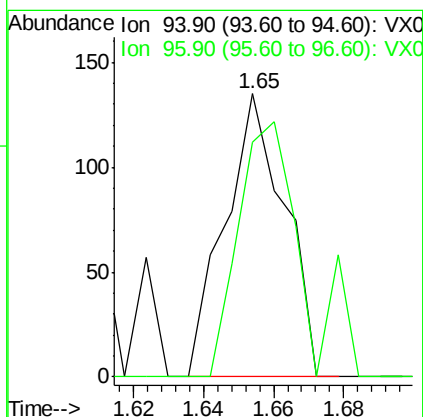
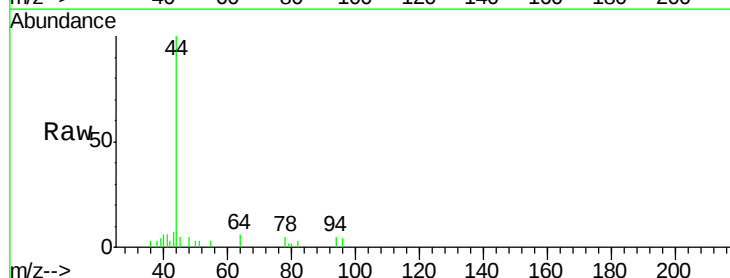
Instrument :
MSVOA_X
ClientSampleId :

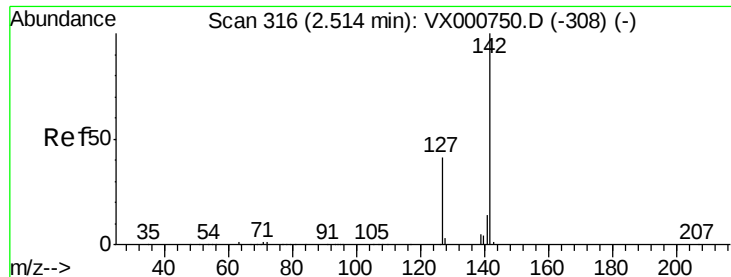
Tot Ion:168 Resp: 254232
Ion Ratio Lower Upper
168 100
99 47.5 38.3 57.5



#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 175
Delta R.T. 0.01 min
Lab File: VX000976.D
Acq: 17 Apr 2018 20:15

Tgt Ion: 94 Resp: 160
Ion Ratio Lower Upper
94 100
96 83.0 77.0 115.6





#10

Methyl Iodide

Concen: 8.273 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX000976.D

Acq: 17 Apr 2018 20:15

Instrument :

MSVOA_X

ClientSampled :

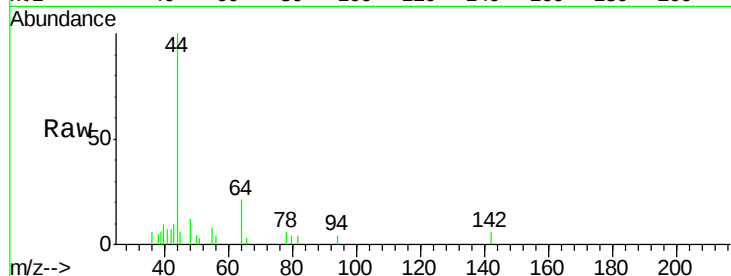
Tot Ion:142 Resp: 97

Ion Ratio Lower Upper

142 100

127 0.0 32.6 49.0#

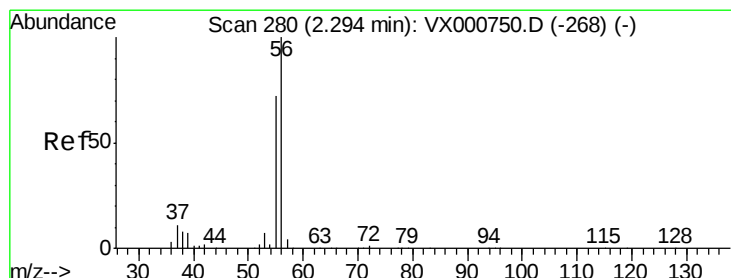
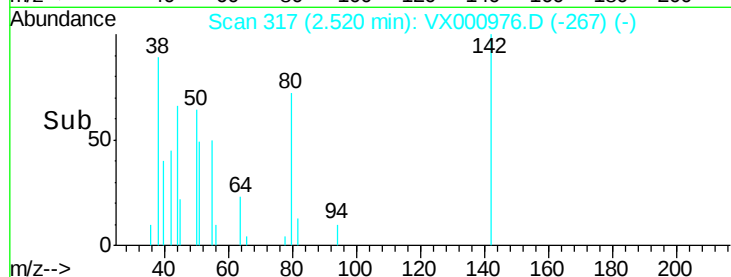
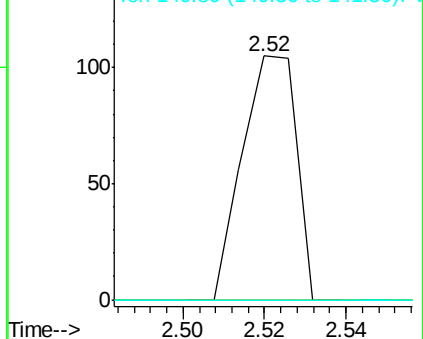
141 0.0 11.5 17.3#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#13

Acrolein

Concen: 0.514 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX000976.D

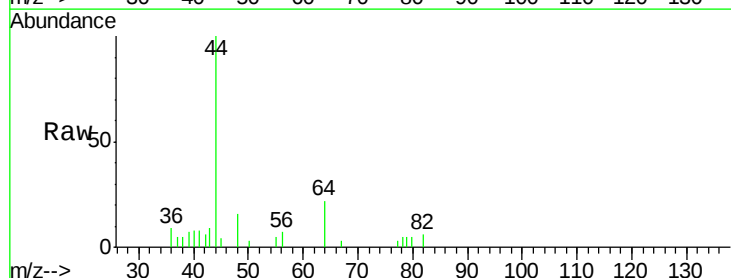
Acq: 17 Apr 2018 20:15

Tgt Ion: 56 Resp: 142

Ion Ratio Lower Upper

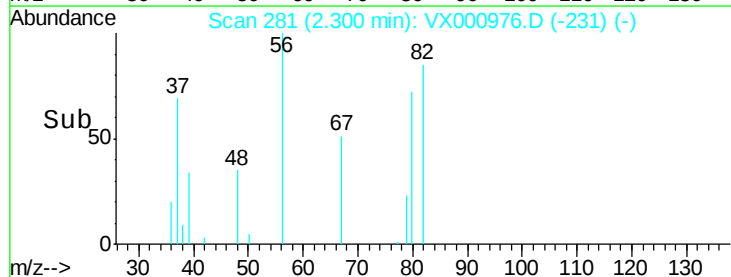
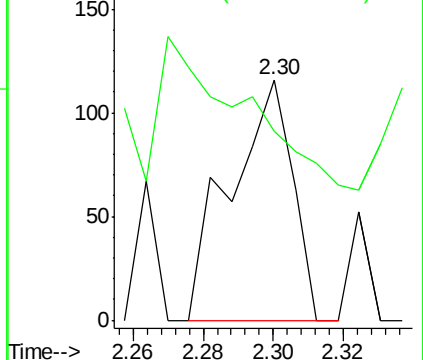
56 100

