

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061218\
 Data File : VX002495.D
 Acq On : 13 Jun 2018 04:51
 Operator : JC/MD
 Sample : J3429-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 13 07:20:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	214017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	316849	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173914	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	155382	50.83	ug/l	0.00
Spiked Amount			Recovery	=	101.66%	
35) Dibromofluoromethane	5.51	113	115757	46.46	ug/l	0.00
Spiked Amount			Recovery	=	92.92%	
50) Toluene-d8	8.72	98	459995	48.16	ug/l	0.00
Spiked Amount			Recovery	=	96.32%	
62) 4-Bromofluorobenzene	11.14	95	164332	44.62	ug/l	0.00
Spiked Amount			Recovery	=	89.24%	

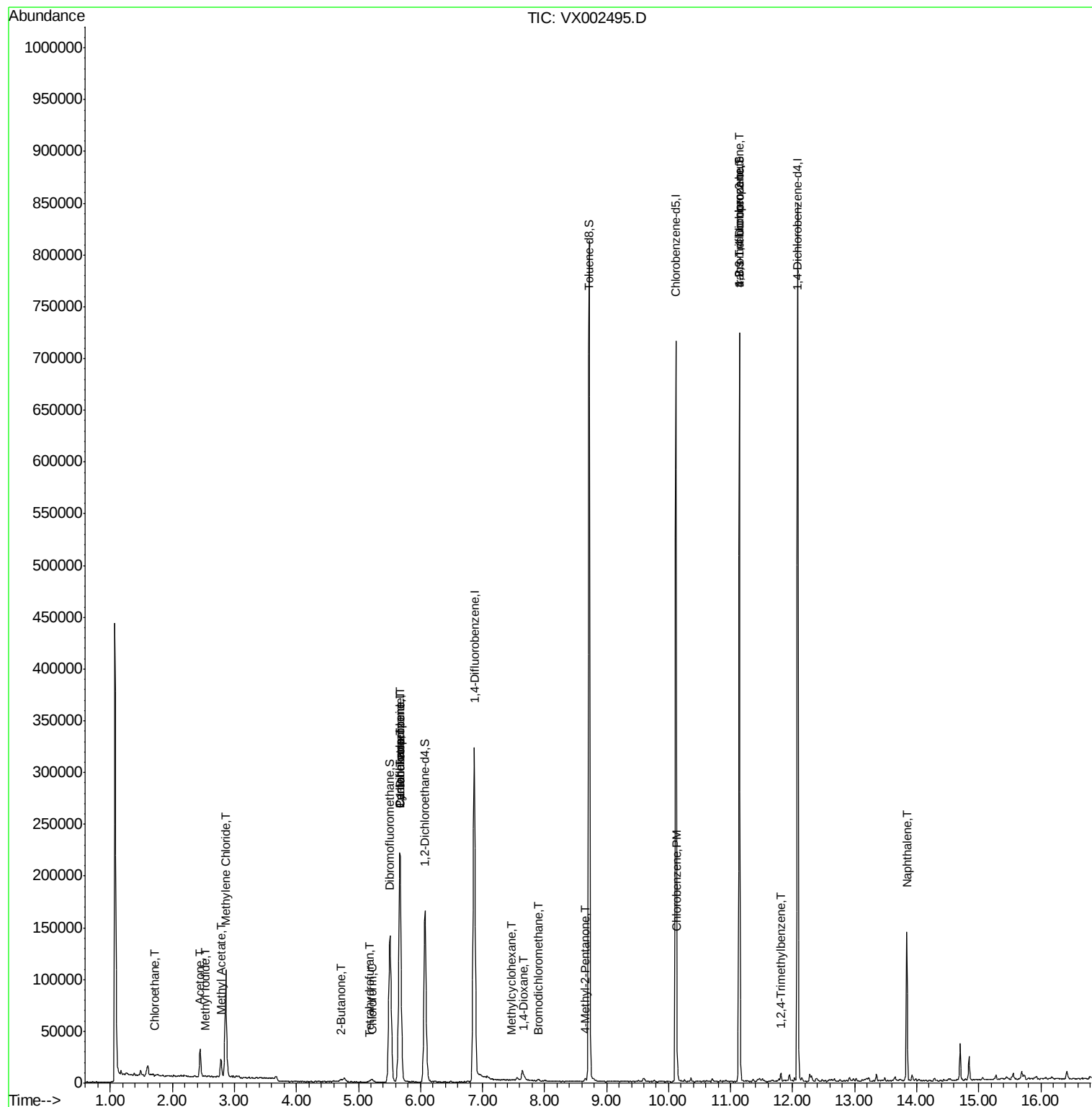
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	444	Below Cal		89
5) Bromomethane	1.65	94	503	Below Cal	#	51
6) Chloroethane	1.72	64	480	0.26	ug/l	93
8) Diethyl Ether	2.20	74	342	Below Cal		81
10) Methyl Iodide	2.53	142	749	0.23	ug/l	98
11) Tert butyl alcohol	3.07	59	1798	Below Cal		99
