

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX100418\
 Data File : VX005057.D
 Acq On : 05 Oct 2018 09:24
 Operator : JC/MD
 Sample : J5207-22
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 95 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW512-1115

Quant Time: Oct 05 11:45:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

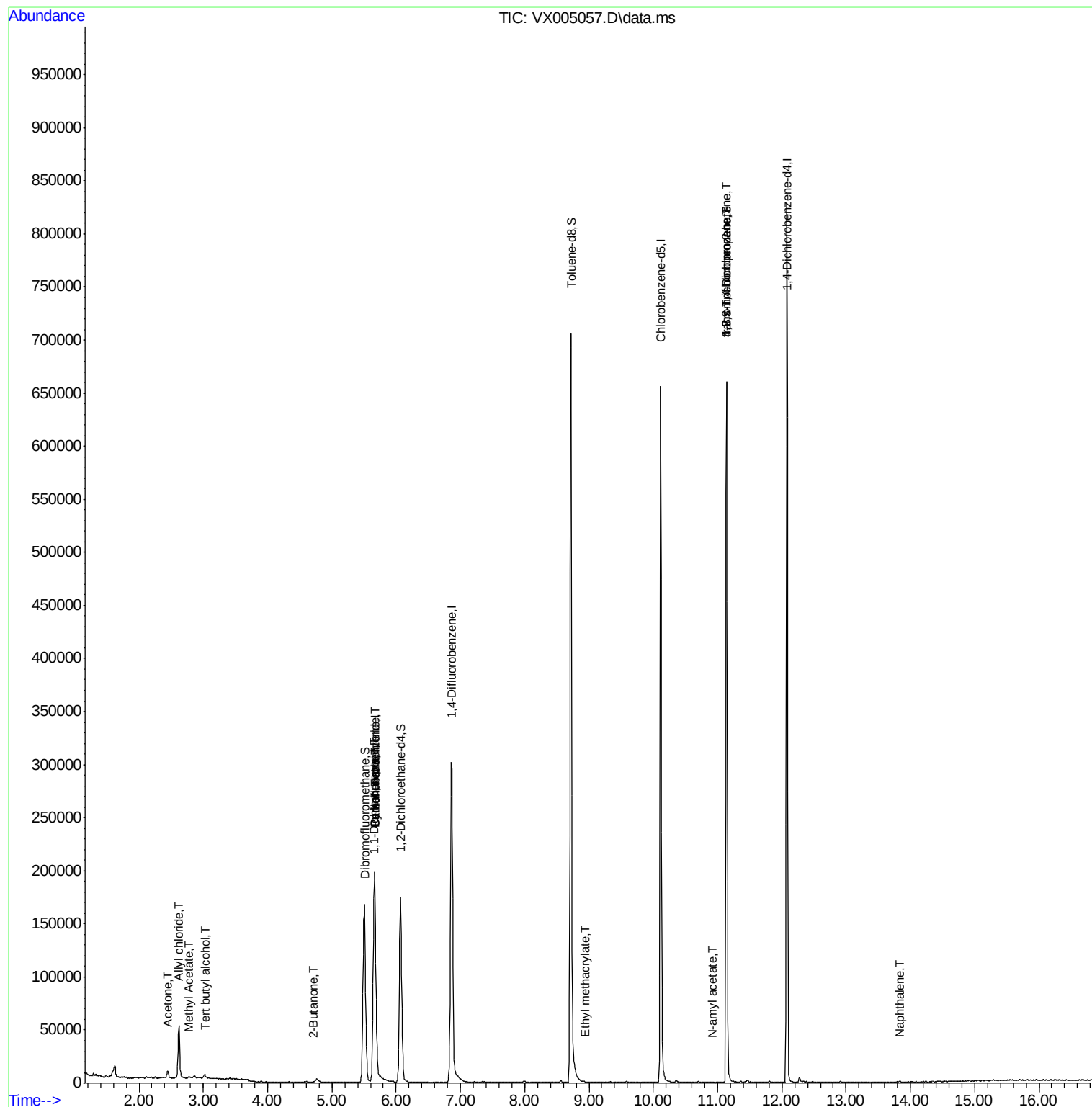
Internal Standards						
1) Pentafluorobenzene	5.665	168	208282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.860	114	319877	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.116	117	318655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.079	152	170903	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.068	65	163608	54.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.98%	
35) Dibromofluoromethane	5.513	113	138001	50.90	ug/l	0.01
Spiked Amount 50.000			Recovery	=	101.80%	
50) Toluene-d8	8.720	98	469247	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
62) 4-Bromofluorobenzene	11.140	95	166545	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.58%	
Target Compounds						Qvalue
6) Chloroethane	1.727	64	148	Below Cal	#	12
11) Tert butyl alcohol	3.026	59	2386	2.87 ug/l	#	81
14) Allyl chloride	2.617	41	5346	1.09 ug/l	#	65
16) Acetone	2.446	43	6930	3.99 ug/l	#	89
18) Methyl Acetate	2.776	43	1417	0.32 ug/l		99
20) Methylene Chloride	2.861	84	743	Below Cal		96
25) 2-Butanone	4.708	43	650	0.25 ug/l	#	49
31) Cyclohexane	5.665	56	4065	1.07 ug/l	#	1
36) 1,1-Dichloropropene	5.653	75	14441	3.90 ug/l	#	45
38) Carbon Tetrachloride	5.665	117	18701	4.81 ug/l	#	19
56) Ethyl methacrylate	8.939	69	21	2.87 ug/l	#	1
74) N-amyl acetate	10.914	43	105	1.76 ug/l	#	71
76) 1,2,3-Trichloropropane	11.140	75	83265	21.74 ug/l	#	35
80) 1,3,5-Trimethylbenzene	11.506	105	232	Below Cal	#	29
81) trans-1,4-Dichloro-2-b...	11.140	75	83265	58.92 ug/l	#	10
84) 1,2,4-Trimethylbenzene	11.805	105	585	Below Cal		96
95) Naphthalene	13.835	128	565	0.76 ug/l	#	73

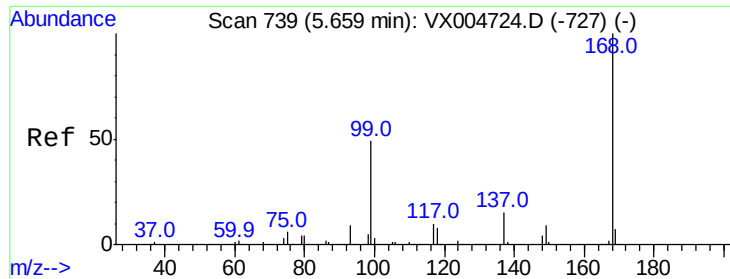
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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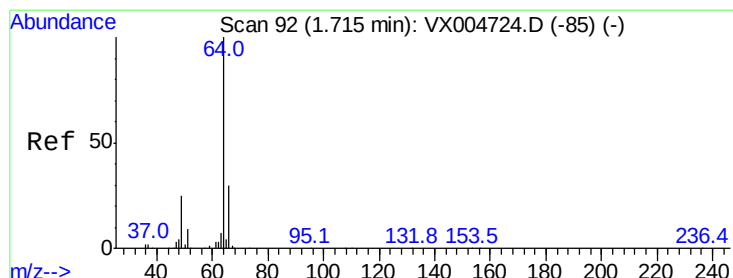
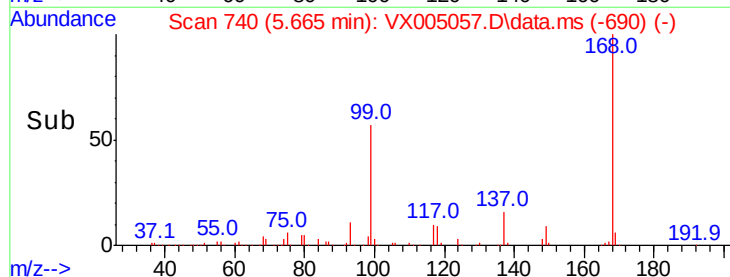
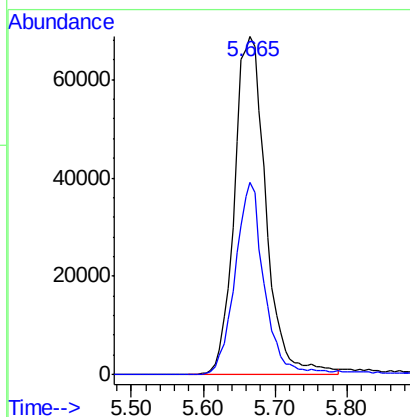
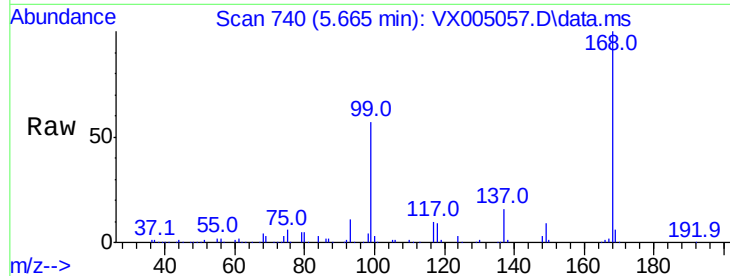