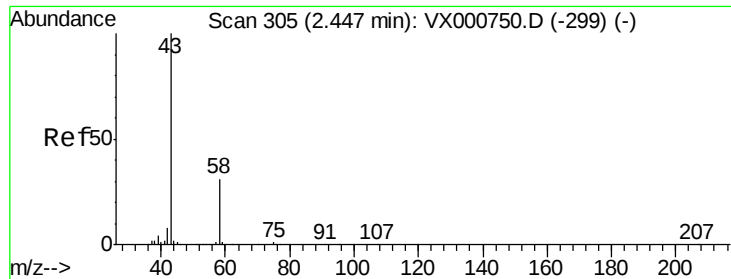
55 0.0 58.7 88.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 3.828 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX000976.D

Acq: 17 Apr 2018 20:15

Instrument :

MSVOA_X

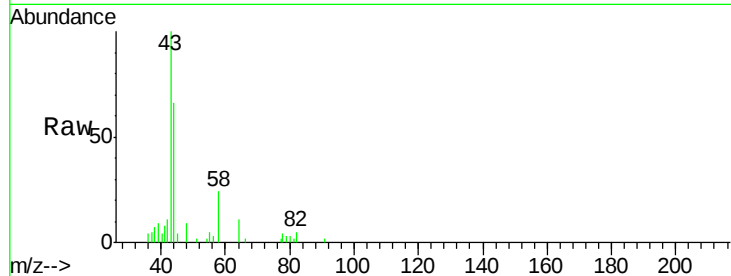
ClientSampleId :

Tot Ion: 43 Resp: 4232

Ion Ratio Lower Upper

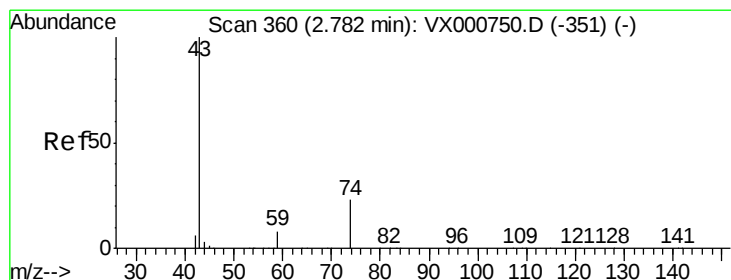
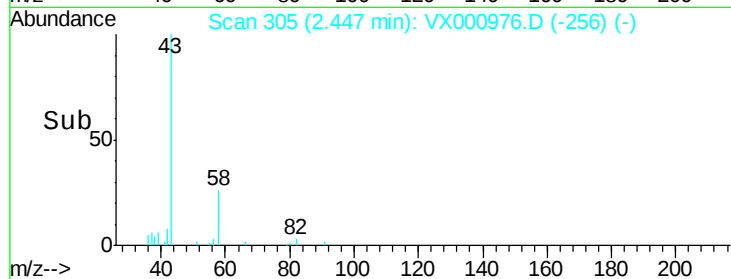
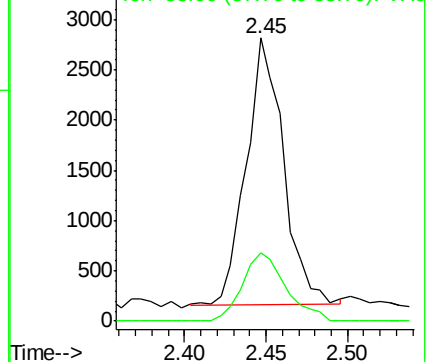
43 100

58 25.8 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 0.278 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.01 min

Lab File: VX000976.D

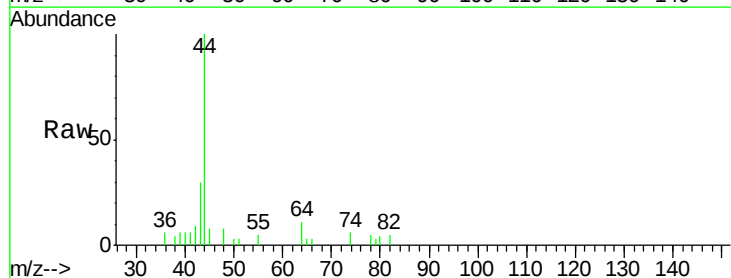
Acq: 17 Apr 2018 20:15

Tgt Ion: 43 Resp: 796

Ion Ratio Lower Upper

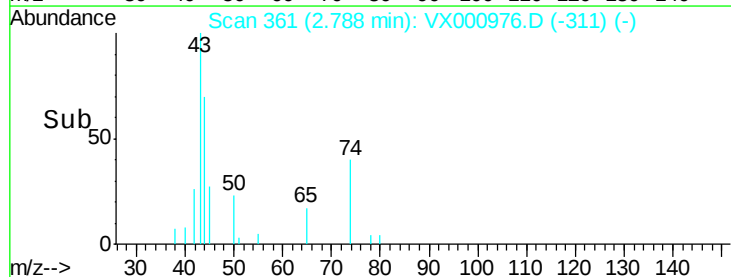
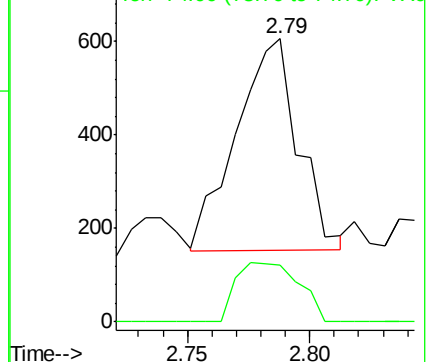
43 100