13) Acrolein	2.29	56	148	Below Cal	#	1
15) Acrylonitrile	3.14	53	211	Below Cal	#	69
16) Acetone	2.45	43	28319	2.54	ug/l	96
18) Methyl Acetate	2.78	43	21144	4.44	ug/l	98
19) Methyl tert-butyl Ether	3.29	73	24	Below Cal	#	54
20) Methylene Chloride	2.86	84	44796	16.67	ug/l	98
22) Diisopropyl ether	3.85	45	46	Below Cal	#	41
25) 2-Butanone	4.72	43	4597	2.19	ug/l	95
28) Bromochloromethane	5.03	49	22	Below Cal	#	13
29) Tetrahydrofuran	5.17	42	892	0.66	ug/l	# 82
30) Chloroform	5.23	83	2562	0.54	ug/l	84
31) Cyclohexane	5.67	56	5003	1.29	ug/l	# 33
36) 1,1-Dichloropropene	5.67	75	15748	4.73	ug/l	# 50
38) Carbon Tetrachloride	5.67	117	20903	6.00	ug/l	# 18
39) Methylcyclohexane	7.46	83	30	0.27	ug/l	# 16
47) Bromodichloromethane	7.90	83	891	0.26	ug/l	# 76
49) 1,4-Dioxane	7.67	88	20	0.31	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.65	43	1958	0.46	ug/l	96
65) Chlorobenzene	10.14	112	2136	0.29	ug/l	# 87
76) 1,2,3-Trichloropropane	11.14	75	90842	23.80	ug/l	# 33
81) trans-1,4-Dichloro-2-buten	11.14	75	90842	83.44	ug/l	# 6
84) 1,2,4-Trimethylbenzene	11.81	105	2743	0.26	ug/l	94
95) Naphthalene	13.84	128	88525	6.99	ug/l	100

