

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082018\
 Data File : VX004147.D
 Acq On : 20 Aug 2018 12:43
 Operator : JC/MD
 Sample : J4541-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampled :
 Z2TB01-180815

Quant Time: Aug 21 01:01:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	275199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	423616	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	406978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	218817	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	214211	55.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.50%	
35) Dibromofluoromethane	5.50	113	175936	55.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.98%	
50) Toluene-d8	8.72	98	648144	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	11.14	95	215140	46.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.30%	

Target Compounds

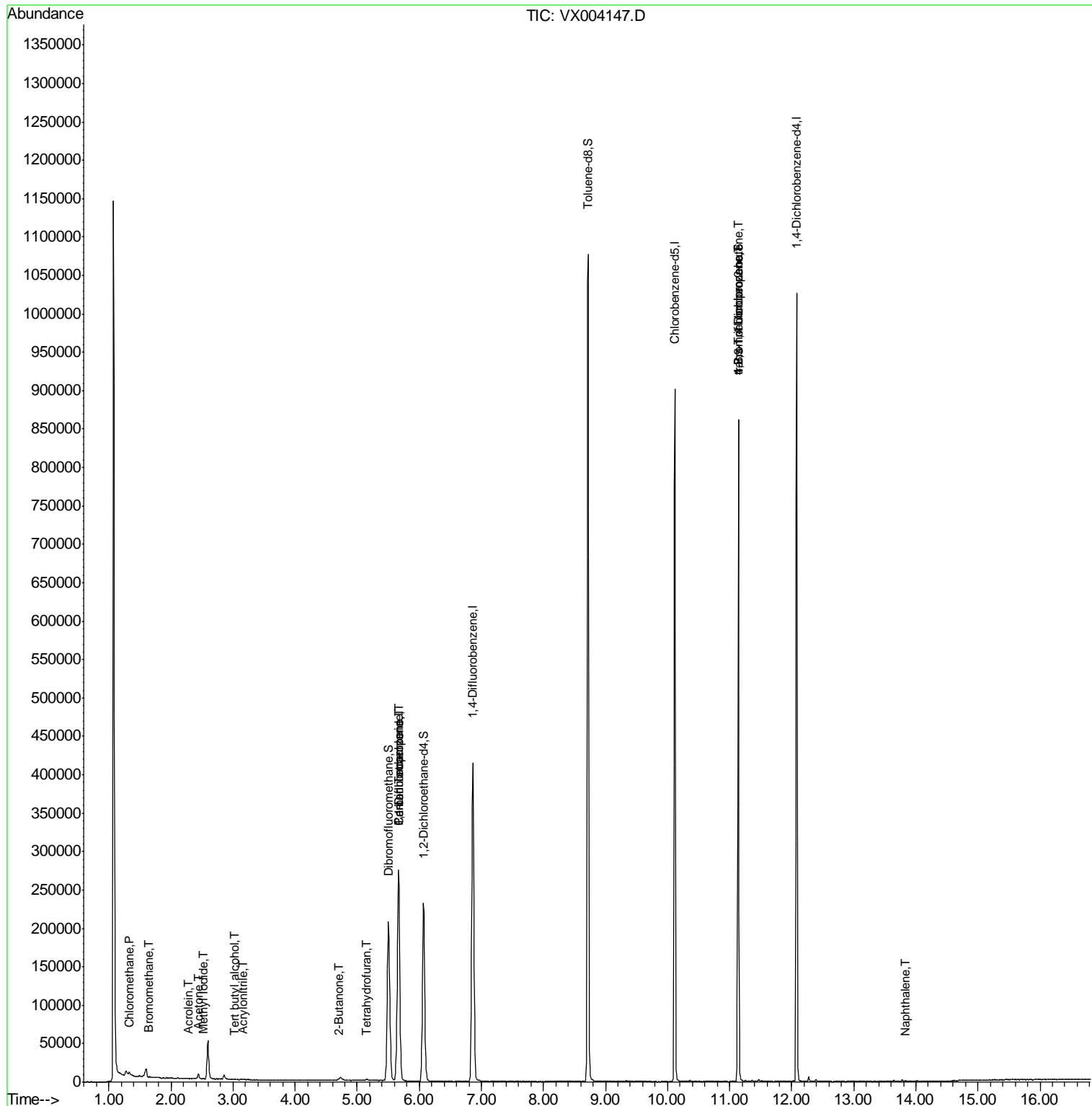
						Qvalue
3) Chloromethane	1.32	50	2913	0.89	ug/l	96
5) Bromomethane	1.65	94	994	0.37	ug/l	97
6) Chloroethane	1.72	64	337	Below	Cal #	42
10) Methyl Iodide	2.53	142	919	5.26	ug/l #	84
11) Tert butyl alcohol	3.02	59	359	0.46	ug/l #	73
13) Acrolein	2.29	56	311	11.51	ug/l	87
15) Acrylonitrile	3.15	53	658	0.34	ug/l #	85
16) Acetone	2.44	43	6308	3.13	ug/l	95
25) 2-Butanone	4.69	43	804	0.25	ug/l #	87
29) Tetrahydrofuran	5.15	42	1301	0.78	ug/l #	77
36) 1,1-Dichloropropene	5.67	75	18901	3.92	ug/l #	49
38) Carbon Tetrachloride	5.66	117	23843	5.09	ug/l #	15
76) 1,2,3-Trichloropropane	11.14	75	106439	24.26	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	106439	75.08	ug/l #	9
95) Naphthalene	13.83	128	1089	1.21	ug/l #	94

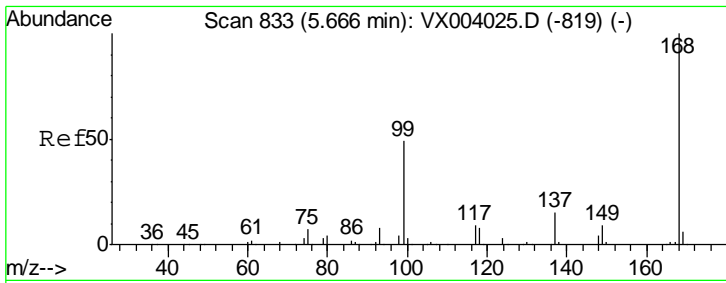
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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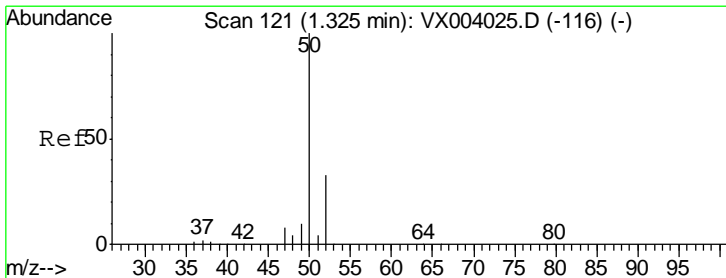
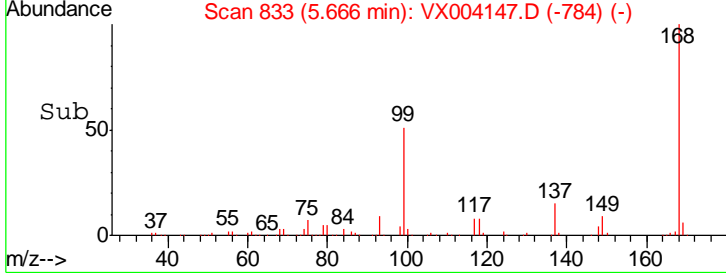
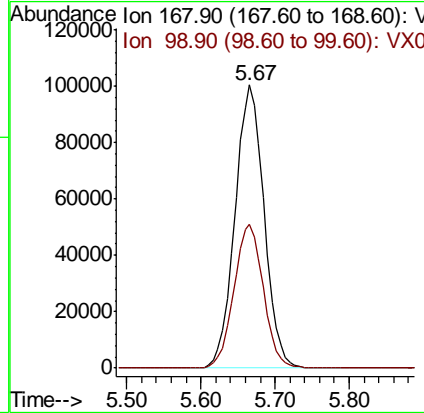
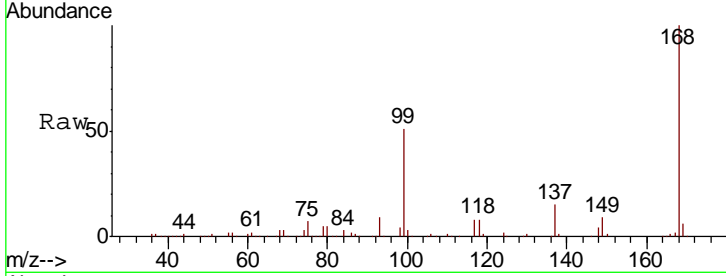