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.665 min Scan# 74
Delta R.T. 0.006 min
Lab File: VX005057.D
Acq: 05 Oct 2018 09:24

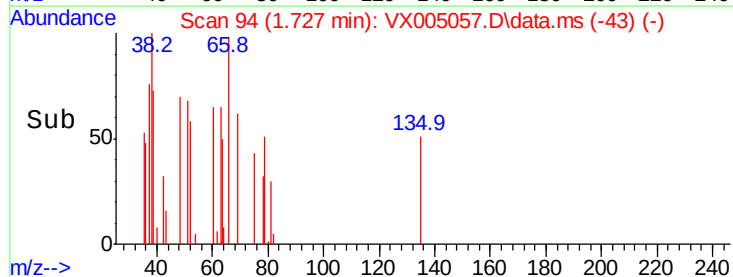
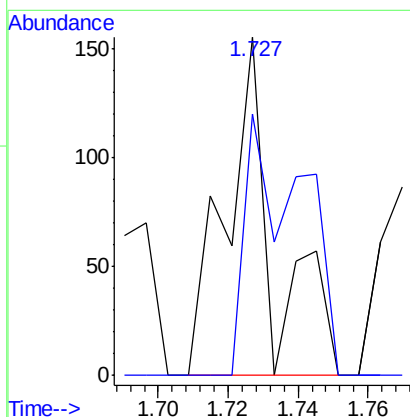
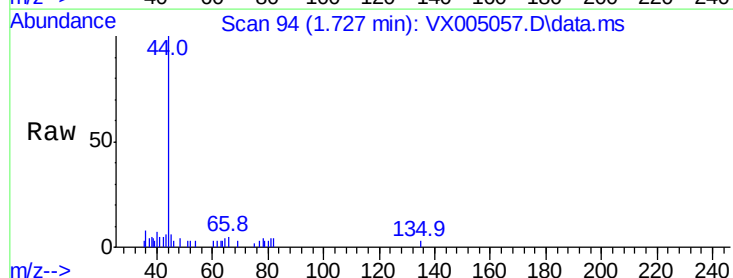
Instrument :
MSVOA_X
ClientSampleId :
SA-TW512-1115

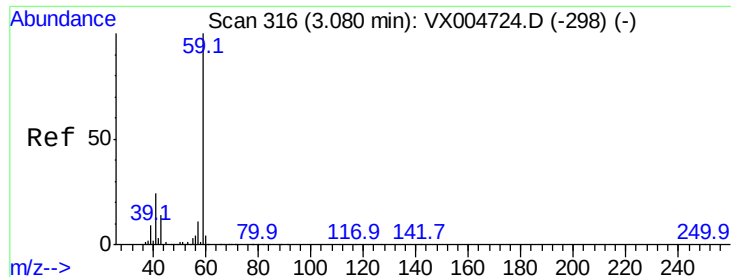
Tot Ion:168 Resp: 208282
Ion Ratio Lower Upper
168 100
99 56.7 39.3 58.9



#6
Chloroethane
Concen: Below Cal
RT: 1.727 min Scan# 94
Delta R.T. 0.012 min
Lab File: VX005057.D
Acq: 05 Oct 2018 09:24

Tgt Ion: 64 Resp: 148
Ion Ratio Lower Upper
64 100
66 77.4 23.8 35.6#





#11

Tert butyl alcohol

Concen: 2.87 ug/l

RT: 3.026 min Scan# 30

Delta R.T. -0.055 min

Lab File: VX005057.D

Acq: 05 Oct 2018 09:24

Instrument :

MSVOA_X

ClientSampleId :

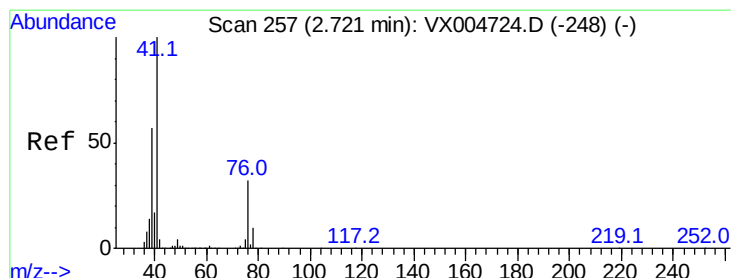
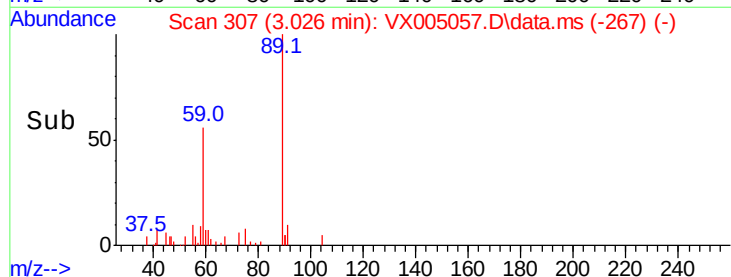
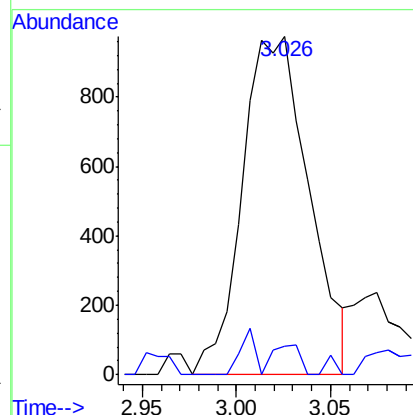
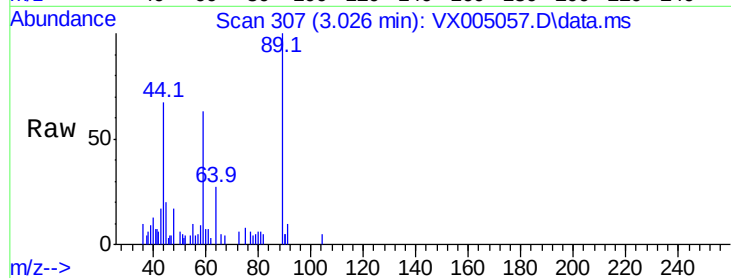
SA-TW512-1115

Tot Ion: 59 Resp: 2386

Ion Ratio Lower Upper

59 100

57 3.6 8.6 12.8#



#14

Allyl chloride

Concen: 1.09 ug/l

RT: 2.617 min Scan# 240

Delta R.T. -0.104 min

Lab File: VX005057.D

Acq: 05 Oct 2018 09:24

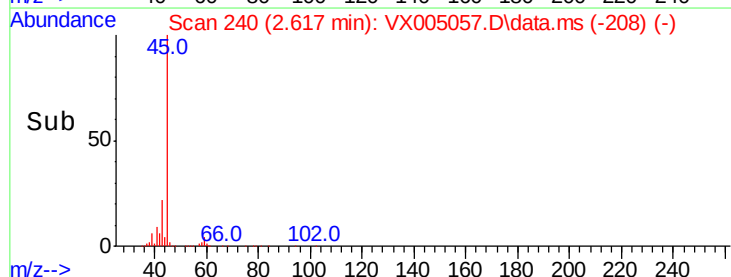
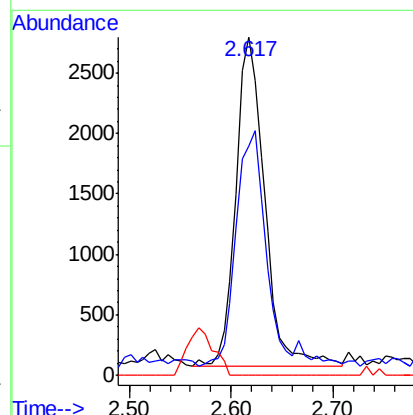
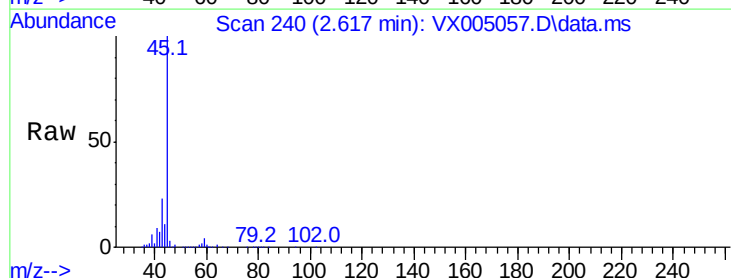
Tgt Ion: 41 Resp: 5346