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

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 13 07:20:23 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 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: VX002495.D

Acq: 13 Jun 2018 04:51

Instrument :

MSVOA_X

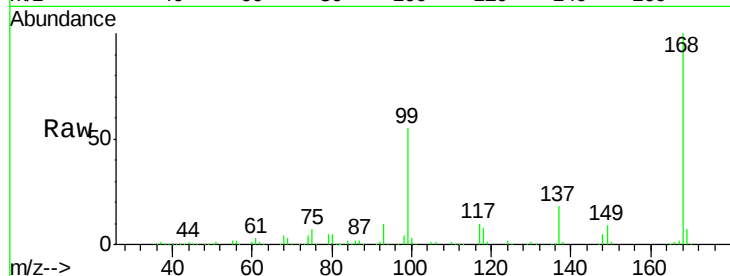
ClientSampleId :

Tot Ion:168 Resp: 214017

Ion Ratio Lower Upper

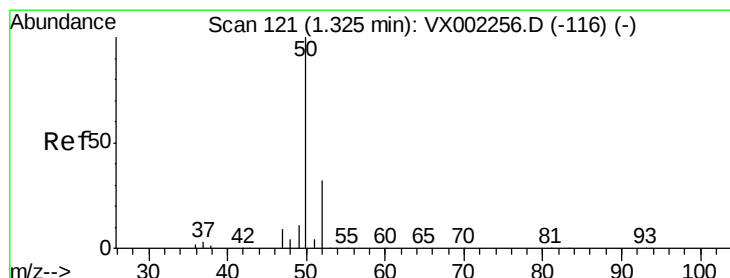
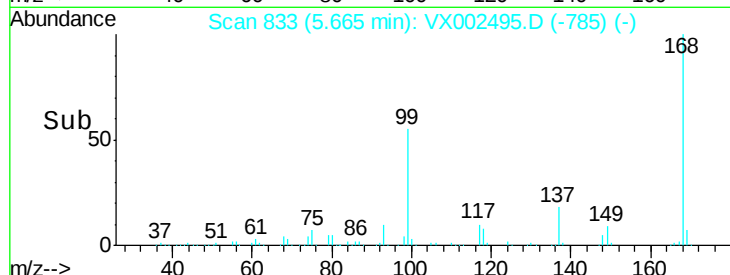
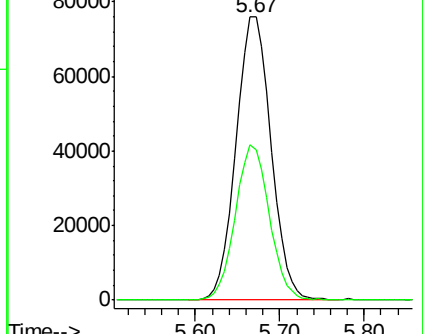
168 100

99 54.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX002495.D

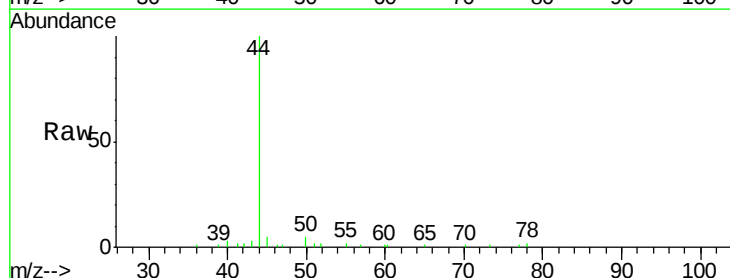
Acq: 13 Jun 2018 04:51

Tgt Ion: 50 Resp: 444

Ion Ratio Lower Upper

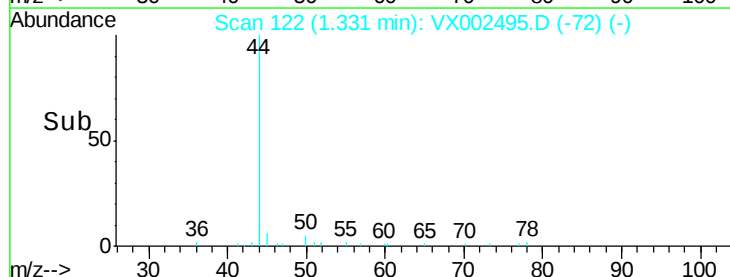
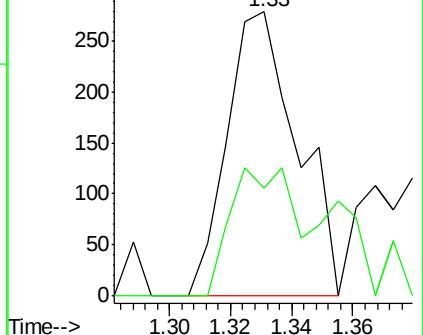
50 100

52 38.0 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX002495.D

Acq: 13 Jun 2018 04:51

Instrument :