#1
 Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: VX004147.D
 Acq: 20 Aug 2018 12:43

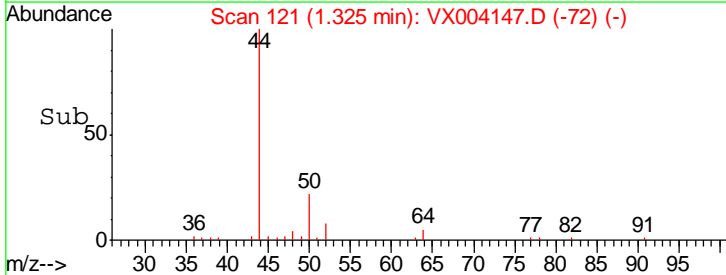
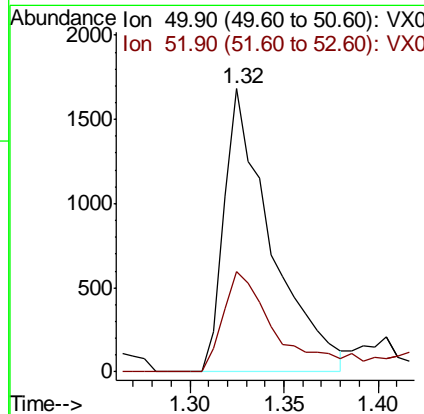
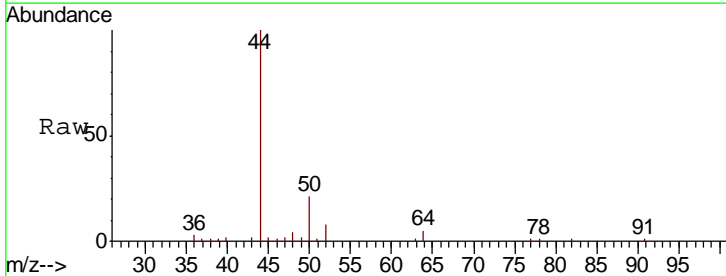
Instrument :
 MSVOA_X
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 Z2TB01-180815

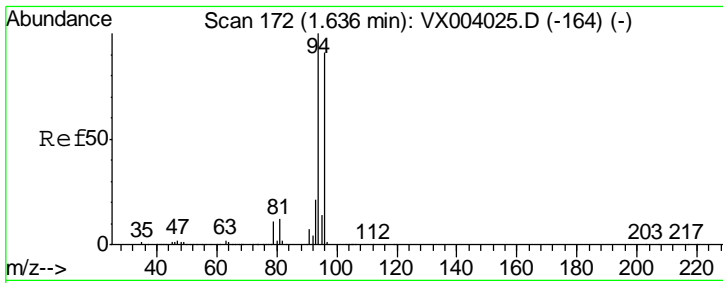
Tgt Ion: 168 Resp: 275199
 Ion Ratio Lower Upper
 168 100
 99 51.0 40.1 60.1



#3
 Chloromethane
 Concen: 0.89 ug/l
 RT: 1.32 min Scan# 121
 Delta R.T. -0.00 min
 Lab File: VX004147.D
 Acq: 20 Aug 2018 12:43

Tgt Ion: 50 Resp: 2913
 Ion Ratio Lower Upper
 50 100
 52 35.6 26.6 39.8

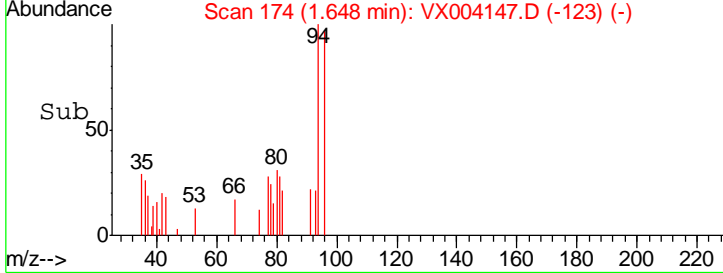
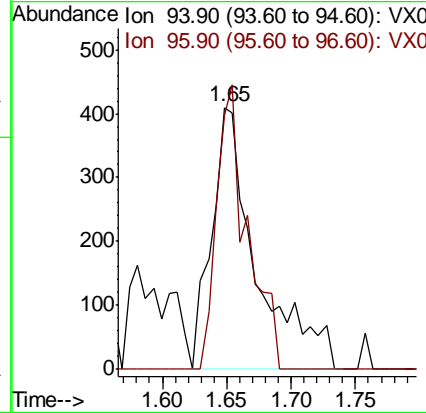
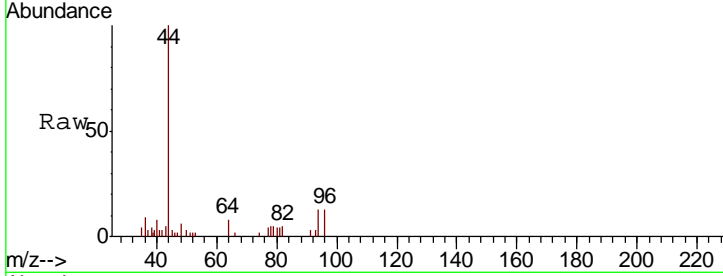




#5
 Bromomethane
 Concen: 0.37 ug/l
 RT: 1.65 min Scan# 174
 Delta R.T. 0.01 min
 Lab File: VX004147.D
 Acq: 20 Aug 2018 12:43

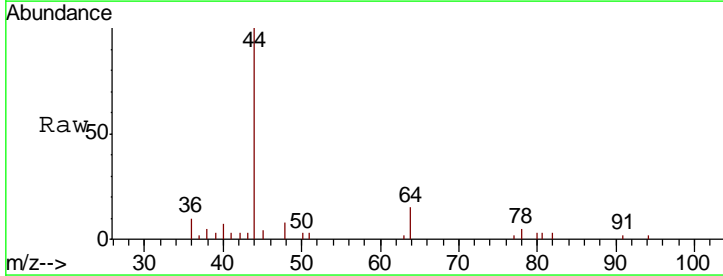
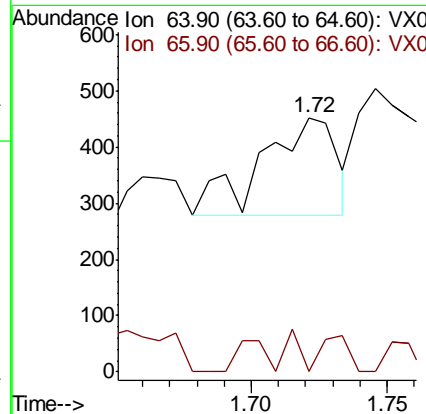
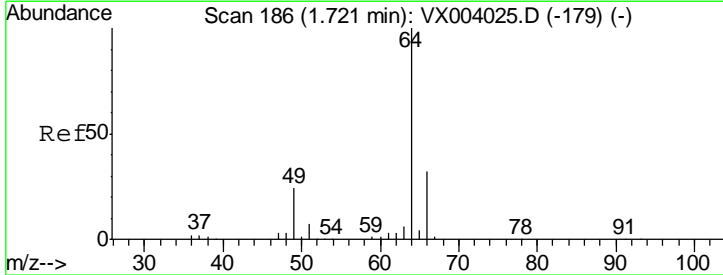
Instrument :
 MSVOA_X
ClientSampled :
 Z2TB01-180815

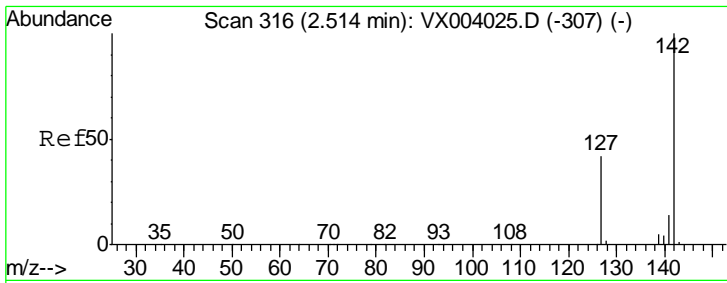
Tgt Ion: 94 Resp: 994
 Ion Ratio Lower Upper
 94 100
 96 97.1 75.2 112.8



#6
 Chloroethane
 Concen: Below Cal
 RT: 1.72 min Scan# 186
 Delta R.T. 0.00 min
 Lab File: VX004147.D
 Acq: 20 Aug 2018 12:43