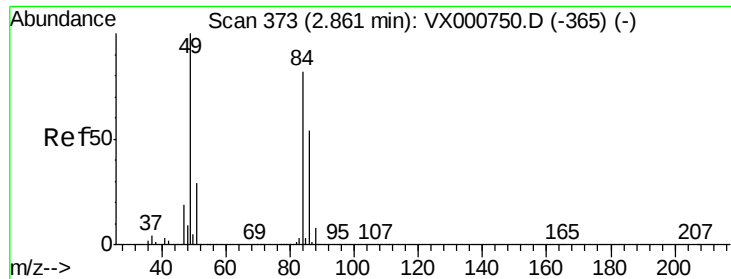
74 28.5 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

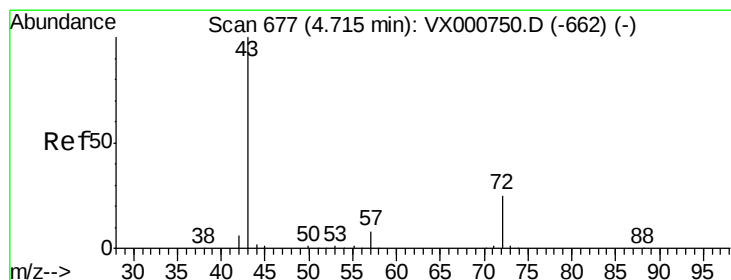
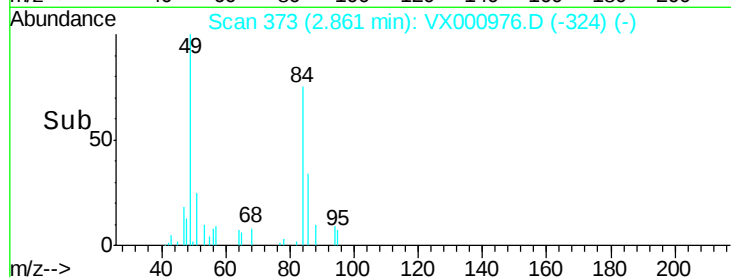
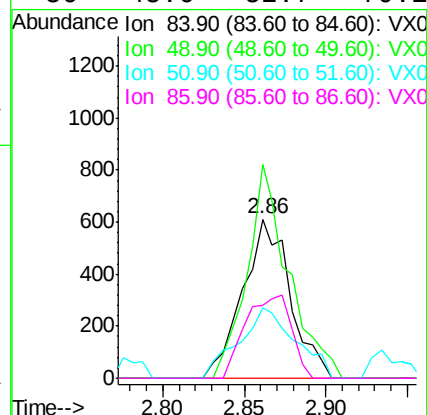
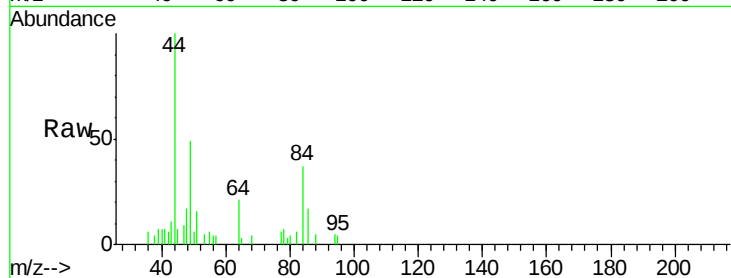




#20
Methvlene Chloride
Concen: 0.480 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000976.D
Acq: 17 Apr 2018 20:15

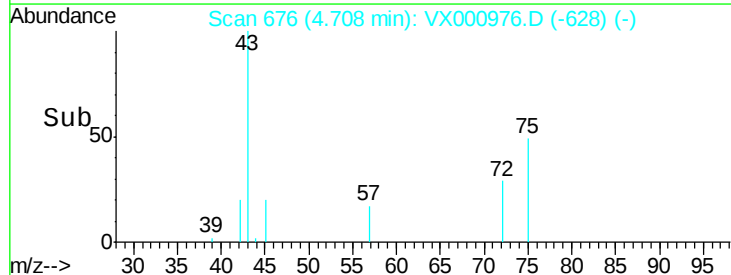
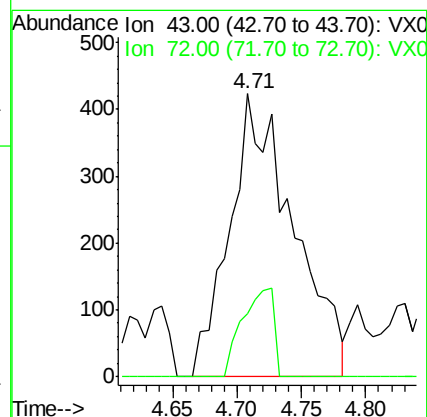
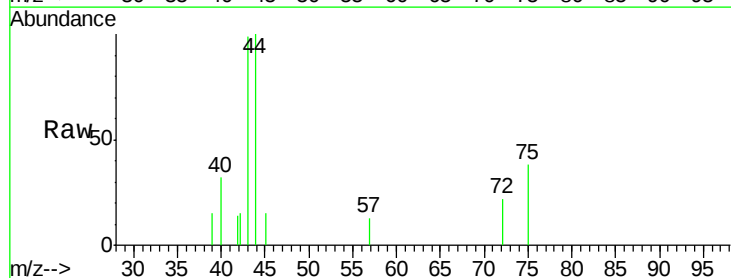
Instrument :
MSVOA_X
ClientSampled :

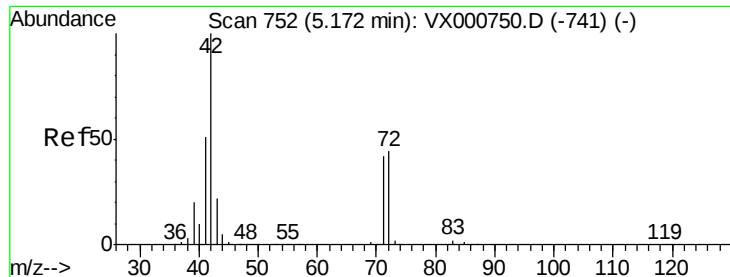
Tot Ion: 84 Resp: 1235
Ion Ratio Lower Upper
84 100
49 134.2 98.1 147.1
51 44.0 28.9 43.3#
86 45.6 52.7 79.1#