MSVOA_X

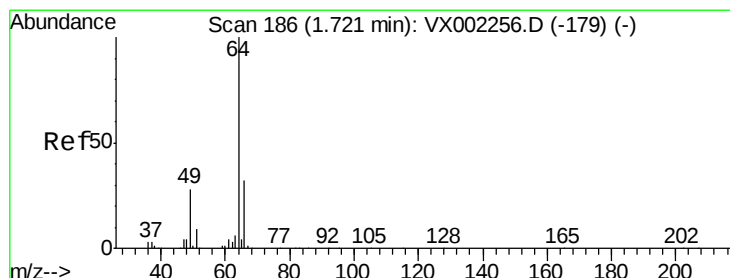
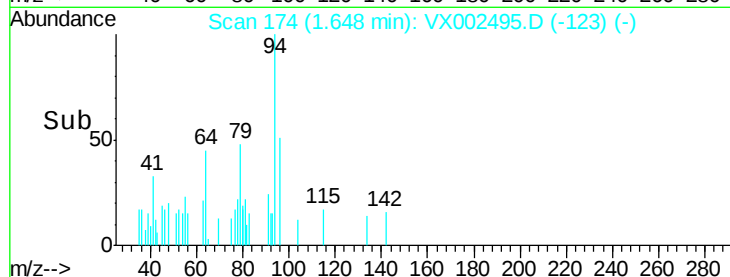
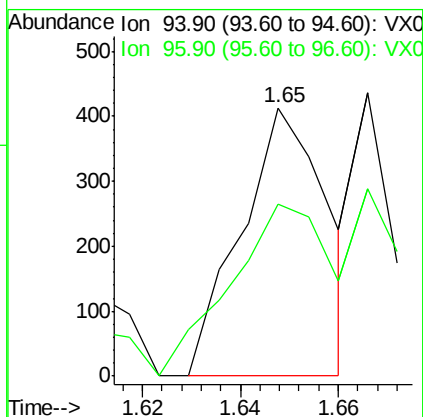
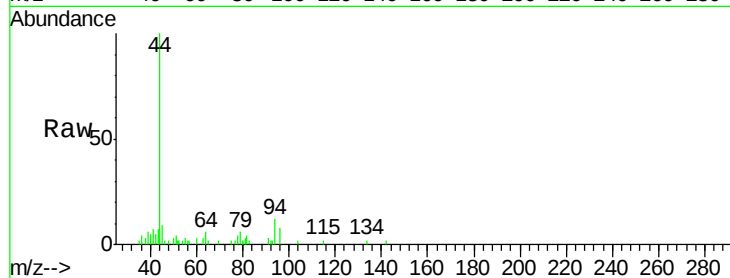
ClientSampleId :

Tot Ion: 94 Resp: 503

Ion Ratio Lower Upper

94 100

96 46.7 74.9 112.3#



#6

Chloroethane

Concen: 0.26 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002495.D

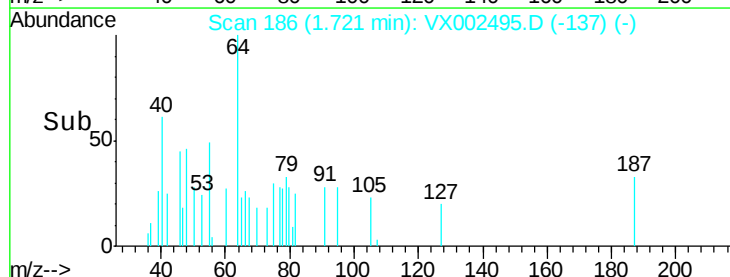
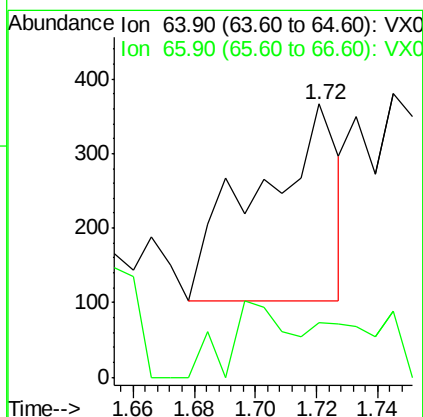
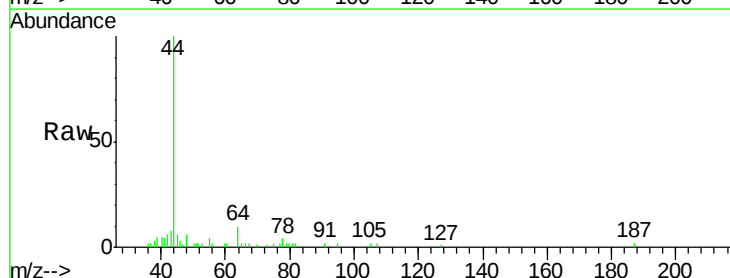
Acq: 13 Jun 2018 04:51