Tgt Ion: 64 Resp: 337
 Ion Ratio Lower Upper
 64 100
 66 0.0 26.5 39.7#

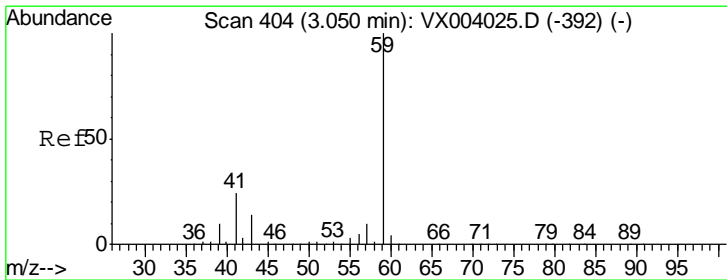
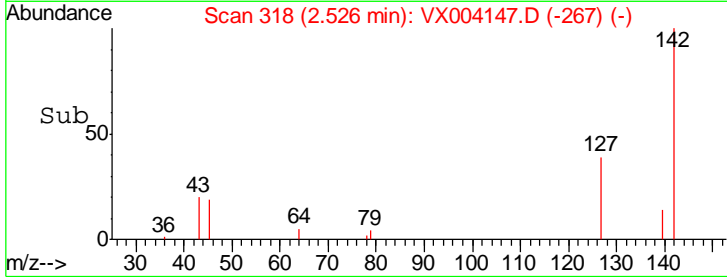
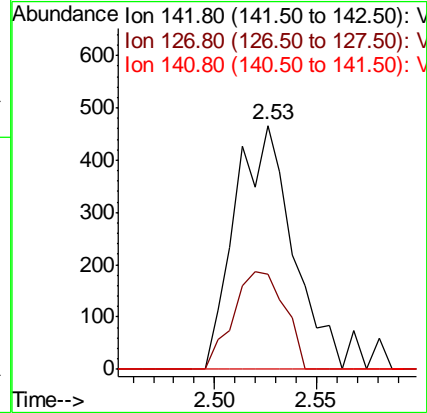
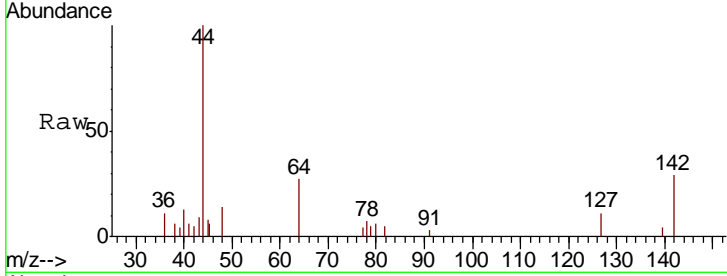




#10
Methyl Iodide
Concen: 5.26 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX004147.D
Acq: 20 Aug 2018 12:43

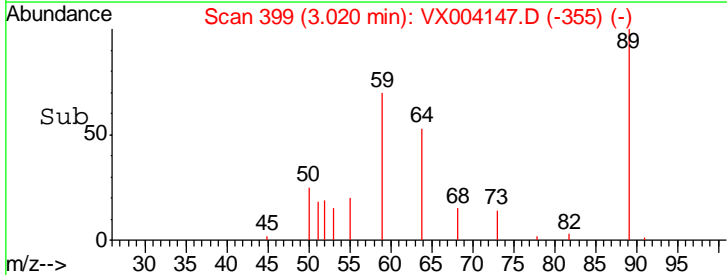
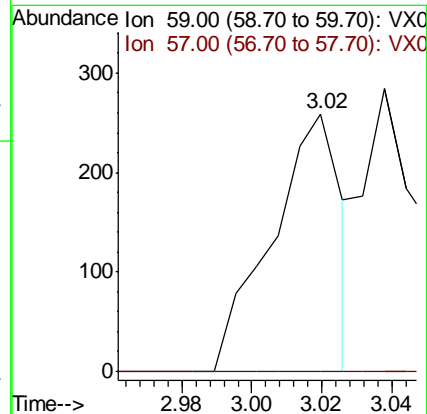
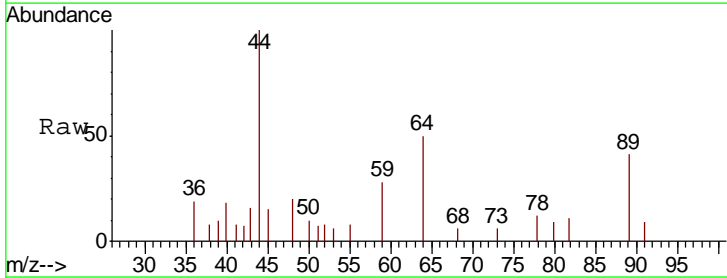
Instrument :
MSVOA_X
ClientSampled :
Z2TB01-180815

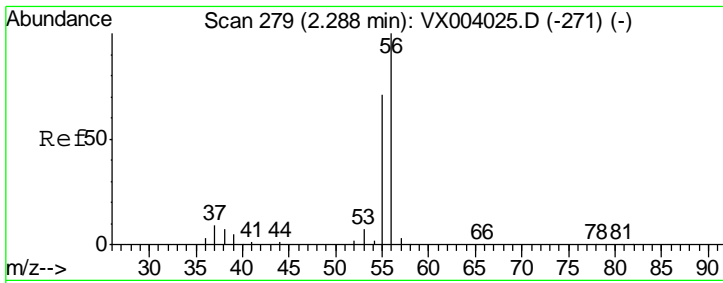
Tgt Ion	Resp	Lower	Upper
142	100		
127	35.6	33.1	49.7
141	0.0	11.1	16.7#



#11
Tert butyl alcohol
Concen: 0.46 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.03 min
Lab File: VX004147.D
Acq: 20 Aug 2018 12:43

Tgt Ion	Resp	Lower	Upper
59	100		
57	0.0	8.1	12.1#

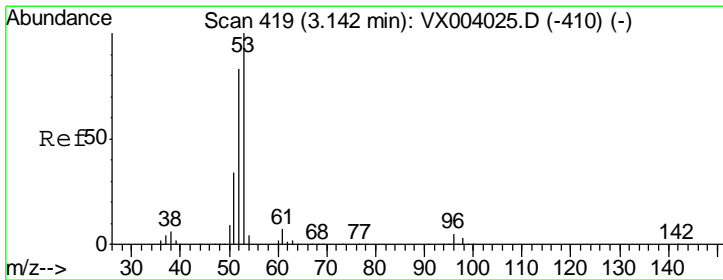
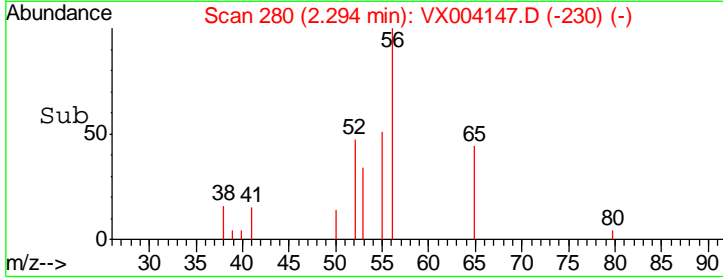
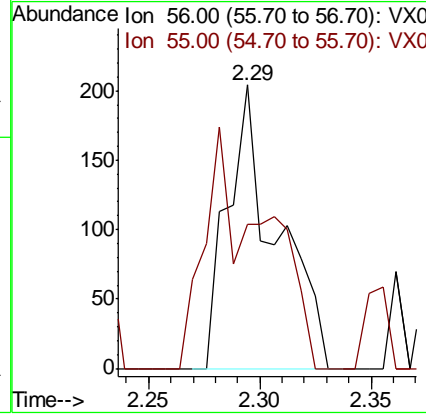
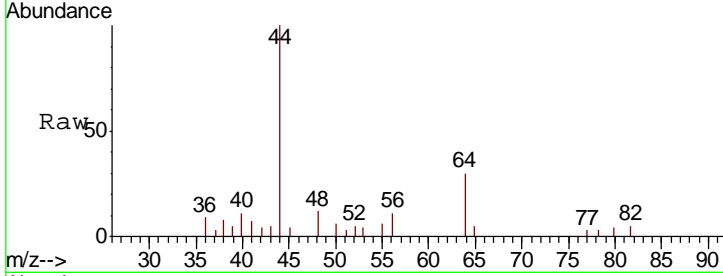




#13
 Acrolein
 Concen: 11.51 ug/l
 RT: 2.29 min Scan# 280
 Delta R.T. 0.01 min
 Lab File: VX004147.D
 Acq: 20 Aug 2018 12:43