#25
2-Butanone
Concen: 0.796 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX000976.D
Acq: 17 Apr 2018 20:15

Tgt Ion: 43 Resp: 1454
Ion Ratio Lower Upper
43 100
72 22.5 20.3 30.5

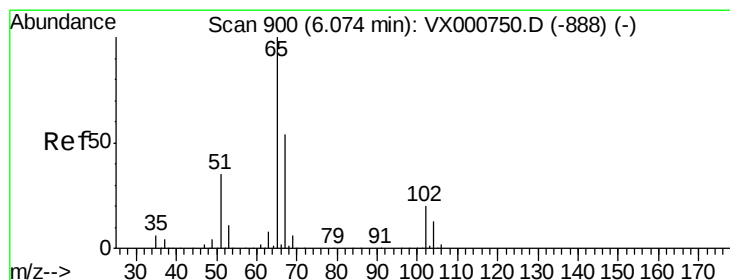
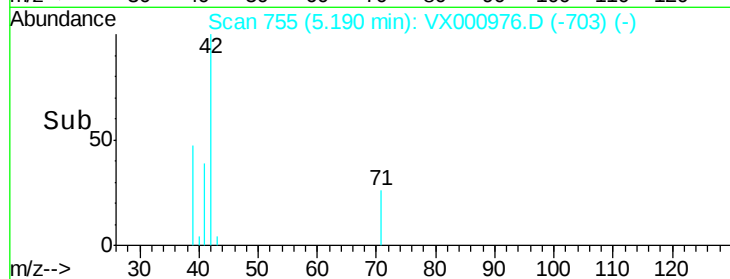
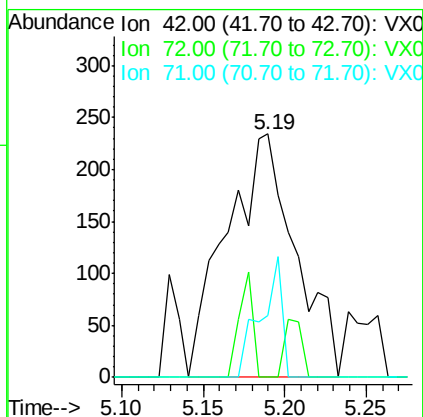
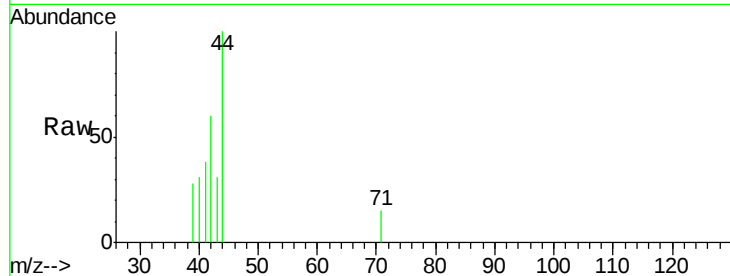




#29
Tetrahydrofuran
Concen: 0.594 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.02 min
Lab File: VX000976.D
Acq: 17 Apr 2018 20:15

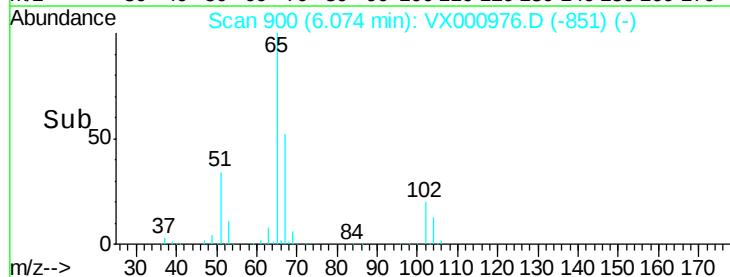
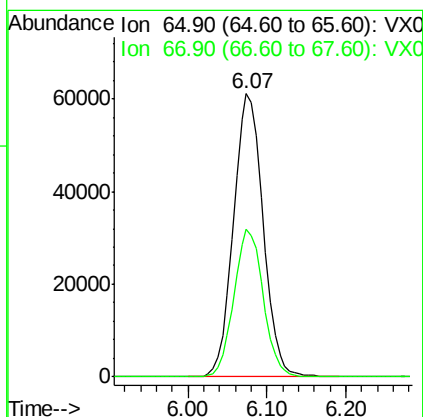
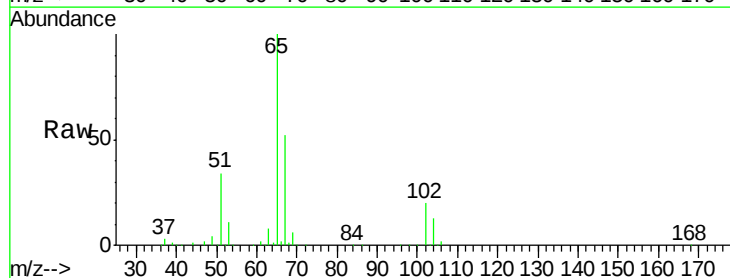
Instrument :
MSVOA_X
ClientSampleId :

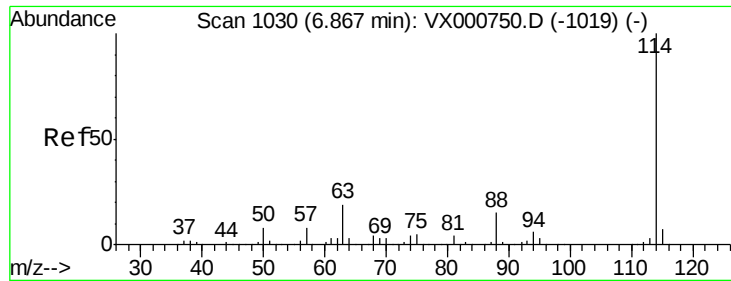
Tot Ion: 42 Resp: 688
Ion Ratio Lower Upper
42 100
72 5.8 35.1 52.7#
71 15.1 32.8 49.2#



#33
1,2-Dichloroethane-d4
Concen: 49.772 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX000976.D
Acq: 17 Apr 2018 20:15