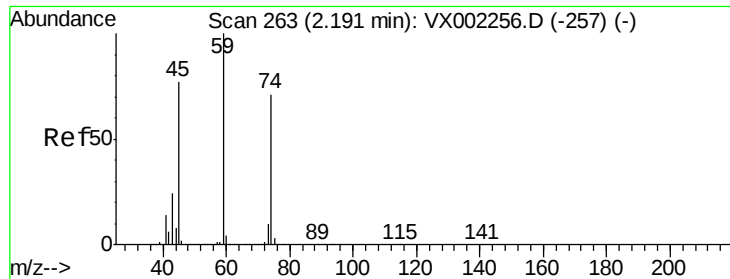
Tgt Ion: 64 Resp: 480

Ion Ratio Lower Upper

64 100

66 27.8 25.5 38.3





#8

Diethyl Ether

Concen: Below Cal

RT: 2.20 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX002495.D

Acq: 13 Jun 2018 04:51

Instrument :

MSVOA_X

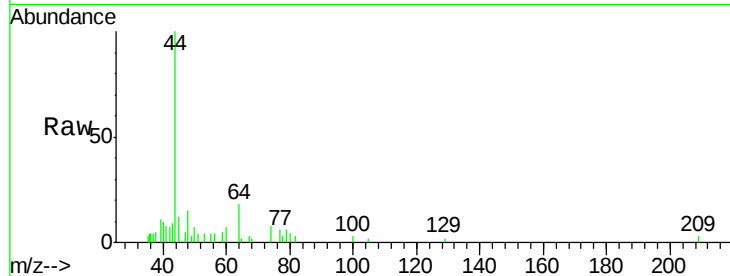
ClientSampleId :

Tot Ion: 74 Resp: 342

Ion Ratio Lower Upper

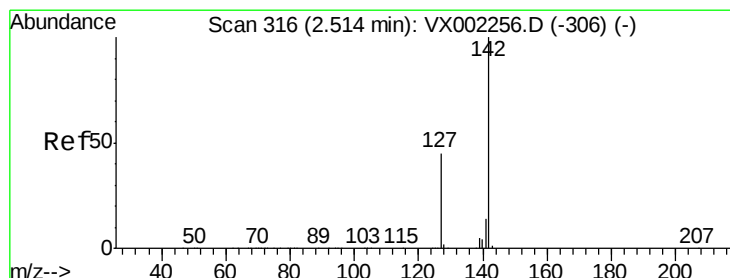
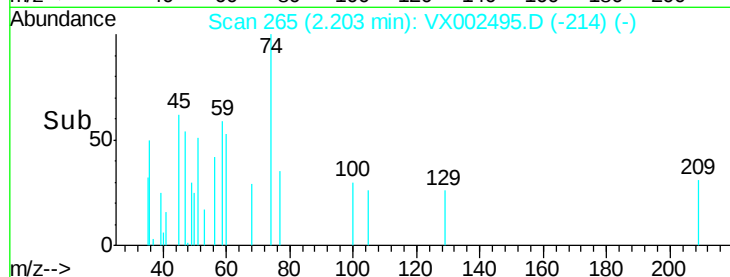
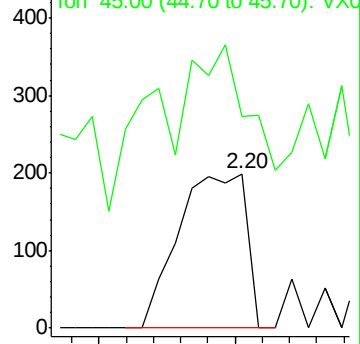
74 100