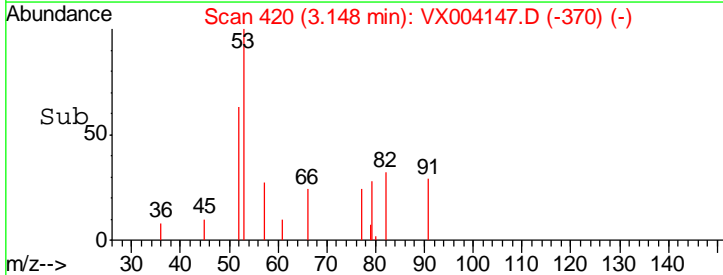
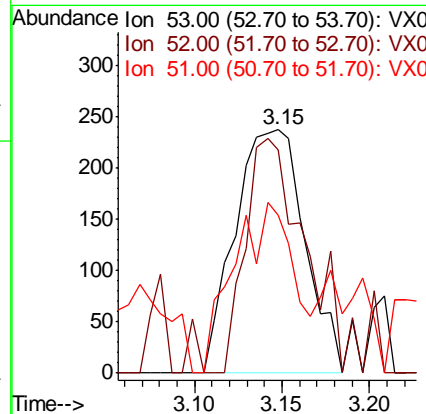
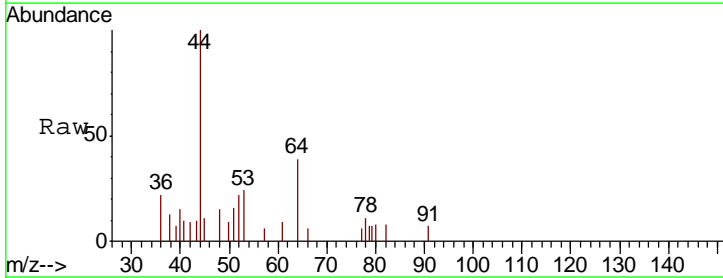
Instrument :
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 ClientSampleId :
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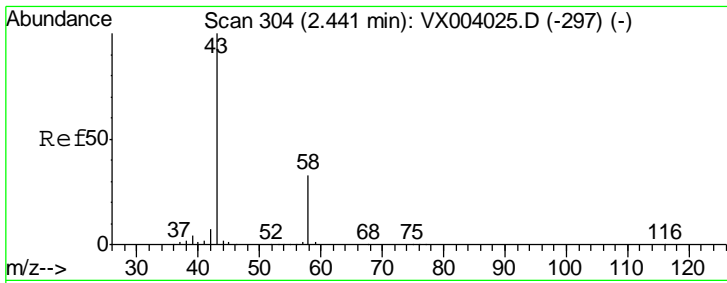
Tgt Ion	Resp	Lower	Upper
56	311		
55	100	56.1	84.1
55	59.5		



#15
 Acrylonitrile
 Concen: 0.34 ug/l
 RT: 3.15 min Scan# 420
 Delta R.T. 0.01 min
 Lab File: VX004147.D
 Acq: 20 Aug 2018 12:43

Tgt Ion	Resp	Lower	Upper
53	658		
52	100	65.3	97.9
51	84.0	27.9	41.9#
51	60.8		

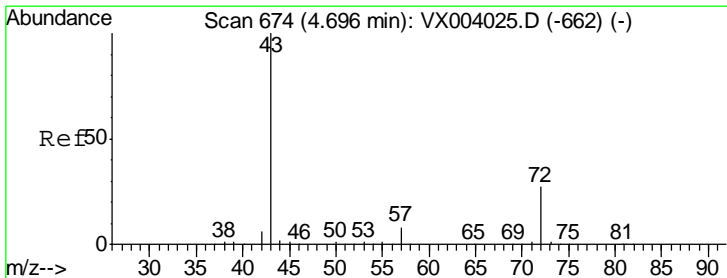
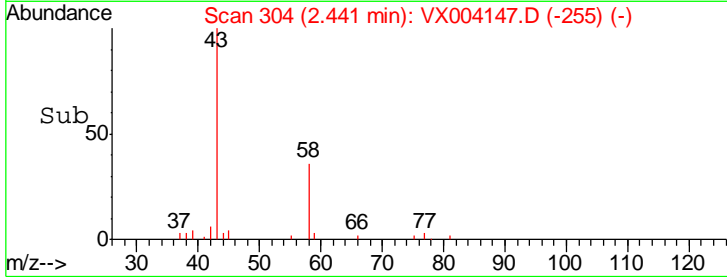
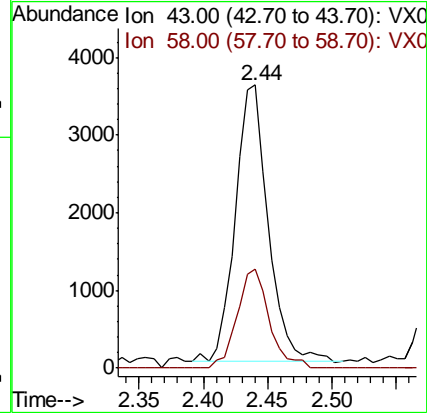
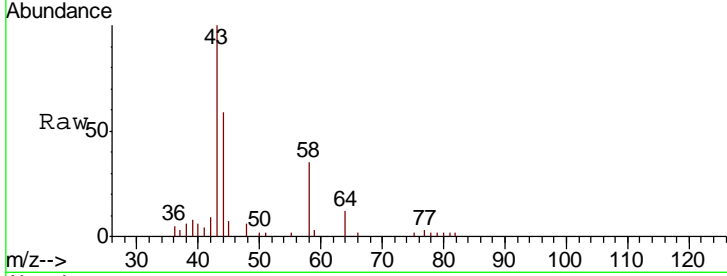




#16
 Acetone
 Concen: 3.13 ug/l
 RT: 2.44 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VX004147.D
 Acq: 20 Aug 2018 12:43

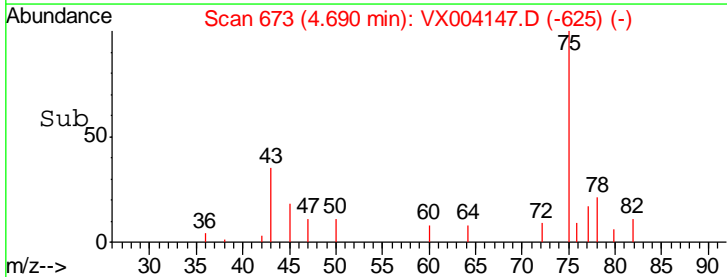
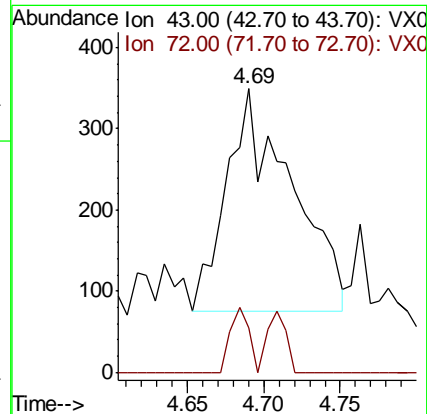
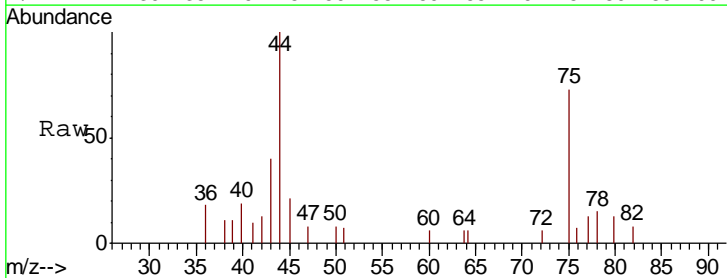
Instrument :
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 ClientSampled :
 Z2TB01-180815

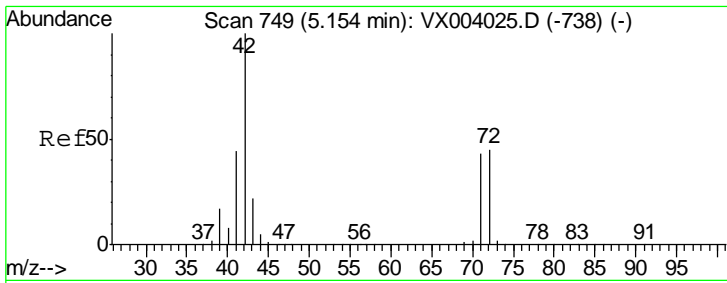
Tgt Ion	Resp	Lower	Upper
43	100		
58	35.7	26.4	39.6



#25
 2-Butanone
 Concen: 0.25 ug/l
 RT: 4.69 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: VX004147.D
 Acq: 20 Aug 2018 12:43