Tgt Ion: 65 Resp: 159549
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.8

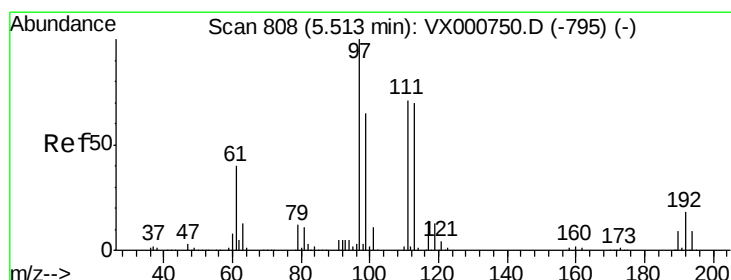
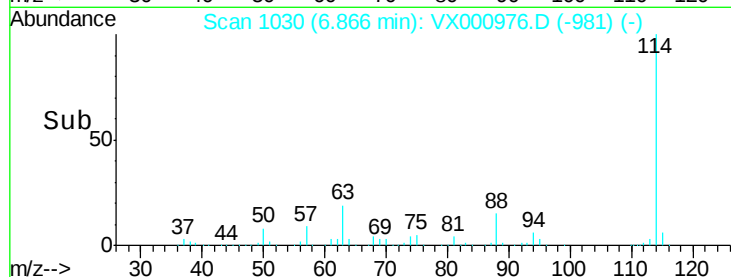
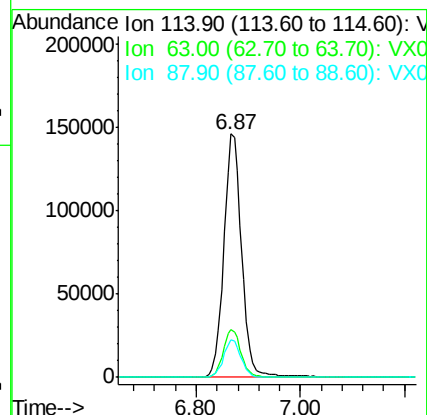
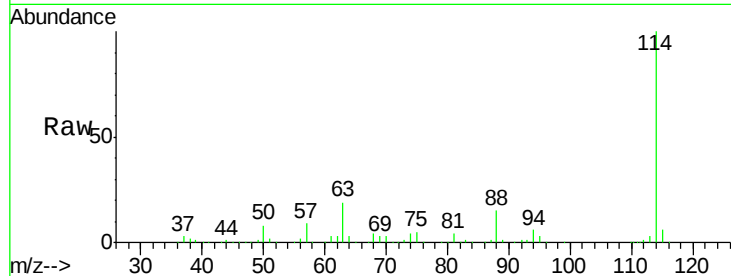




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX000976.D
 Acq: 17 Apr 2018 20:15

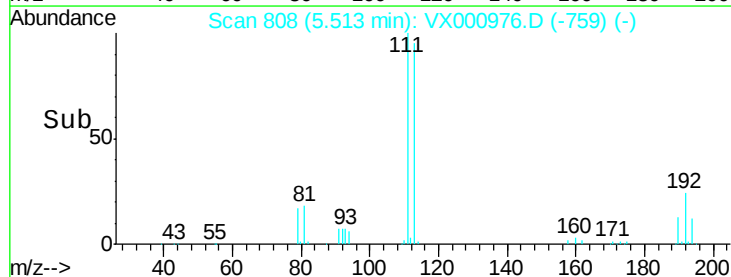
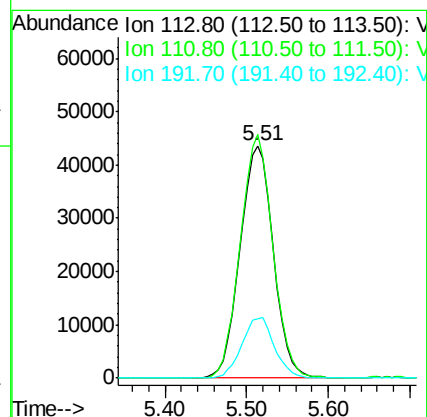
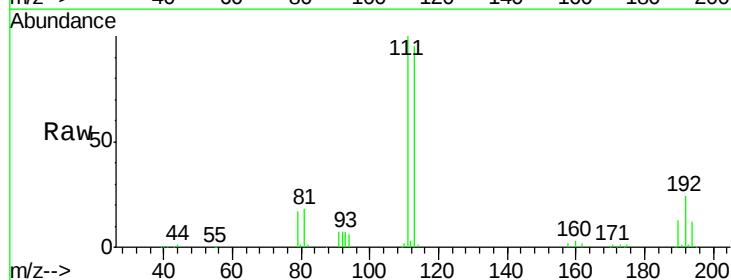
Instrument :
 MSVOA_X
 ClientSampleId :

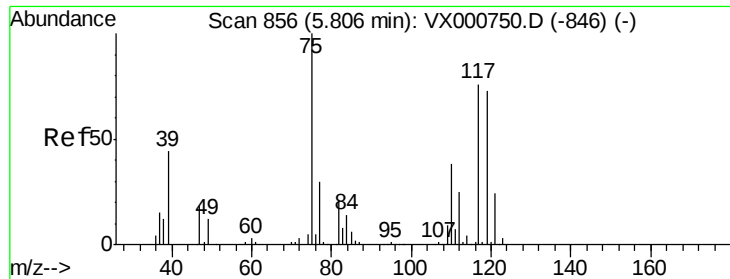
Tot Ion:114 Resp: 352638
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.4
 88 15.3 0.0 31.0



#35
 Dibromofluoromethane
 Concen: 45.321 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000976.D
 Acq: 17 Apr 2018 20:15

Tgt Ion:113 Resp: 123130
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.5 122.3
 192 25.7 20.4 30.6