45 87.1 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#10

Methyl Iodide

Concen: 0.23 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX002495.D

Acq: 13 Jun 2018 04:51

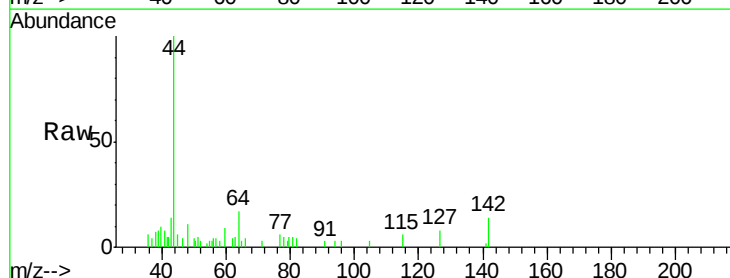
Tgt Ion: 142 Resp: 749

Ion Ratio Lower Upper

142 100

127 44.7 36.6 55.0

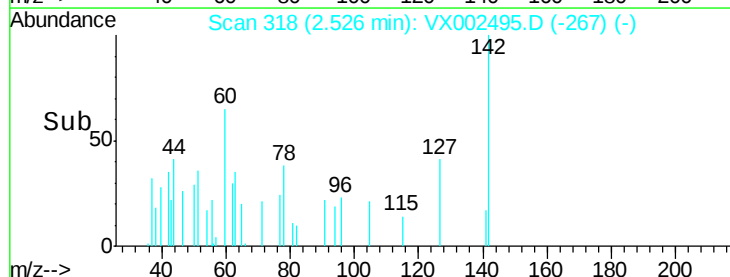
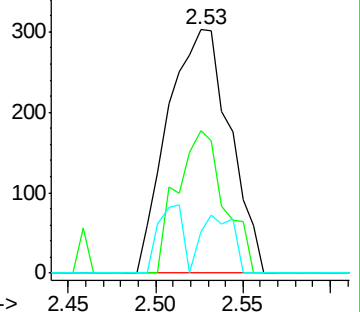
141 12.4 11.3 16.9

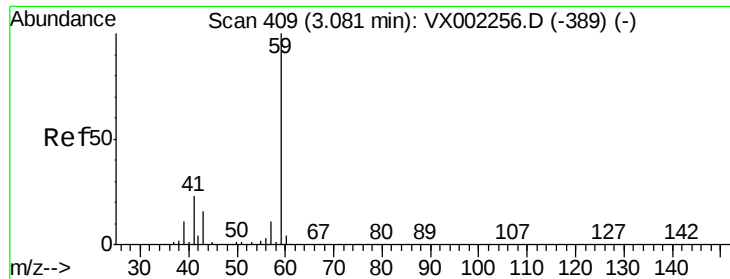


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



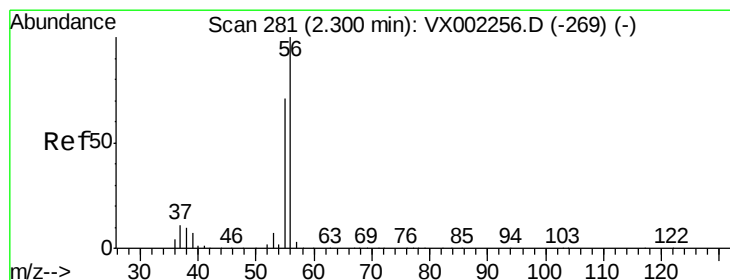
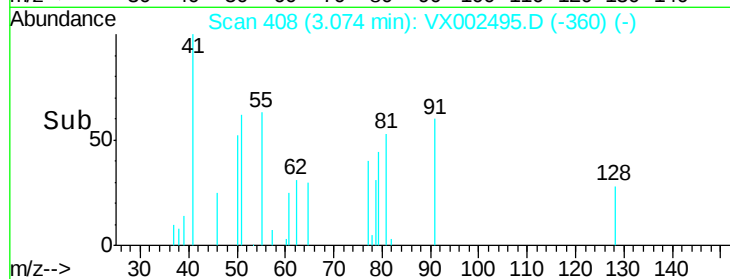
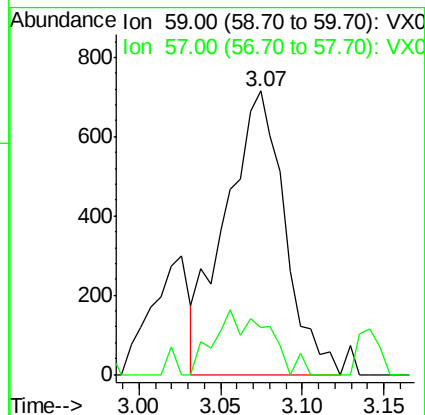
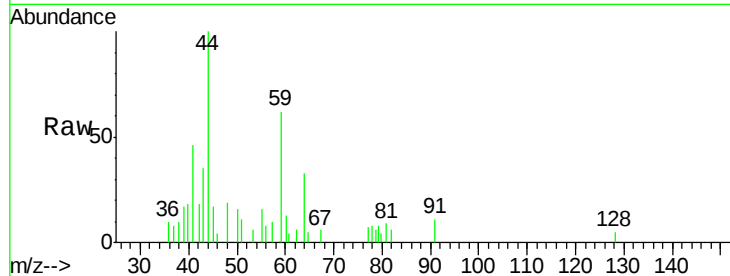