Tgt Ion	Resp	Lower	Upper
43	100		
72	20.1	21.4	32.0#

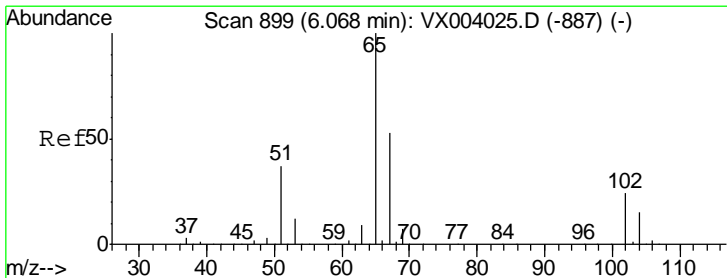
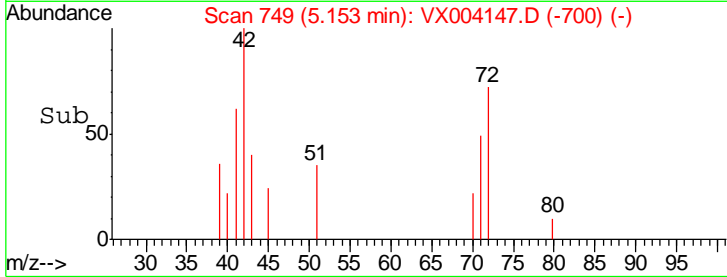
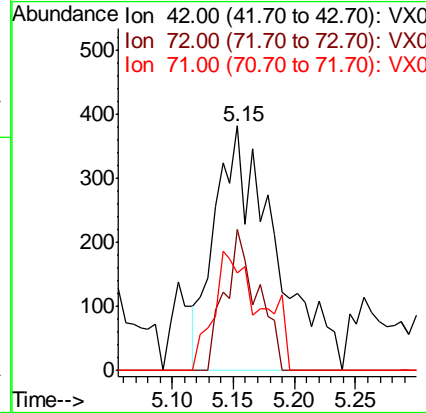
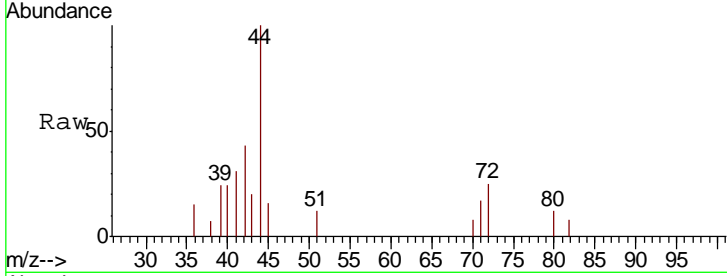




#29
 Tetrahydrofuran
 Concen: 0.78 ug/l
 RT: 5.15 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: VX004147.D
 Acq: 20 Aug 2018 12:43

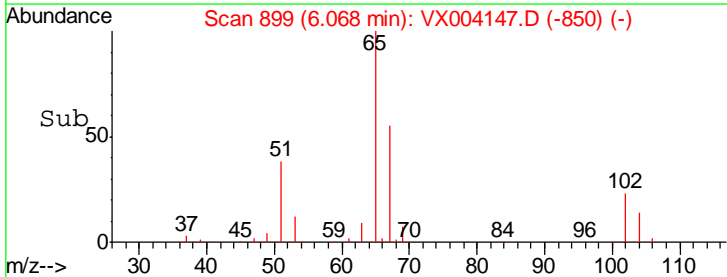
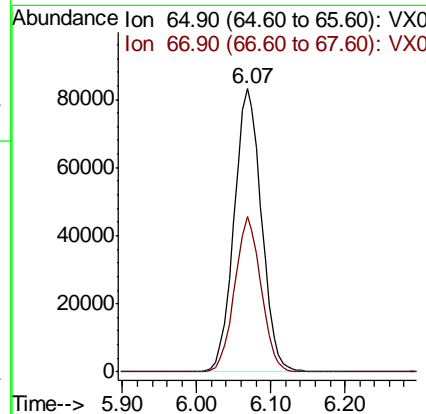
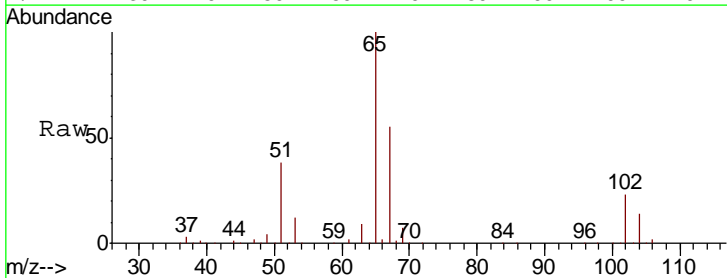
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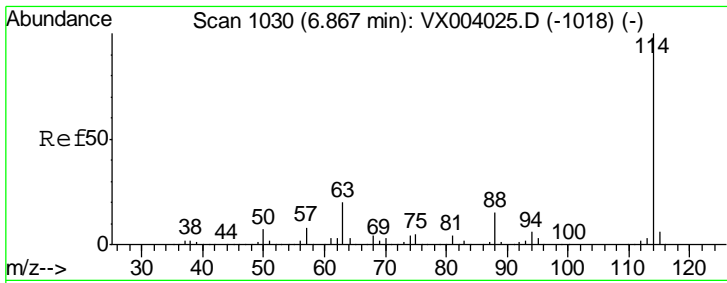
Tgt Ion	Resp	Lower	Upper
42	1301		
72	31.4	37.7	56.5#
71	29.7	35.0	52.6#



#33
 1,2-Dichloroethane-d4
 Concen: 55.25 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004147.D
 Acq: 20 Aug 2018 12:43

Tgt Ion	Resp	Lower	Upper
65	214211		
67	53.0	0.0	105.8

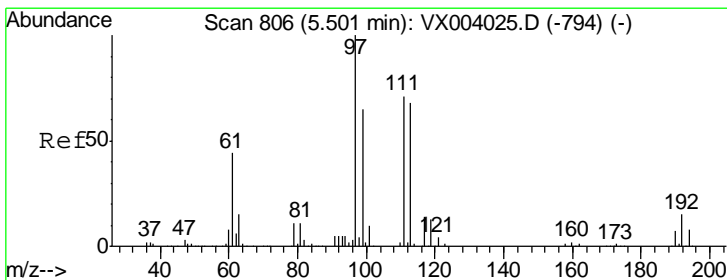
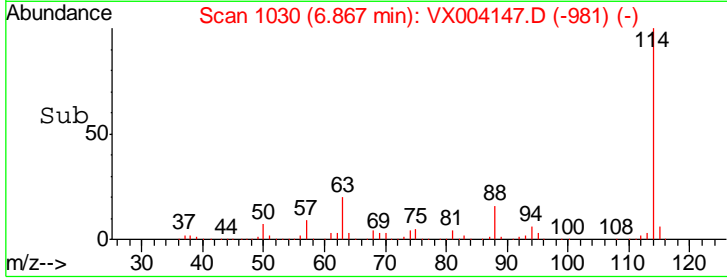
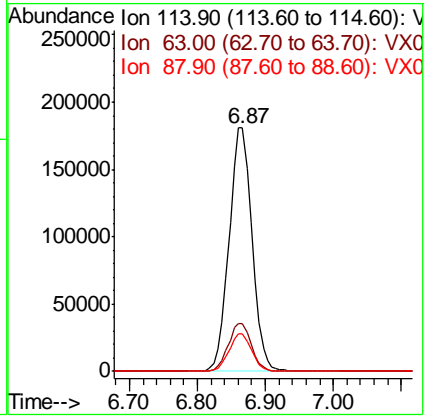
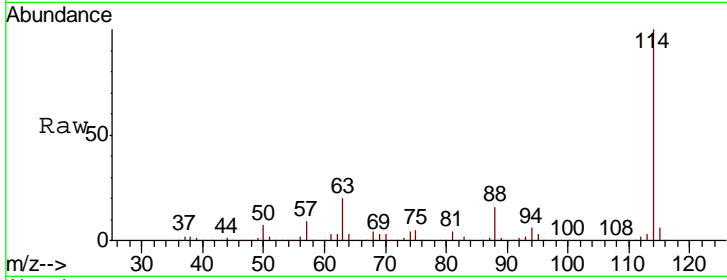




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004147.D
 Acq: 20 Aug 2018 12:43