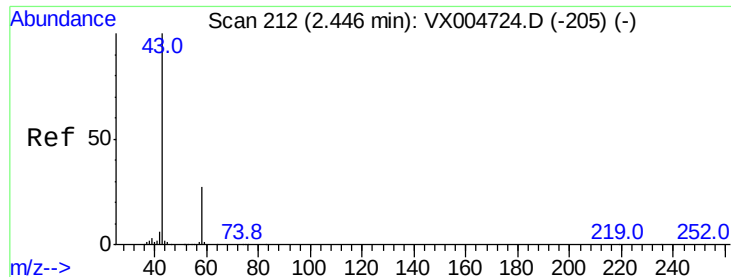
Ion Ratio Lower Upper

41 100

39 71.8 44.1 66.1#

76 0.0 25.0 37.4#

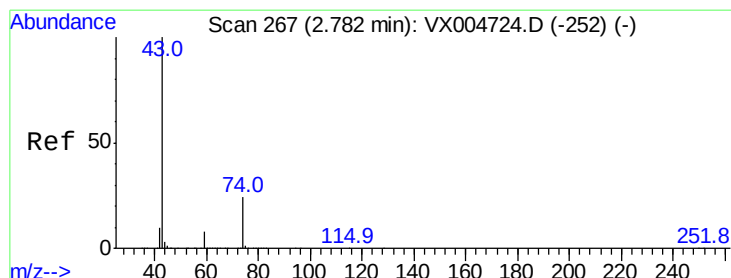
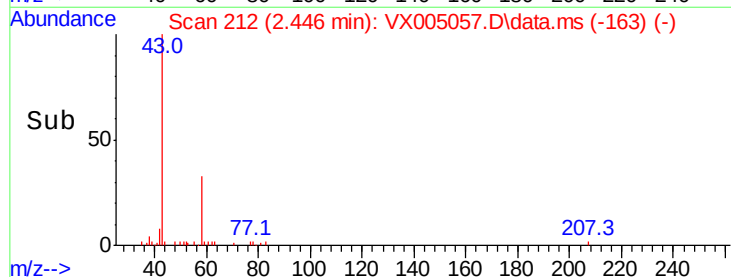
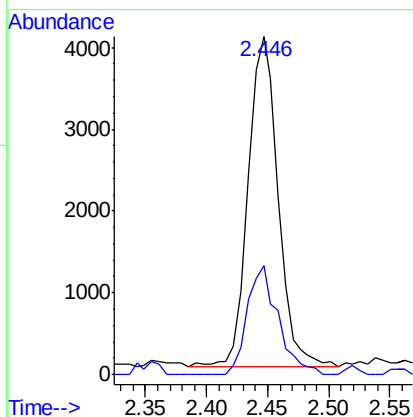
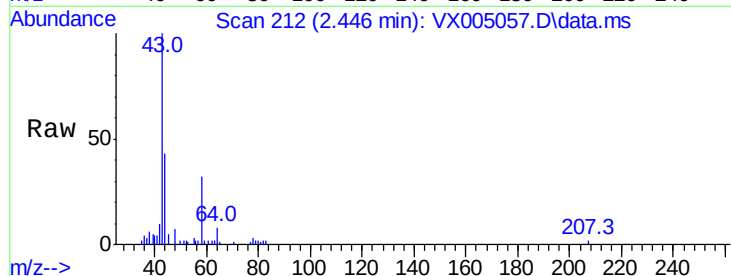




#16
Acetone
Concen: 3.99 ug/l
RT: 2.446 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX005057.D
Acq: 05 Oct 2018 09:24

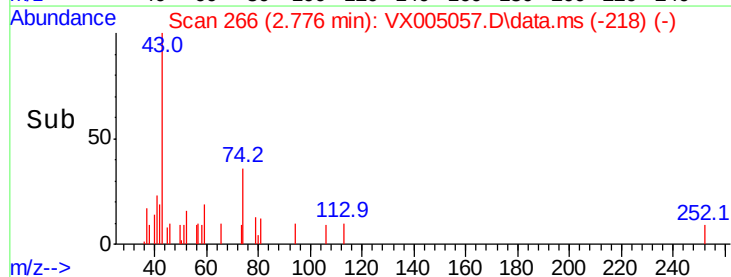
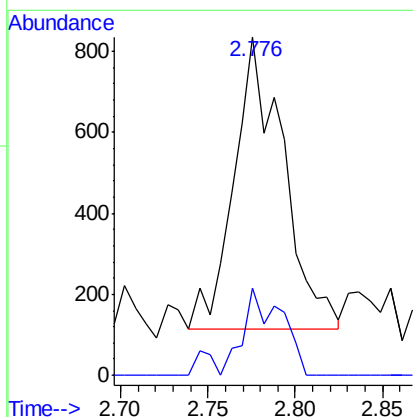
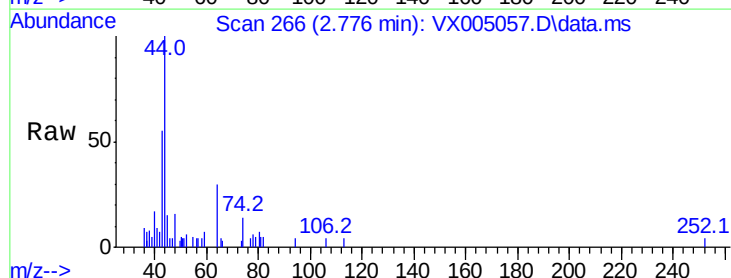
Instrument :
MSVOA_X
ClientSampleId :
SA-TW512-1115

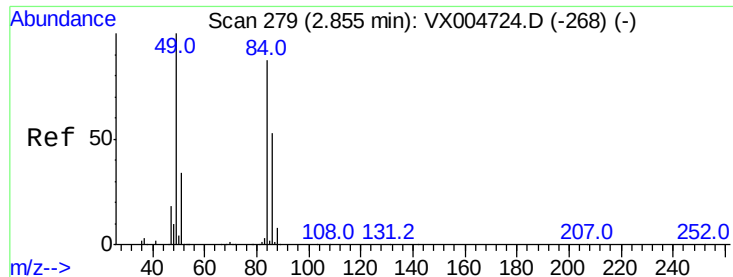
Tot Ion: 43 Resp: 6930
Ion Ratio Lower Upper
43 100
58 33.1 21.8 32.6#



#18
Methyl Acetate
Concen: 0.32 ug/l
RT: 2.776 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX005057.D
Acq: 05 Oct 2018 09:24

Tgt Ion: 43 Resp: 1417
Ion Ratio Lower Upper
43 100
74 22.9 17.8 26.8





#20

Methylene Chloride

Concen: Below Cal

RT: 2.861 min Scan# 28

Delta R.T. 0.006 min

Lab File: VX005057.D

Acq: 05 Oct 2018 09:24

Instrument :

MSVOA_X

ClientSampleId :

SA-TW512-1115

Tot Ion: 84 Resp: 743

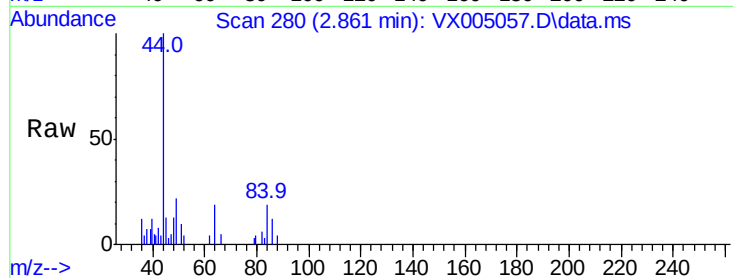
Ion Ratio Lower Upper

84 100

49 116.9 92.3 138.5

51 32.3 31.8 47.6

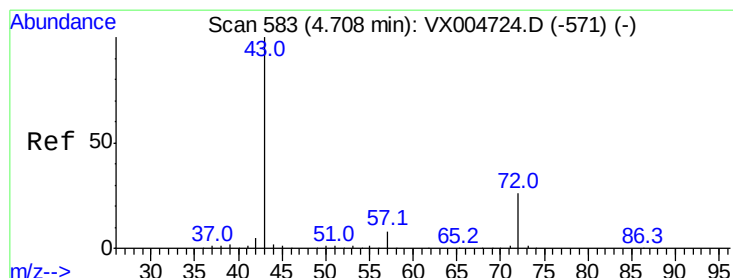
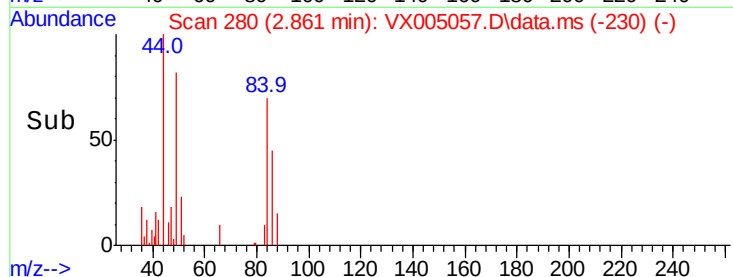
86 63.8 48.5 72.7