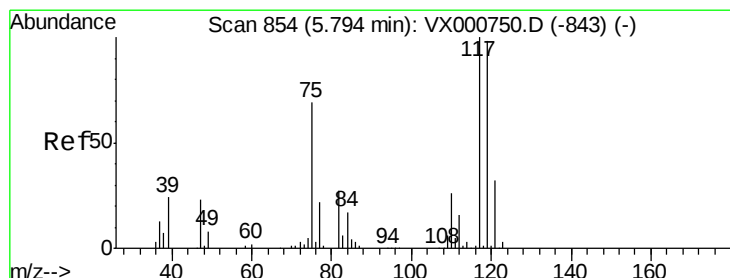
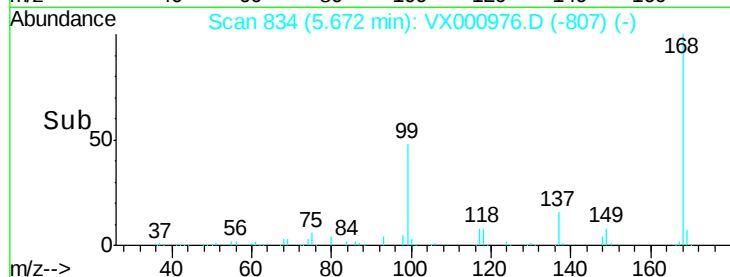
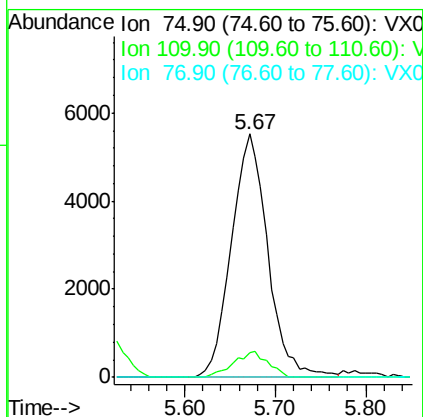
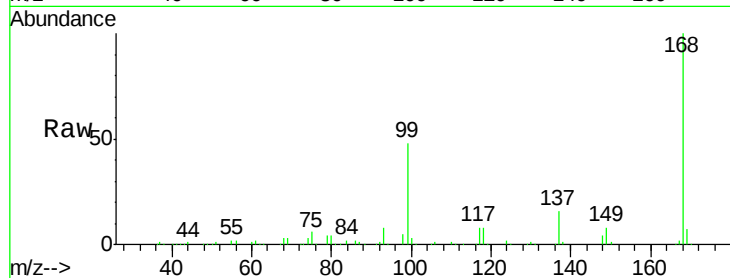




#36
 1,1-Dichloropropene
 Concen: 3.961 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX000976.D
 Acq: 17 Apr 2018 20:15

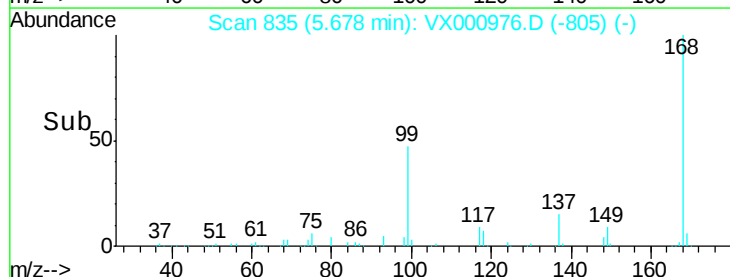
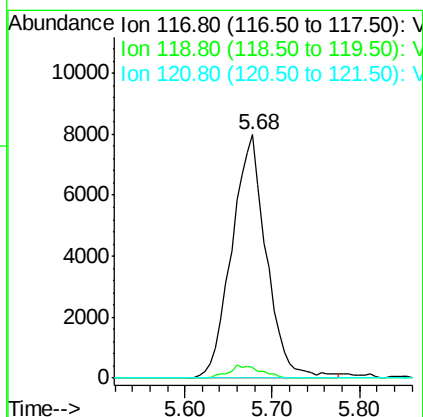
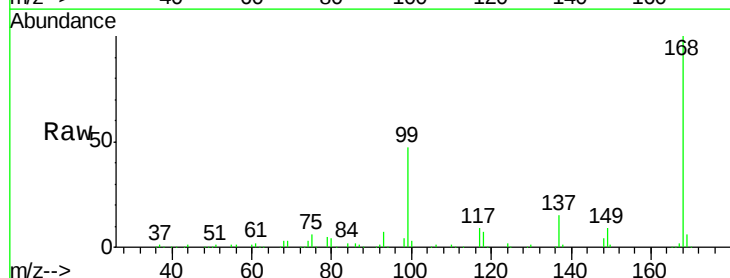
Instrument :
 MSVOA_X
 ClientSampleId :

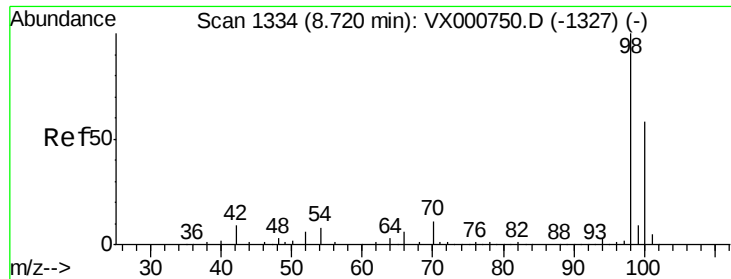
Tot Ion: 75 Resp: 15384
 Ion Ratio Lower Upper
 75 100
 110 10.0 19.2 57.6#
 77 0.0 25.4 38.2#



#38
 Carbon Tetrachloride
 Concen: 5.040 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.12 min
 Lab File: VX000976.D
 Acq: 17 Apr 2018 20:15

Tgt Ion: 117 Resp: 21909
 Ion Ratio Lower Upper
 117 100
 119 4.6 78.4 117.6#
 121 0.0 25.4 38.0#

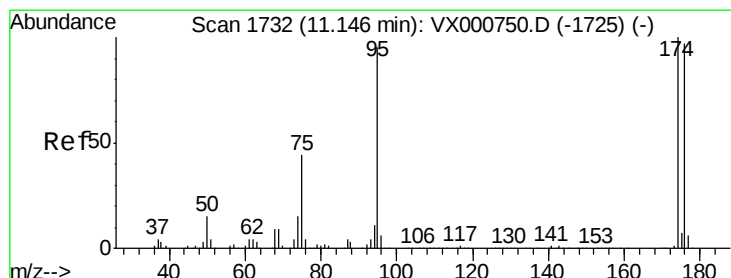
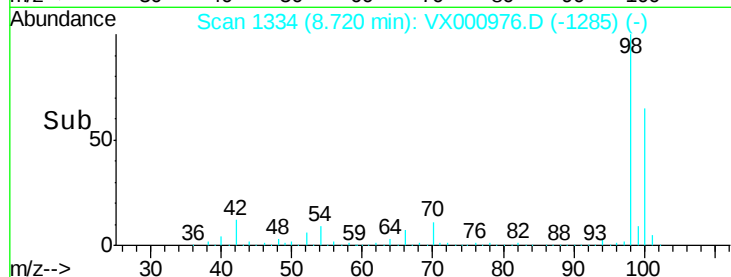
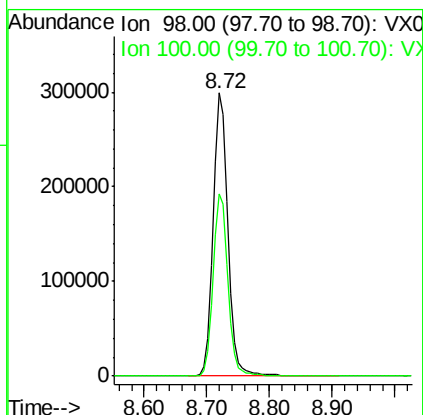
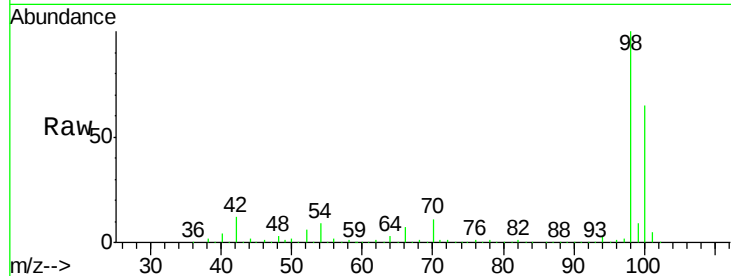