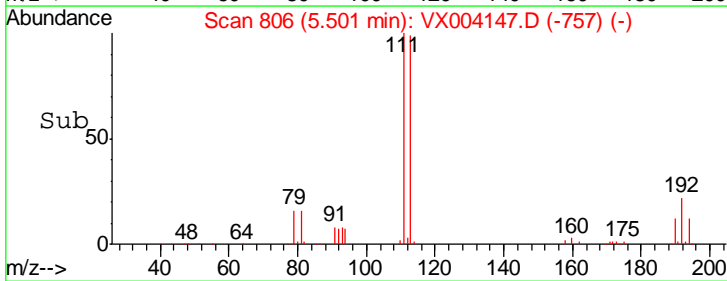
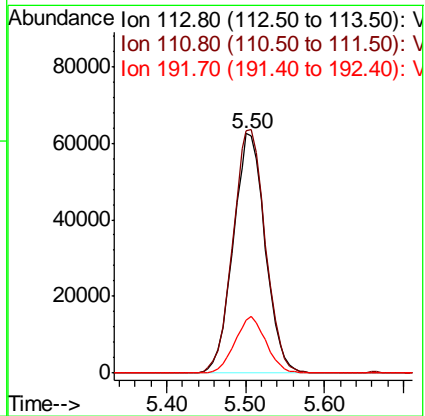
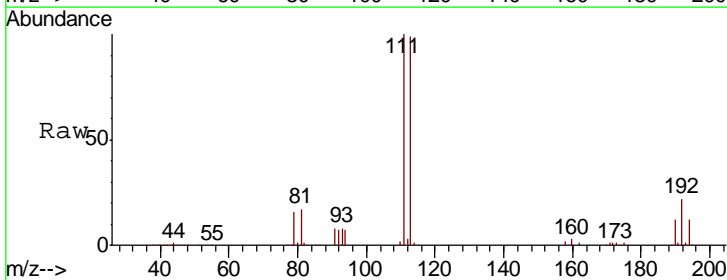
Instrument :
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 Z2TB01-180815

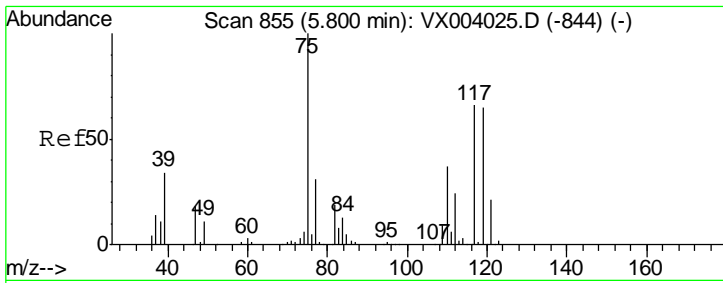
Tgt Ion	Resp	Lower	Upper
114	423616		
63	19.9	0.0	39.0
88	15.6	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 55.49 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004147.D
 Acq: 20 Aug 2018 12:43

Tgt Ion	Resp	Lower	Upper
113	175936		
111	103.2	82.0	123.0
192	23.0	19.0	28.4

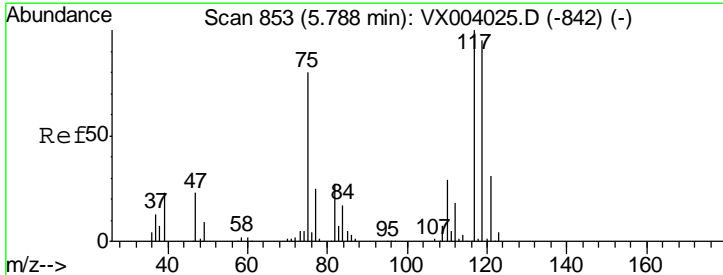
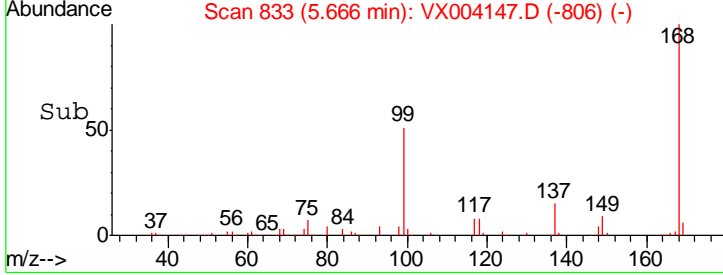
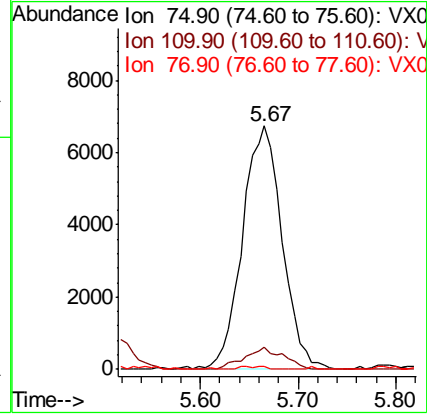
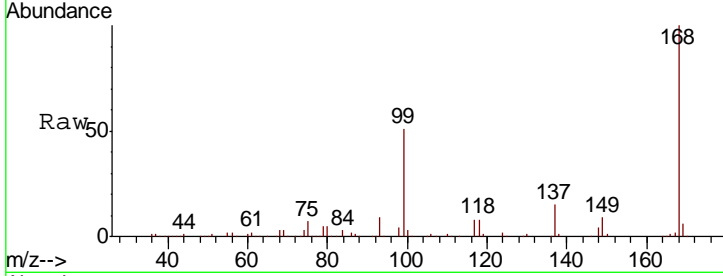




#36
 1,1-Dichloropropene
 Concen: 3.92 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX004147.D
 Acq: 20 Aug 2018 12:43

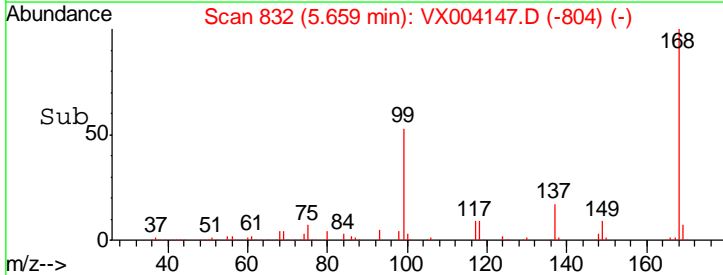
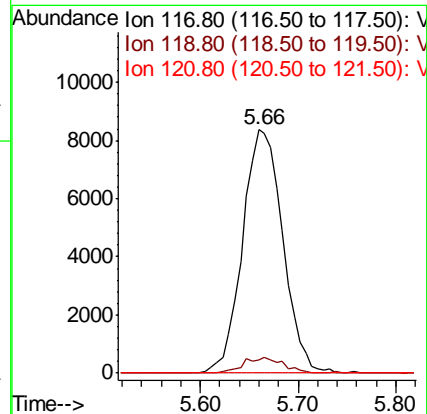
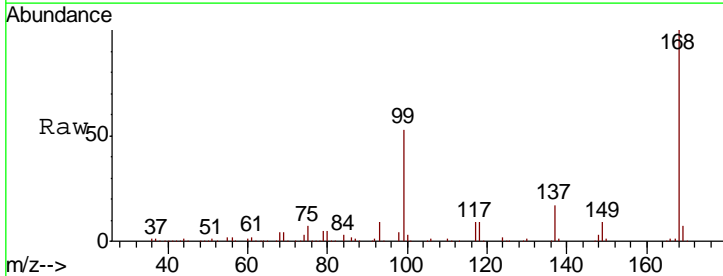
Instrument :
 MSVOA_X
 ClientSampled :
 Z2TB01-180815

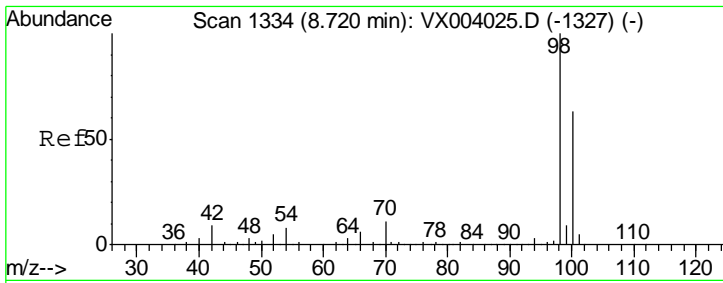
Tgt Ion	Resp	Lower	Upper
75	18901		
110	9.1	18.2	54.6#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.09 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.13 min
 Lab File: VX004147.D
 Acq: 20 Aug 2018 12:43