Abundance



Time-->



#25

2-Butanone

Concen: 0.25 ug/l

RT: 4.708 min Scan# 583

Delta R.T. 0.000 min

Lab File: VX005057.D

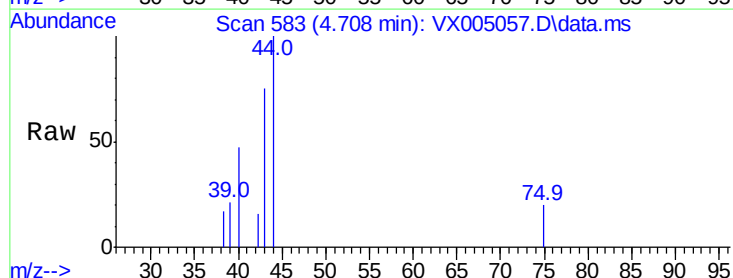
Acq: 05 Oct 2018 09:24

Tgt Ion: 43 Resp: 650

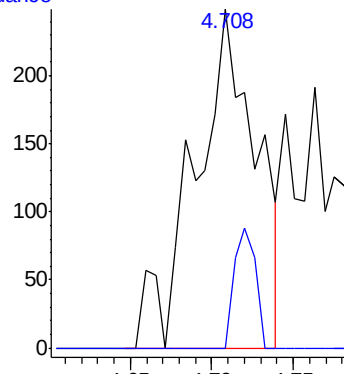
Ion Ratio Lower Upper

43 100

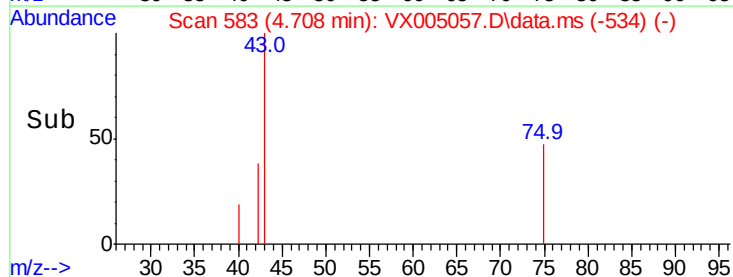
72 0.0 20.8 31.2#

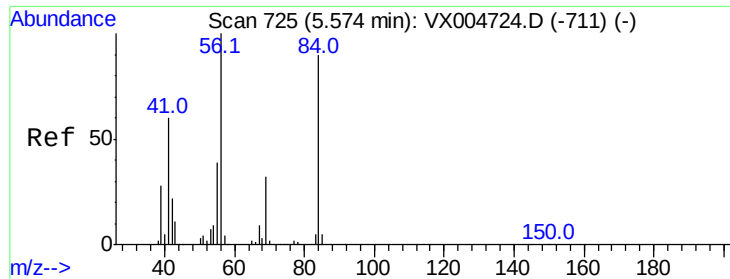


Abundance



Time-->

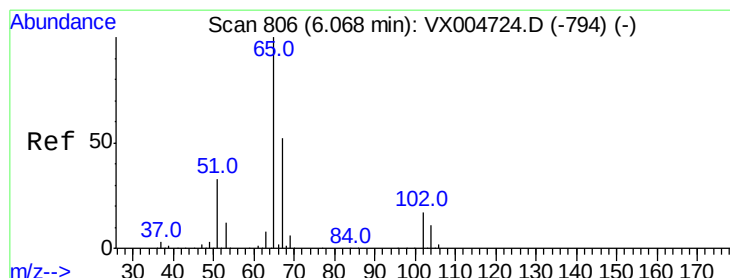
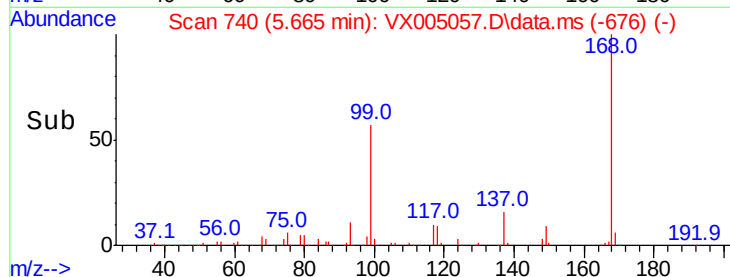
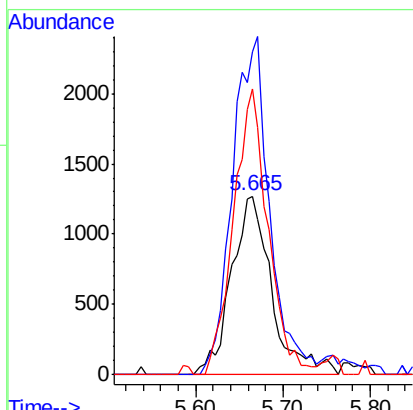
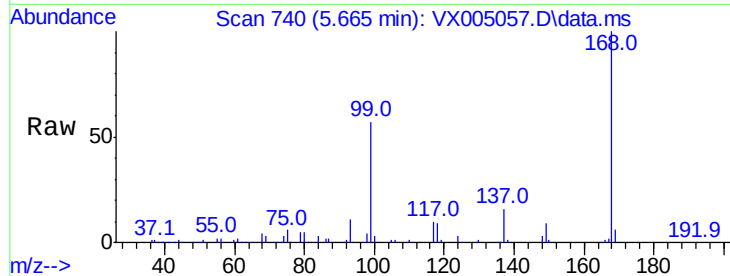




#31
Cvclohexane
Concen: 1.07 ug/l
RT: 5.665 min Scan# 741
Delta R.T. 0.092 min
Lab File: VX005057.D
Acq: 05 Oct 2018 09:24

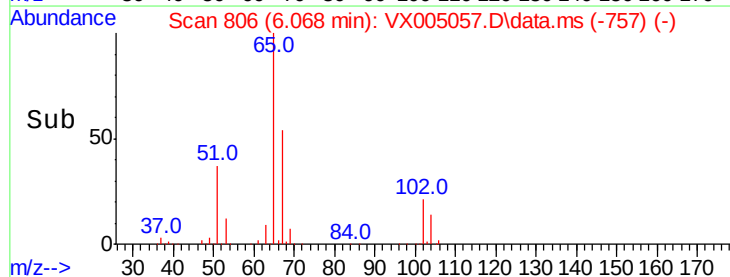
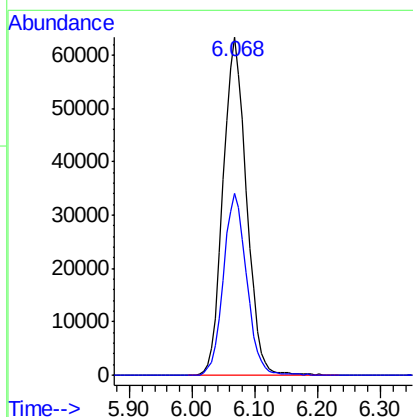
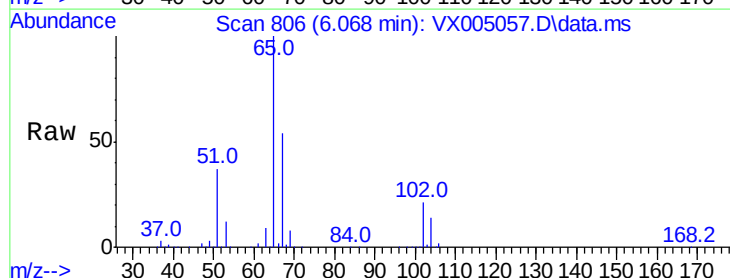
Instrument :
MSVOA_X
ClientSampleId :
SA-TW512-1115

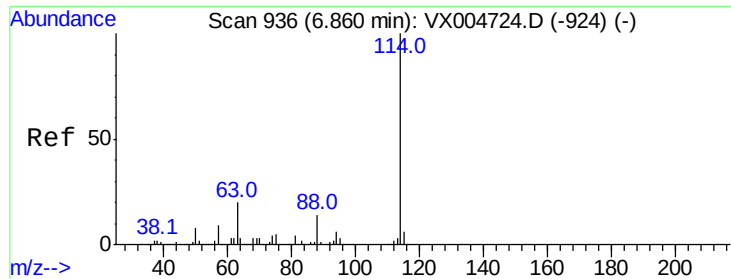
Tot Ion: 56 Resp: 4065
Ion Ratio Lower Upper
56 100
69 181.3 25.9 38.9#
84 155.9 71.9 107.9#



#33
1,2-Dichloroethane-d4
Concen: 54.99 ug/l
RT: 6.068 min Scan# 806
Delta R.T. 0.000 min
Lab File: VX005057.D
Acq: 05 Oct 2018 09:24