#50
Toluene-d8
Concen: 48.256 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX000976.D
Acq: 17 Apr 2018 20:15

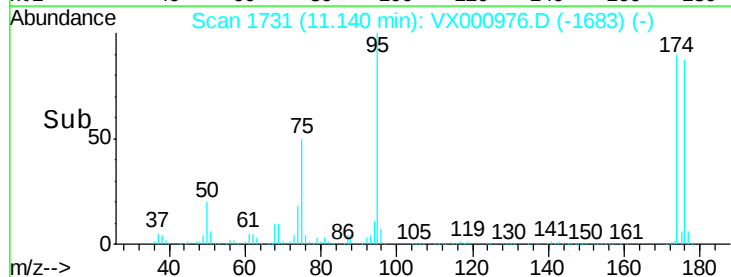
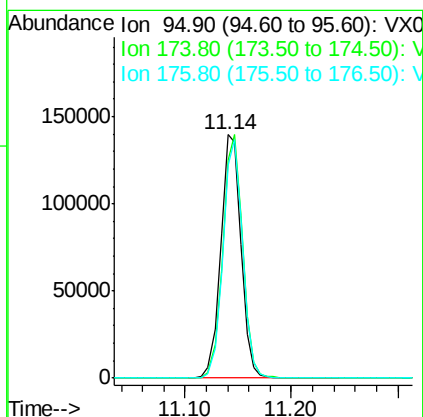
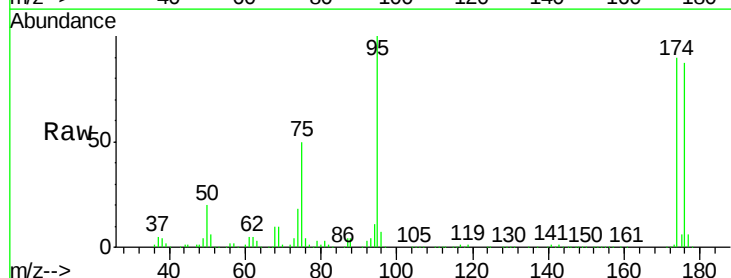
Instrument :
MSVOA_X
ClientSampleId :

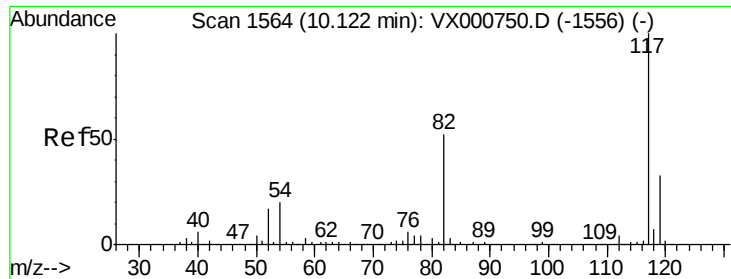
Tot Ion: 98 Resp: 488150
Ion Ratio Lower Upper
98 100
100 64.8 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 44.198 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.01 min
Lab File: VX000976.D
Acq: 17 Apr 2018 20:15

Tgt Ion: 95 Resp: 184978
Ion Ratio Lower Upper
95 100
174 97.6 0.0 198.4
176 95.1 0.0 194.4

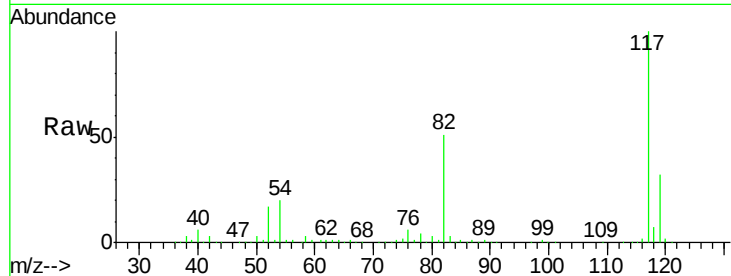




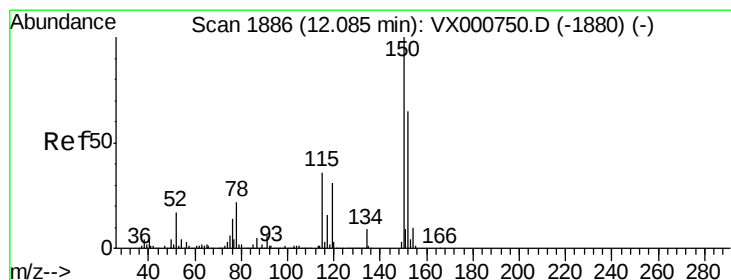
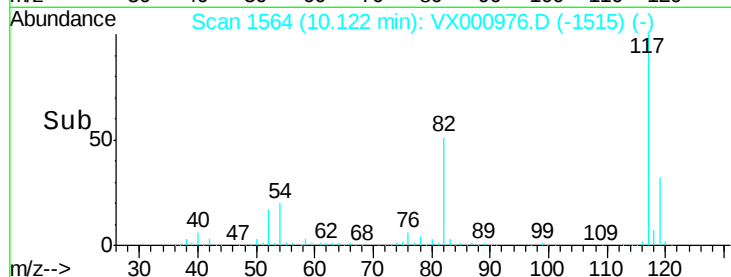
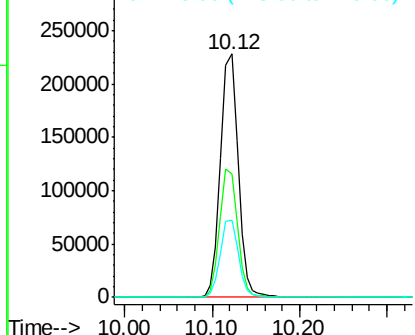
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000976.D
Acq: 17 Apr 2018 20:15