Tgt Ion	Resp	Lower	Upper
117	23843		
119	5.2	79.5	119.3#
121	0.0	25.0	37.4#

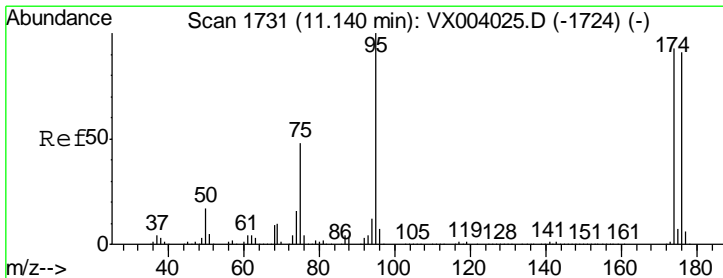
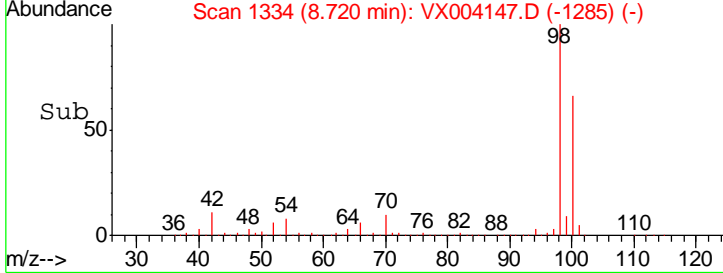
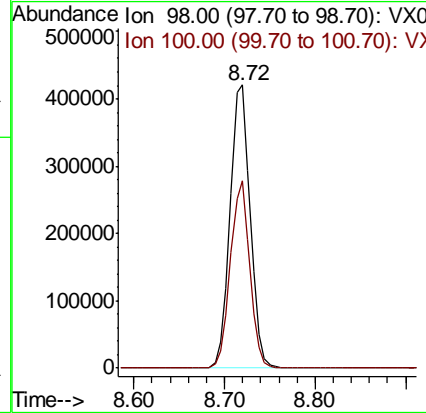
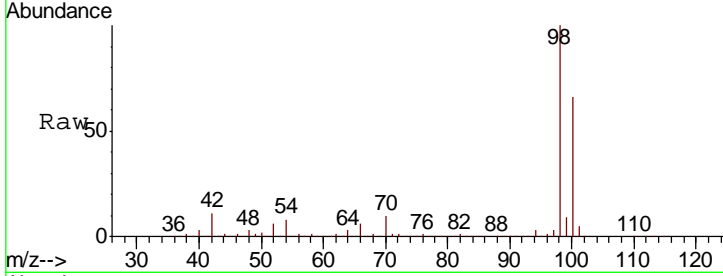




#50
 Toluene-d8
 Concen: 50.42 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX004147.D
 Acq: 20 Aug 2018 12:43

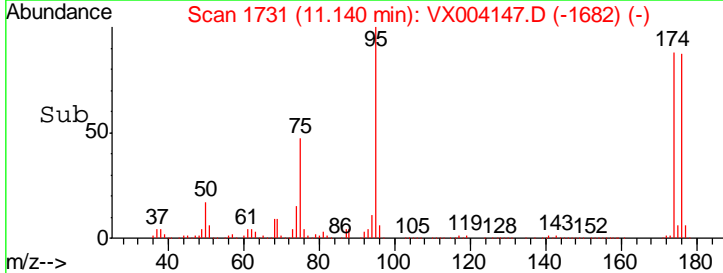
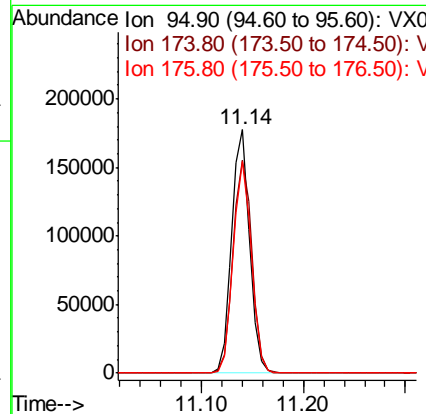
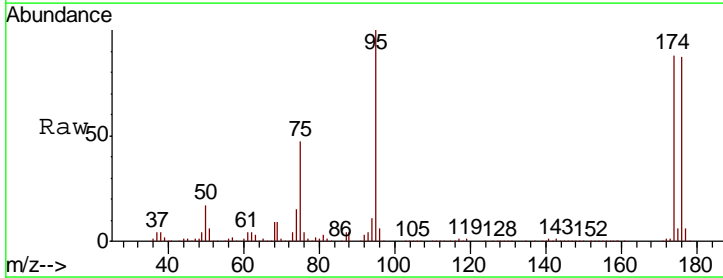
Instrument :
 MSVOA_X
 ClientSampleID :
 Z2TB01-180815

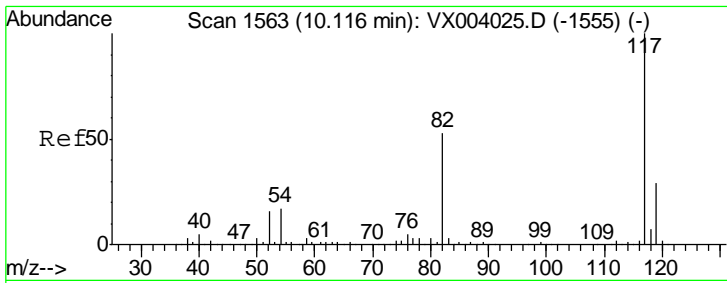
Tgt Ion: 98 Resp: 648144
 Ion Ratio Lower Upper
 98 100
 100 63.9 53.3 79.9



#62
 4-Bromofluorobenzene
 Concen: 46.15 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX004147.D
 Acq: 20 Aug 2018 12:43

Tgt Ion: 95 Resp: 215140
 Ion Ratio Lower Upper
 95 100
 174 91.9 0.0 182.8
 176 88.0 0.0 179.0

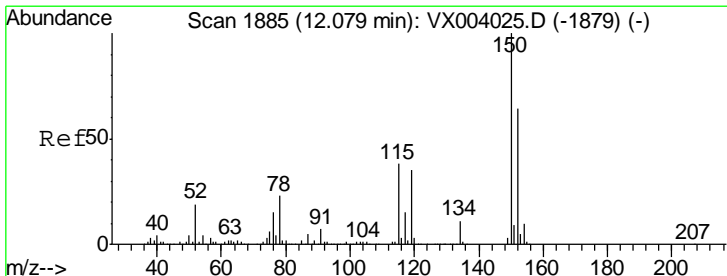
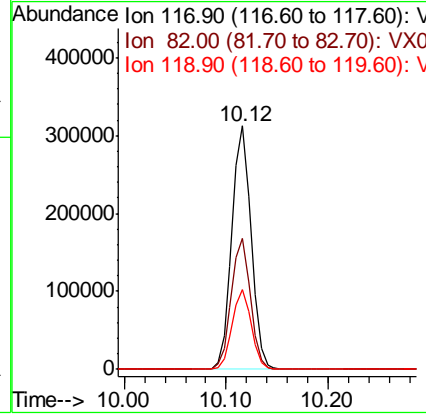
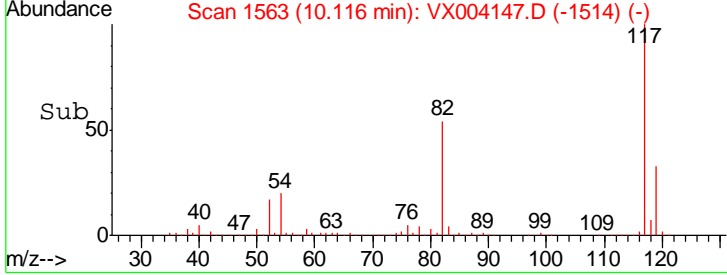
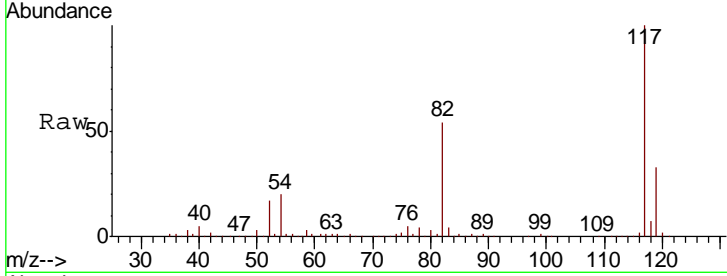




#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VX004147.D
 Acq: 20 Aug 2018 12:43