Tgt Ion: 65 Resp: 163608
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.4

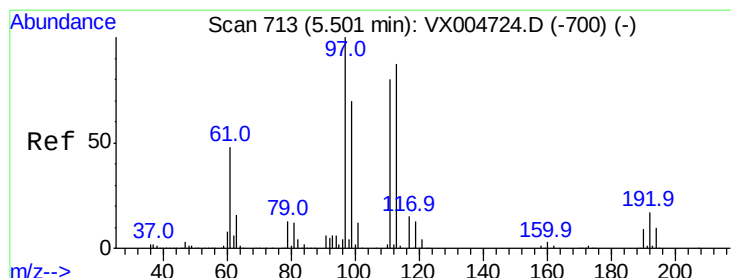
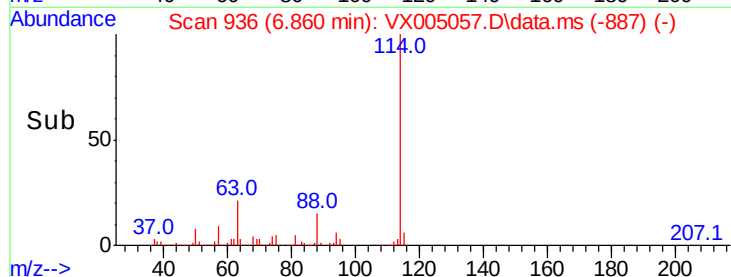
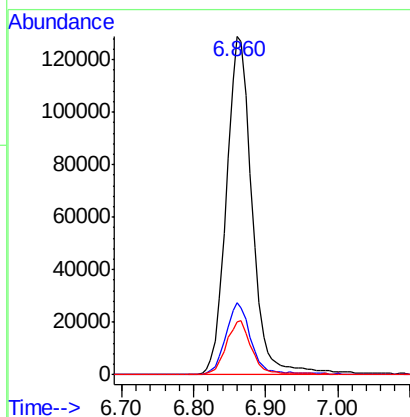
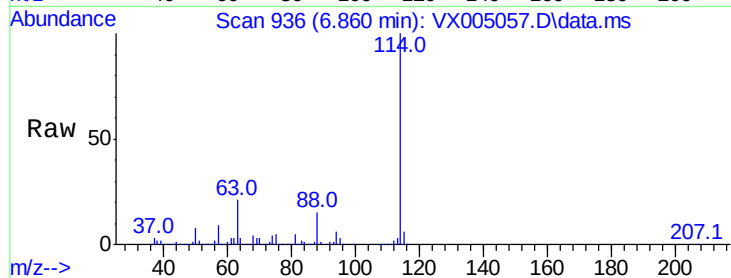




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.860 min Scan# 936
 Delta R.T. 0.000 min
 Lab File: VX005057.D
 Acq: 05 Oct 2018 09:24

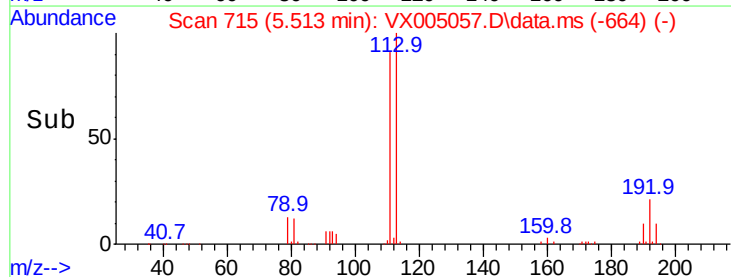
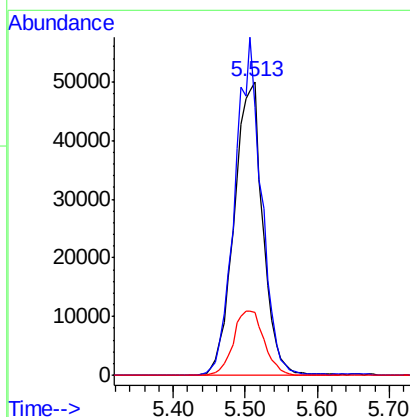
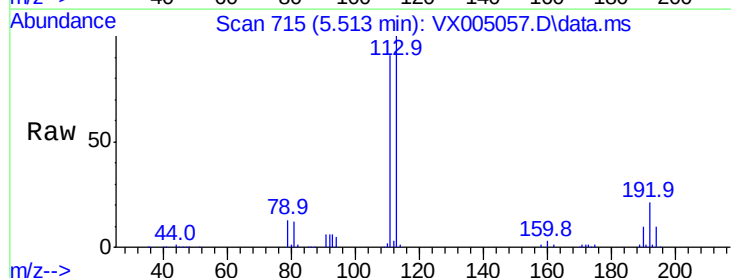
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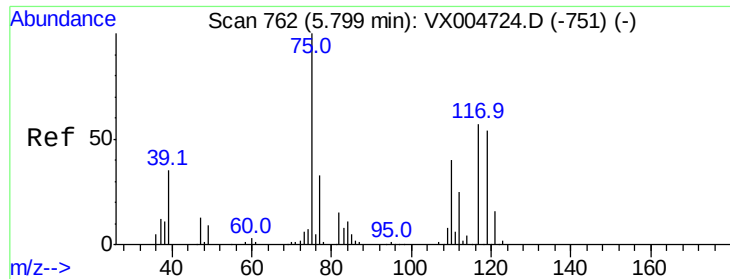
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	39.8
88	15.4	0.0	27.0



#35
 Dibromofluoromethane
 Concen: 50.90 ug/l
 RT: 5.513 min Scan# 715
 Delta R.T. 0.012 min
 Lab File: VX005057.D
 Acq: 05 Oct 2018 09:24

Tgt Ion	Ratio	Lower	Upper
113	100		
111	106.8	77.0	115.4
192	23.4	17.0	25.6

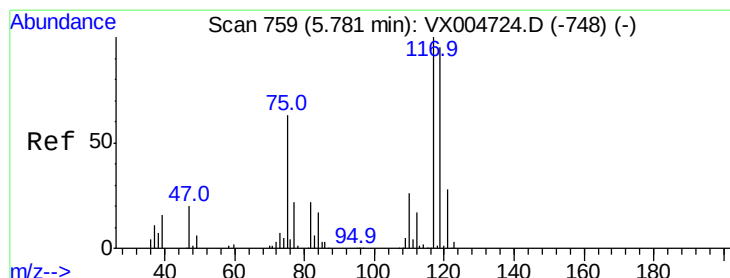
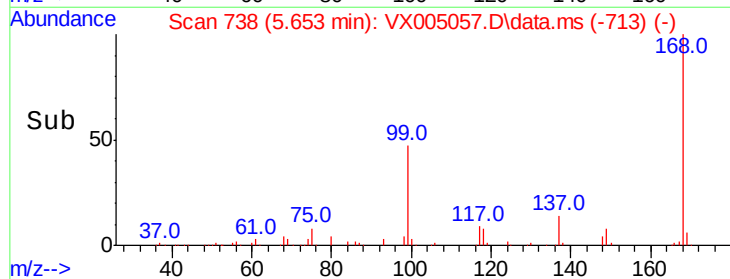
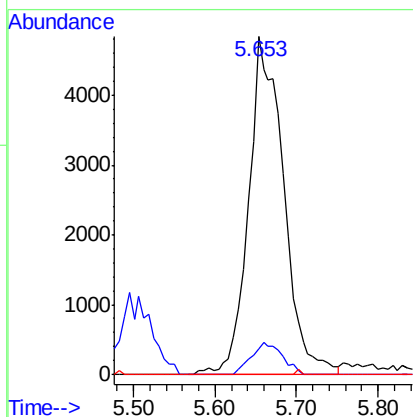
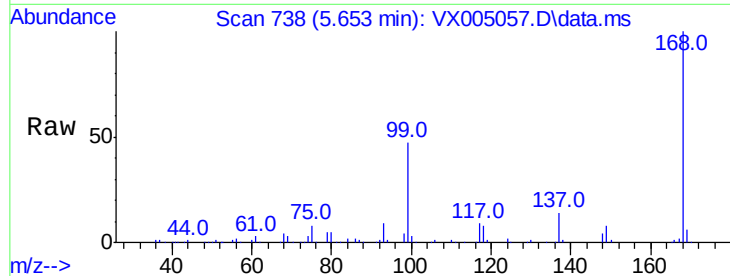




#36
 1,1-Dichloropropene
 Concen: 3.90 ug/l
 RT: 5.653 min Scan# 731
 Delta R.T. -0.146 min
 Lab File: VX005057.D
 Acq: 05 Oct 2018 09:24