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 322551
Ion Ratio Lower Upper
117 100
82 50.7 41.9 62.9
119 31.9 26.0 39.0

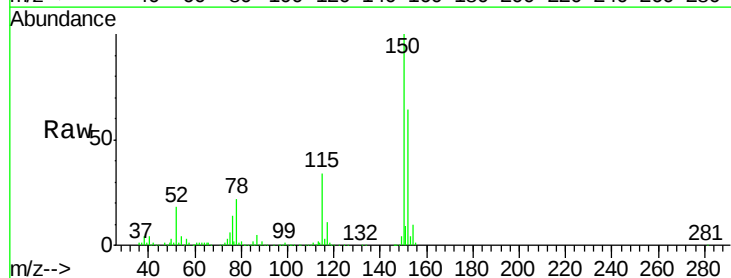


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

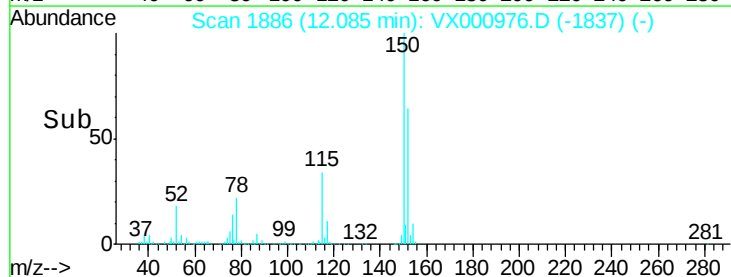
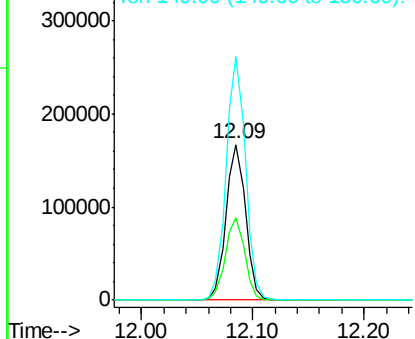


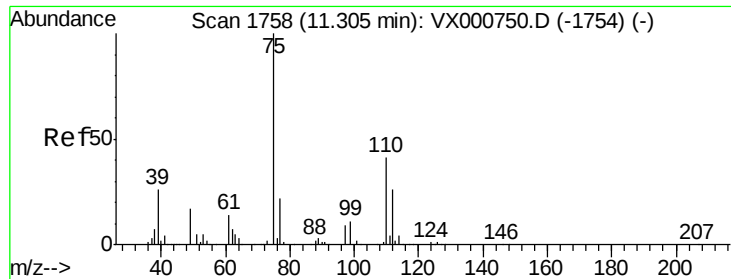
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000976.D
Acq: 17 Apr 2018 20:15

Tgt Ion:152 Resp: 202206
Ion Ratio Lower Upper
152 100
115 53.3 37.9 113.7
150 155.5 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





#76

1,2,3-Trichloropropane

Concen: 26.325 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX000976.D

Acq: 17 Apr 2018 20:15

Instrument :

MSVOA_X

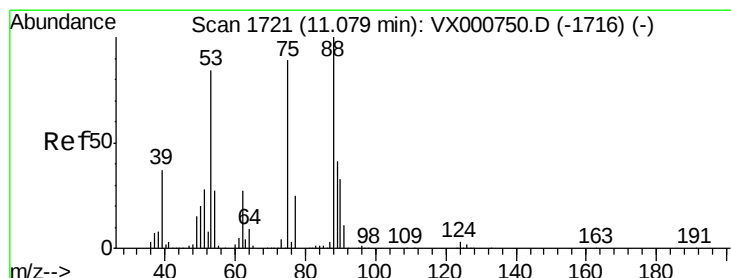
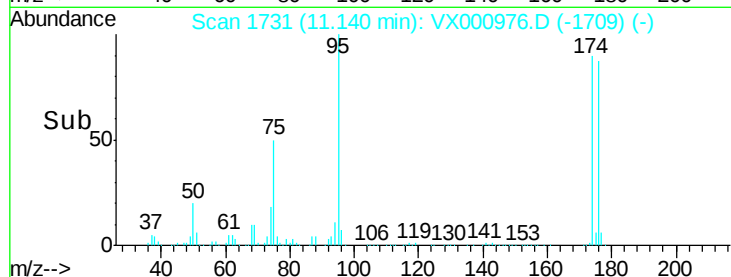
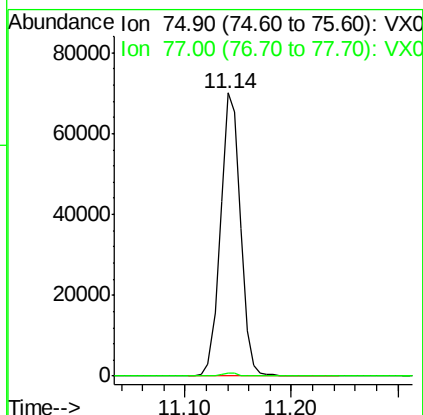
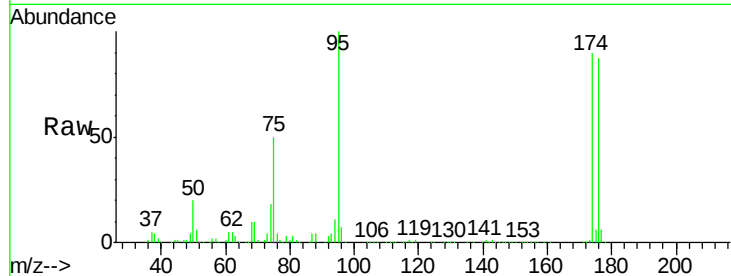
ClientSampleId :

Tot Ion: 75 Resp: 91803

Ion Ratio Lower Upper

75 100

77 1.0 20.5 61.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.415 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX000976.D

Acq: 17 Apr 2018 20:15

Tgt Ion: 75 Resp: 91803

Ion Ratio Lower Upper

75 100

53 0.0 75.4 113.0#

89 0.0 40.9 61.3#