#11

Tert butyl alcohol
Concen: Below Cal
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002495.D
Acq: 13 Jun 2018 04:51

Instrument :
MSVOA_X
ClientSampleId :

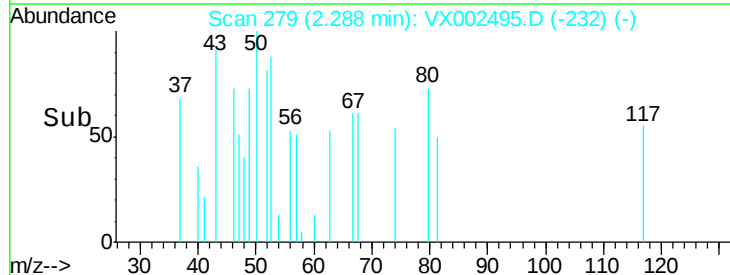
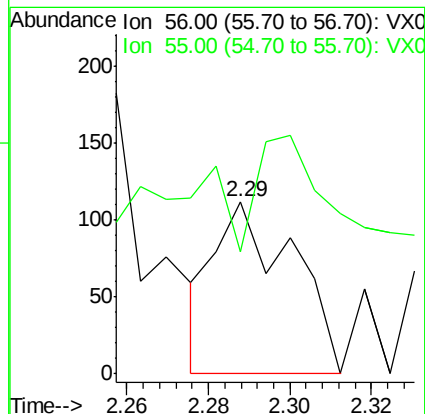
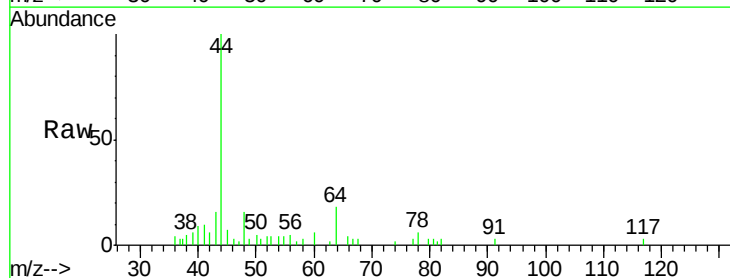
Tot Ion: 59 Resp: 1798
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.2

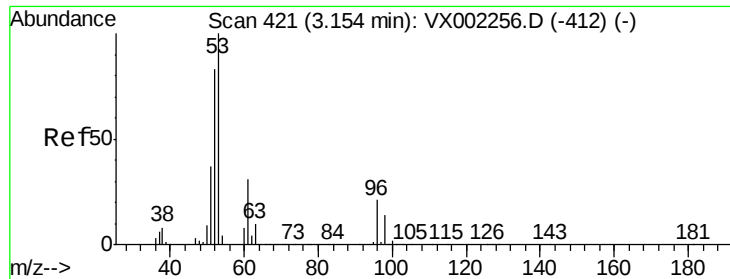


#13

Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX002495.D
Acq: 13 Jun 2018 04:51