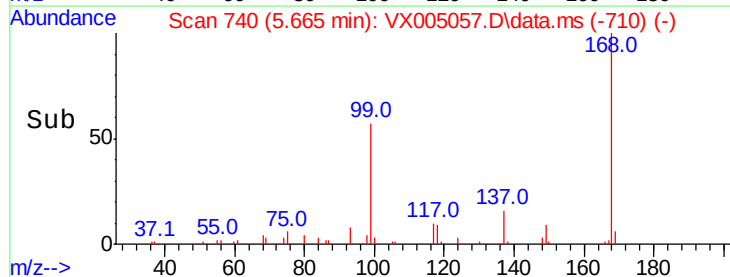
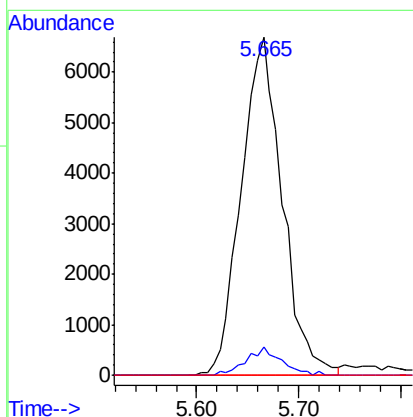
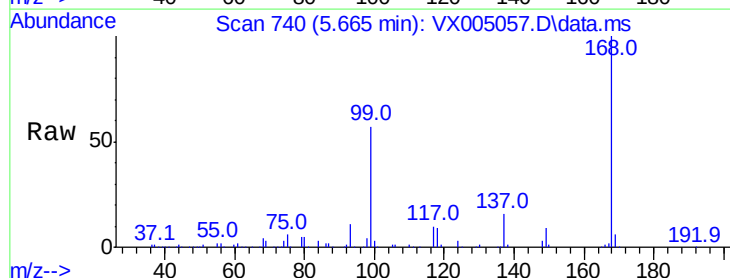
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW512-1115

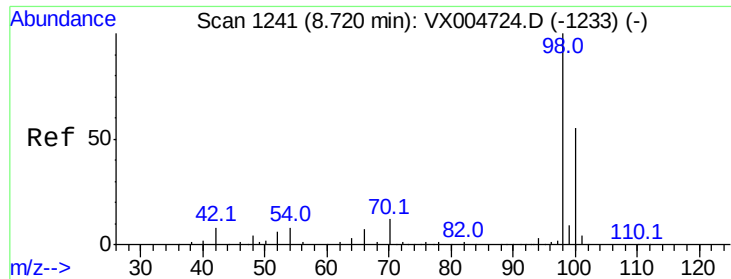
Tot Ion: 75 Resp: 14441
 Ion Ratio Lower Upper
 75 100
 110 8.4 20.0 59.9#
 77 0.0 27.1 40.7#



#38
 Carbon Tetrachloride
 Concen: 4.81 ug/l
 RT: 5.665 min Scan# 740
 Delta R.T. -0.116 min
 Lab File: VX005057.D
 Acq: 05 Oct 2018 09:24

Tgt Ion: 117 Resp: 18701
 Ion Ratio Lower Upper
 117 100
 119 8.3 75.2 112.8#
 121 0.0 22.5 33.7#

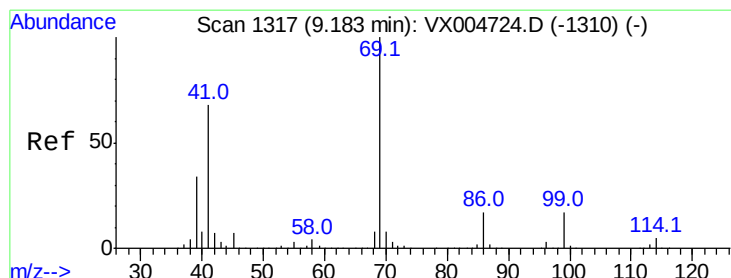
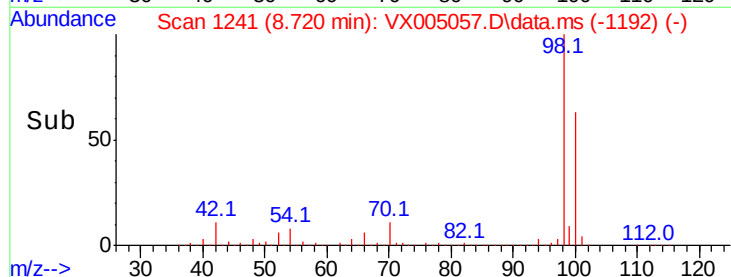
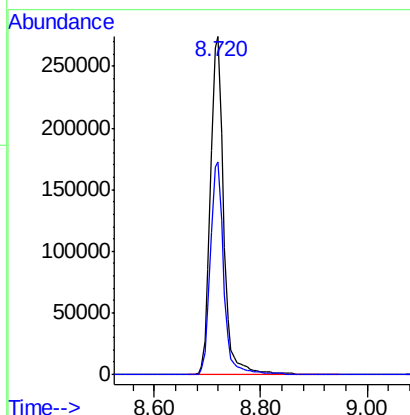
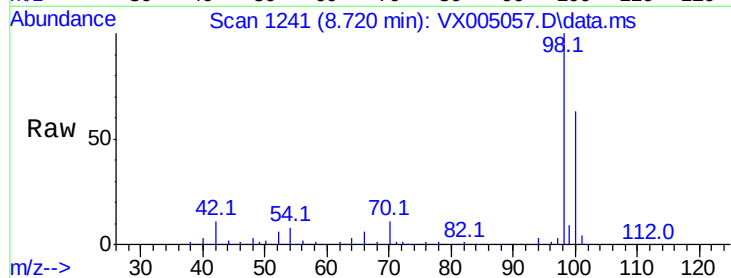




#50
Toluene-d8
Concen: 52.07 ug/l
RT: 8.720 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX005057.D
Acq: 05 Oct 2018 09:24

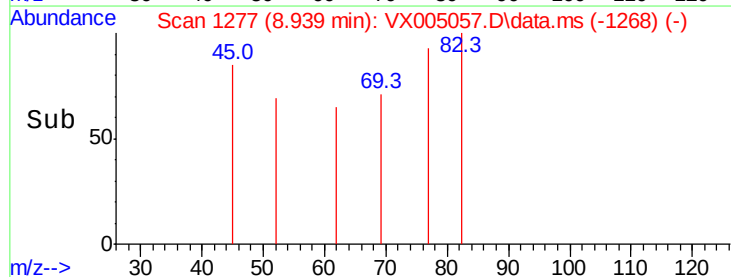
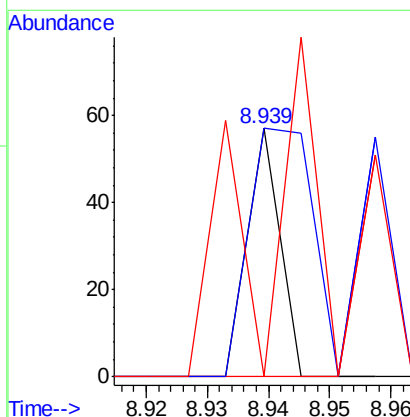
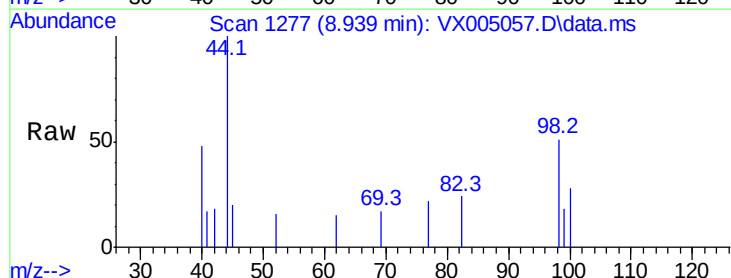
Instrument :
MSVOA_X
ClientSampleId :
SA-TW512-1115

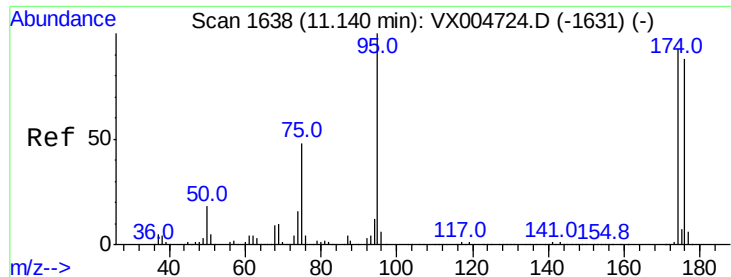
Tot Ion: 98 Resp: 469247
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9



#56
Ethyl methacrylate
Concen: 2.87 ug/l
RT: 8.939 min Scan# 1277
Delta R.T. -0.244 min
Lab File: VX005057.D
Acq: 05 Oct 2018 09:24

Tgt Ion: 69 Resp: 21
Ion Ratio Lower Upper
69 100
41 290.5 56.9 85.3#
39 104.8 28.4 42.6#