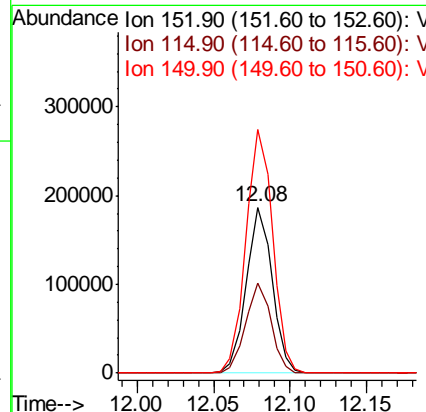
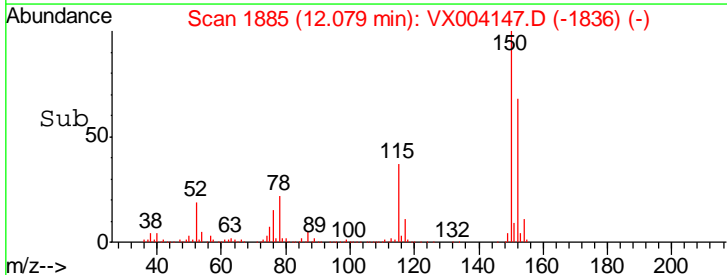
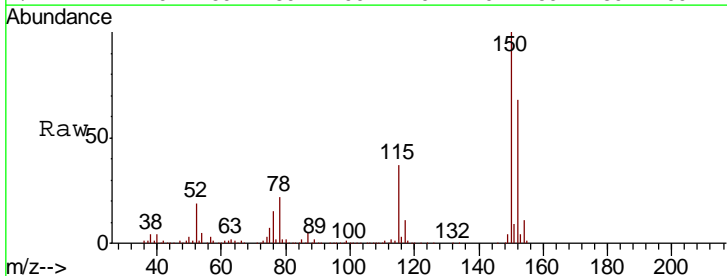
Instrument : MSVOA_X
 ClientSampled : Z2TB01-180815

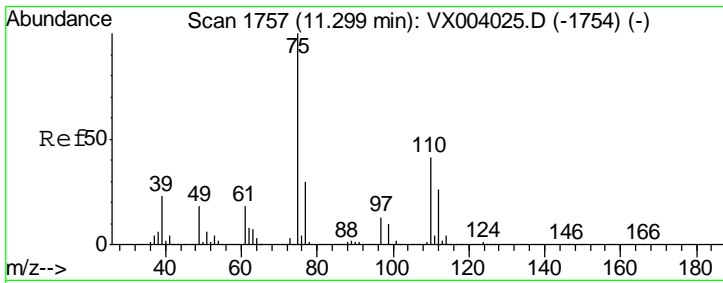
Tgt Ion	Resp	Lower	Upper
117	406978		
82	54.0	45.4	68.0
119	32.5	26.6	40.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX004147.D
 Acq: 20 Aug 2018 12:43

Tgt Ion	Resp	Lower	Upper
152	218817		
152	100		
115	53.9	39.1	117.3
150	152.4	0.0	349.2

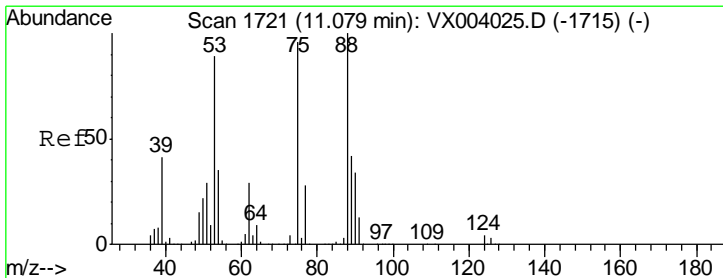
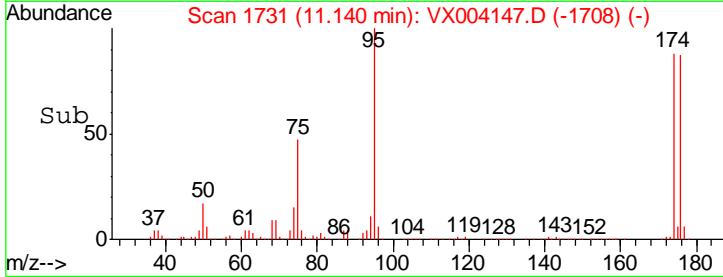
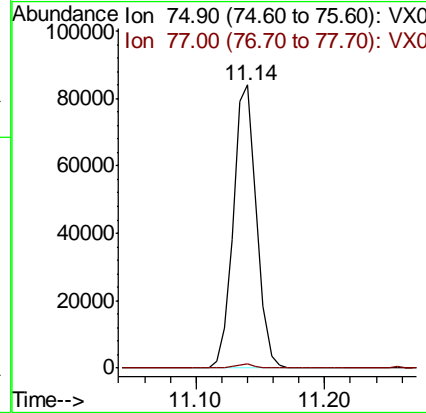
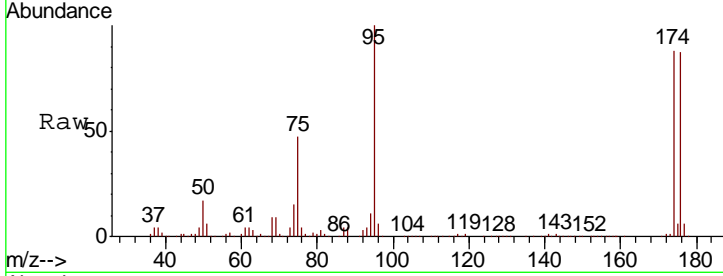




#76
 1,2,3-Trichloropropane
 Concen: 24.26 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX004147.D
 Acq: 20 Aug 2018 12:43

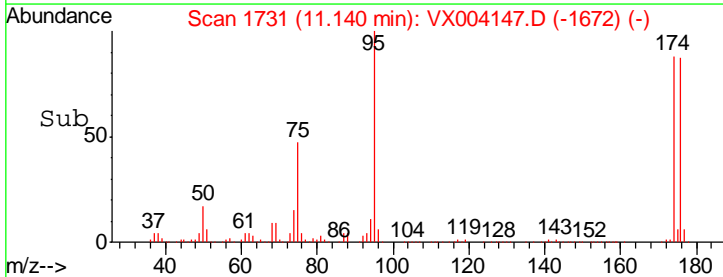
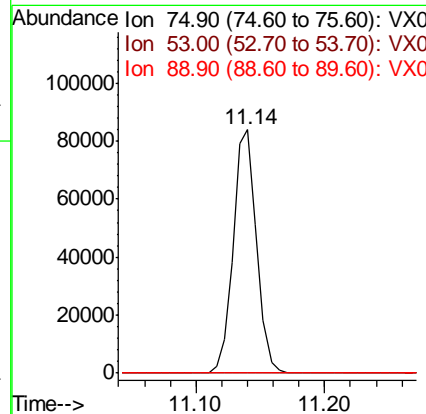
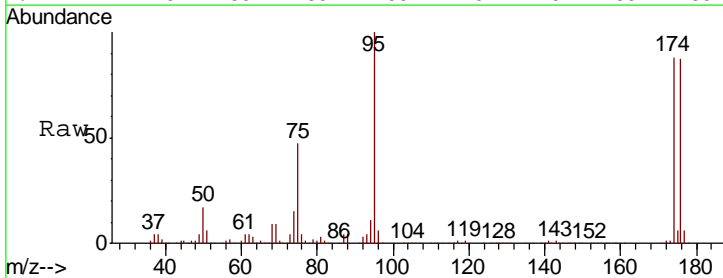
Instrument :
 MSVOA_X
 ClientSampleID :
 Z2TB01-180815

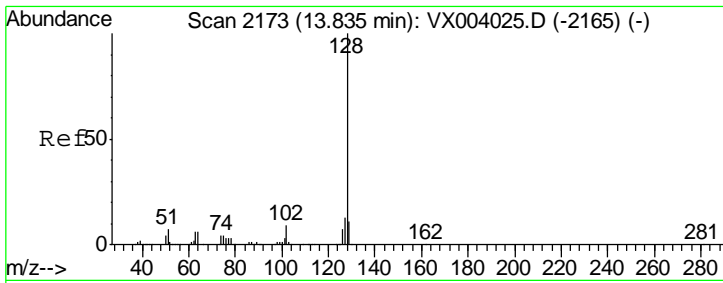
Tgt Ion: 75 Resp: 106439
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.8 62.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.08 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX004147.D
 Acq: 20 Aug 2018 12:43

Tgt Ion: 75 Resp: 106439
 Ion Ratio Lower Upper
 75 100
 53 0.2 80.3 120.5#
 89 0.0 37.8 56.8#





#95
 Naphthalene
 Concen: 1.21 ug/l
 RT: 13.83 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: VX004147.D
 Acq: 20 Aug 2018 12:43

Instrument : MSVOA_X
 ClientSampled : Z2TB01-180815

Tot Ion	128	Resp	1089
Ion	Ratio	Lower	Upper
128	100		
127	10.9	10.2	15.2
129	7.7	8.8	13.2#