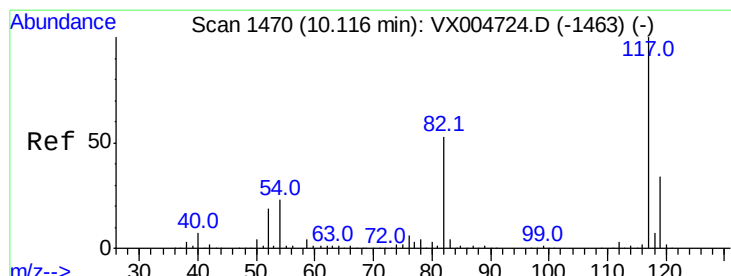
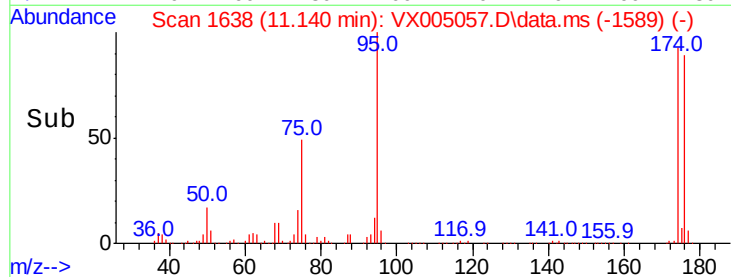
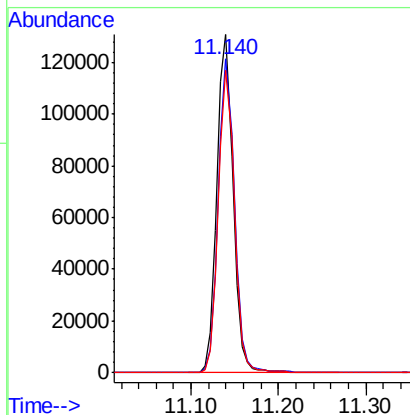
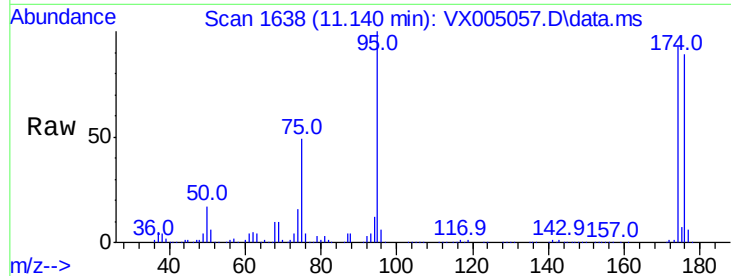




#62
4-Bromofluorobenzene
Concen: 51.29 ug/l
RT: 11.140 min Scan# 1638
Delta R.T. 0.000 min
Lab File: VX005057.D
Acq: 05 Oct 2018 09:24

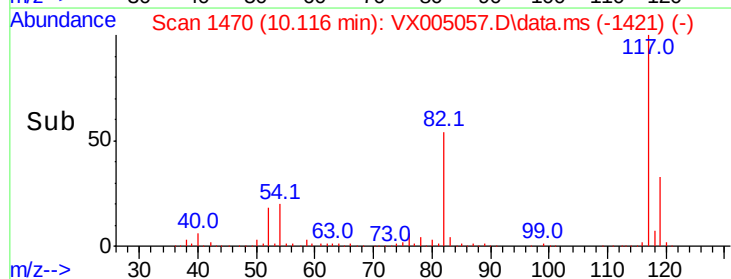
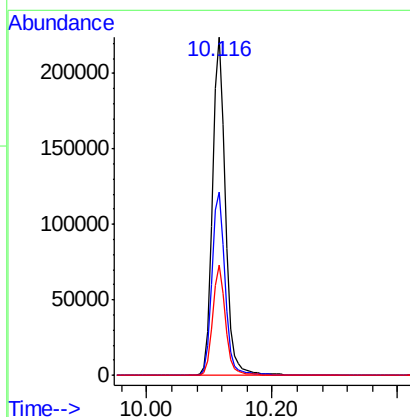
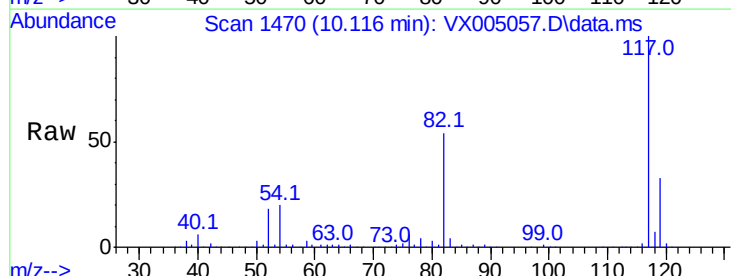
Instrument :
MSVOA_X
ClientSampleId :
SA-TW512-1115

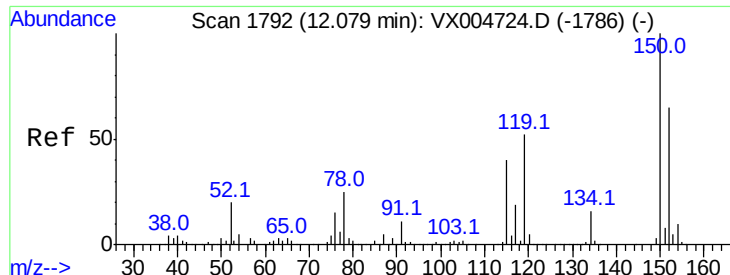
Tot Ion: 95 Resp: 166545
Ion Ratio Lower Upper
95 100
174 92.8 0.0 185.0
176 89.2 0.0 180.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.116 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX005057.D
Acq: 05 Oct 2018 09:24

Tgt Ion: 117 Resp: 318655
Ion Ratio Lower Upper
117 100
82 54.3 42.2 63.4
119 32.6 27.4 41.0

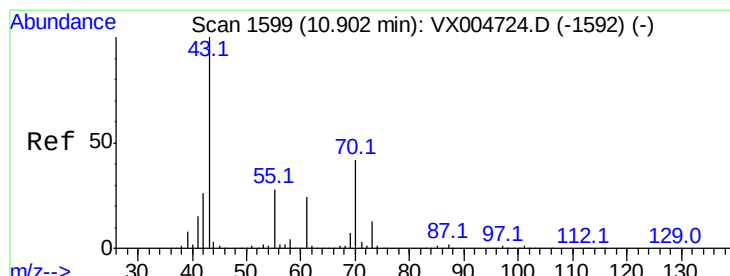
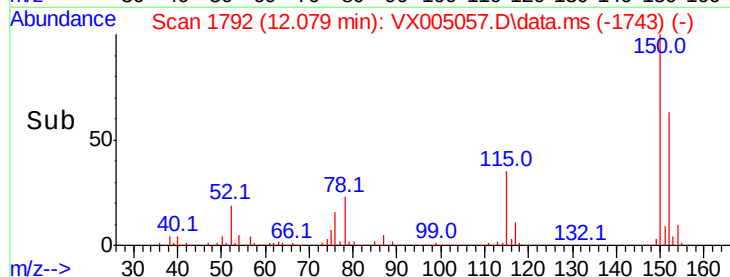
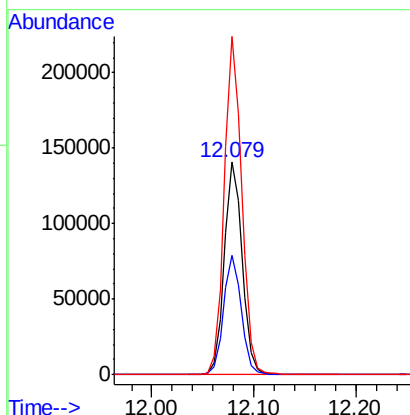
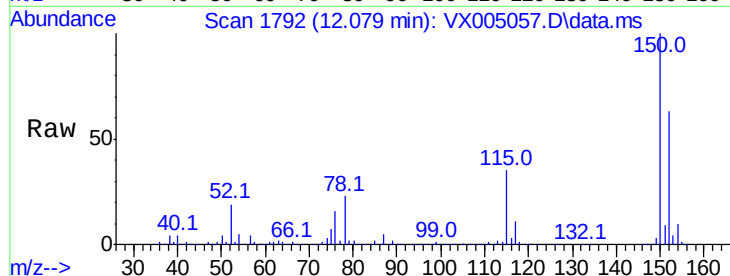




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.079 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: VX005057.D
 Acq: 05 Oct 2018 09:24

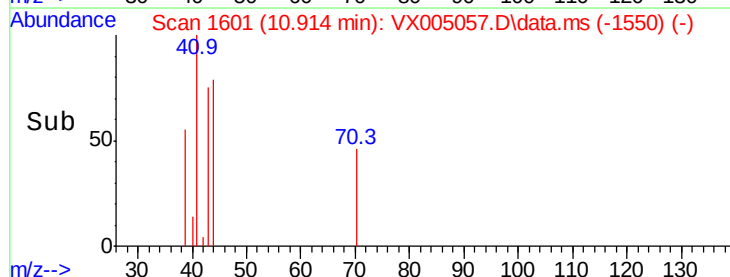
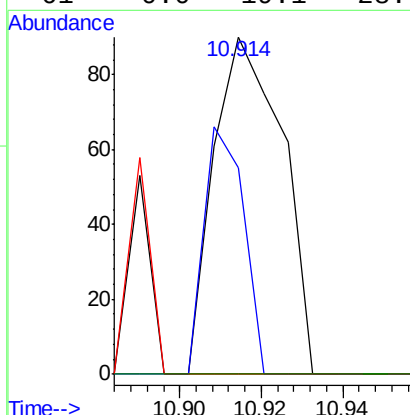
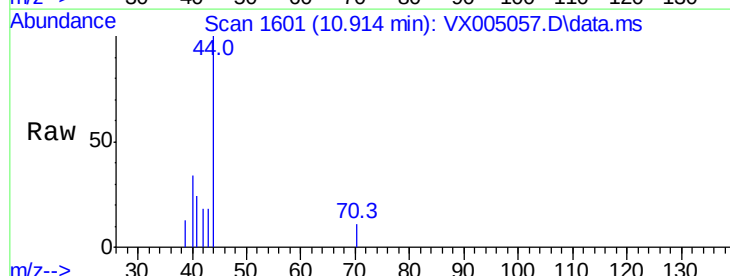
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW512-1115

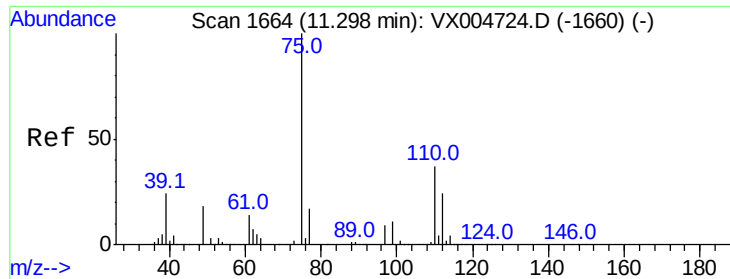
Tot Ion	Ratio	Lower	Upper
152	100		
115	55.8	40.2	120.6
150	155.5	0.0	351.0



#74
 N-ethyl acetate
 Concen: 1.76 ug/l
 RT: 10.914 min Scan# 1601
 Delta R.T. 0.012 min
 Lab File: VX005057.D
 Acq: 05 Oct 2018 09:24

Tgt Ion	Ratio	Lower	Upper
43	100		
70	41.9	32.6	48.8
55	0.0	21.6	32.4#
61	0.0	19.1	28.7#

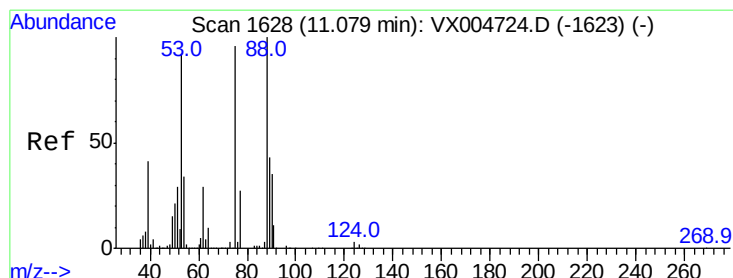
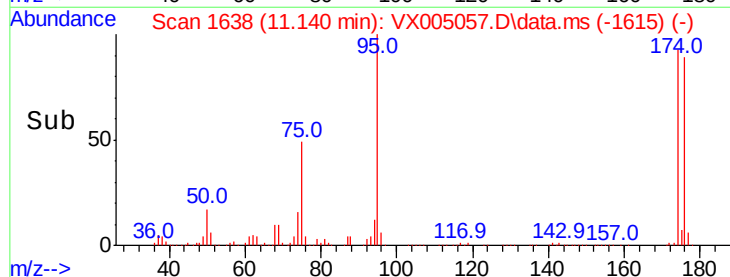
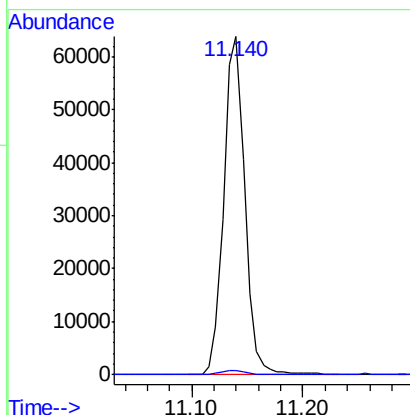
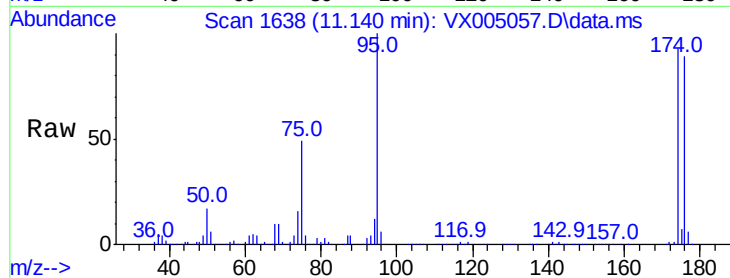




#76
 1,2,3-Trichloropropane
 Concen: 21.74 ug/l
 RT: 11.140 min Scan# 16
 Delta R.T. -0.158 min
 Lab File: VX005057.D
 Acq: 05 Oct 2018 09:24

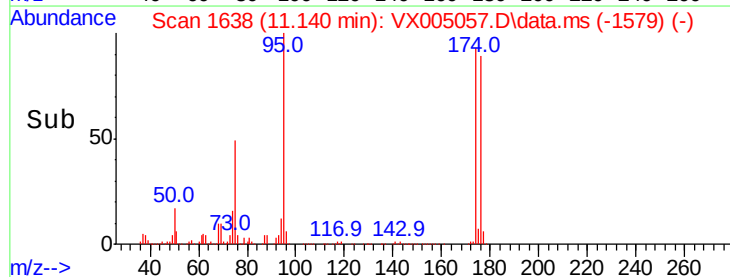
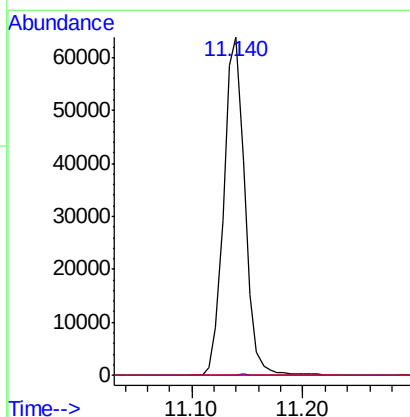
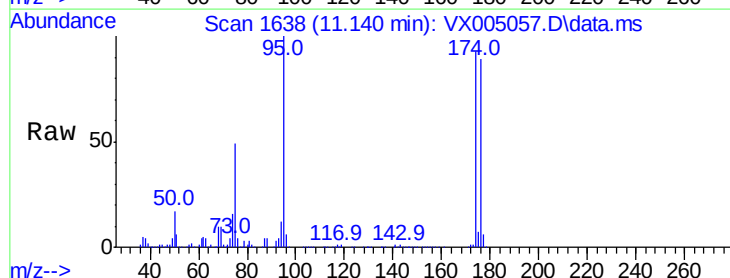
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW512-1115

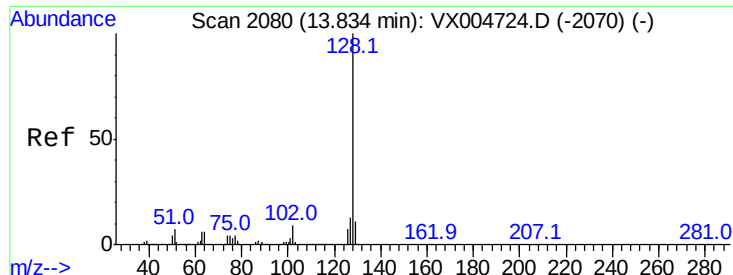
Tot Ion: 75 Resp: 83265
 Ion Ratio Lower Upper
 75 100
 77 1.3 21.4 64.3#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.92 ug/l
 RT: 11.140 min Scan# 1638
 Delta R.T. 0.061 min
 Lab File: VX005057.D
 Acq: 05 Oct 2018 09:24

Tgt Ion: 75 Resp: 83265
 Ion Ratio Lower Upper
 75 100
 53 0.3 80.2 120.4#
 89 0.0 37.1 55.7#





#95

Naphthalene

Concen: 0.76 ug/l

RT: 13.835 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX005057.D

Acq: 05 Oct 2018 09:24

Instrument :

MSVOA_X

ClientSampleId :

SA-TW512-1115

Tot Ion:128 Resp: 565

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 3.5 8.7 13.1#