Tgt Ion: 56 Resp: 148
Ion Ratio Lower Upper
56 100
55 168.2 57.0 85.4#





#15

Acrylonitrile

Concen: Below Cal

RT: 3.14 min Scan# 418

Delta R.T. -0.02 min

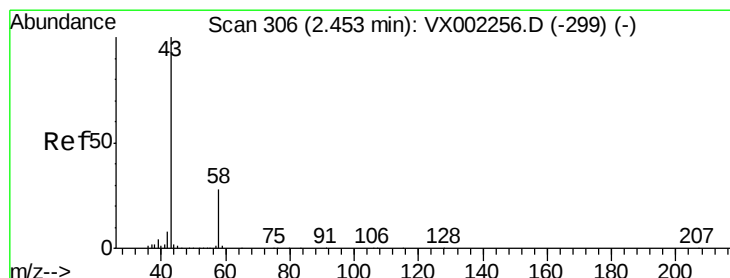
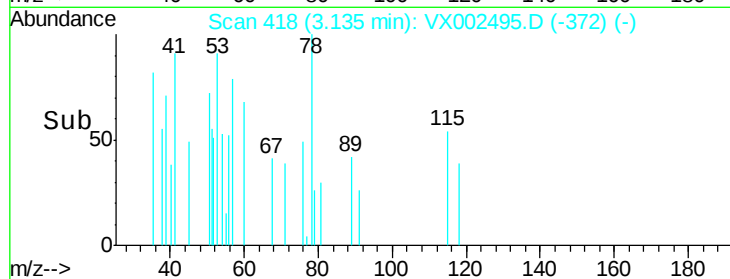
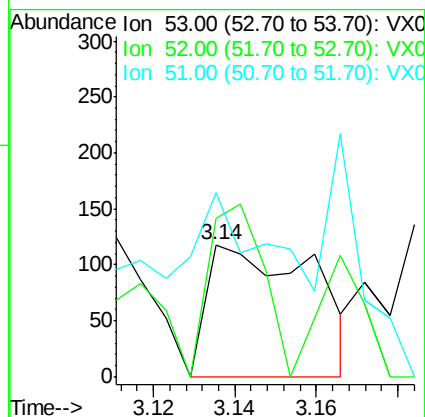
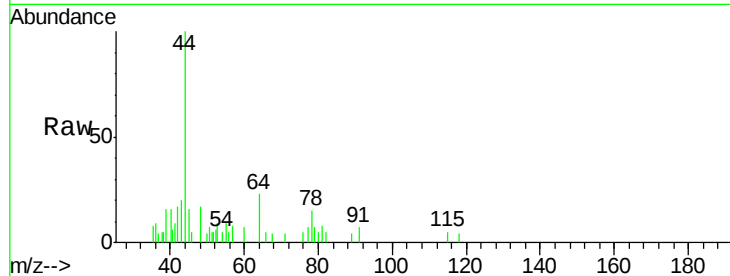
Lab File: VX002495.D

Acq: 13 Jun 2018 04:51

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 53 Resp: 211

Ion	Ratio	Lower	Upper
53	100		
52	67.8	66.7	100.1
51	0.0	29.9	44.9#



#16

Acetone

Concen: 2.54 ug/l

RT: 2.45 min Scan# 305

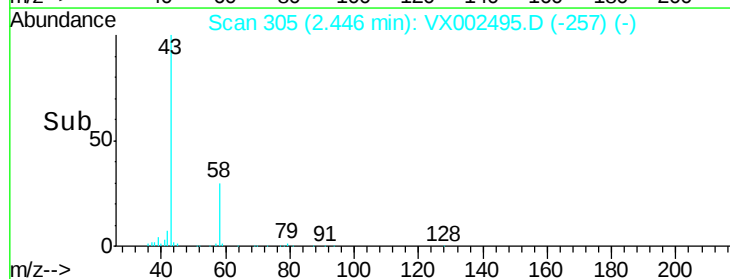
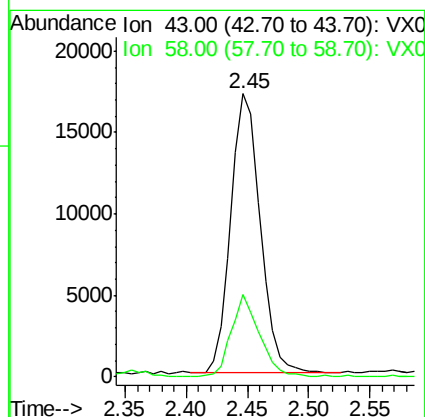
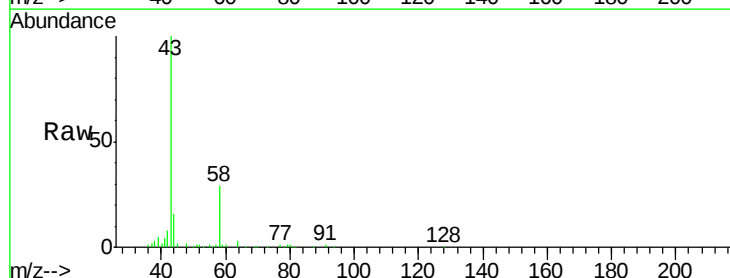
Delta R.T. -0.01 min

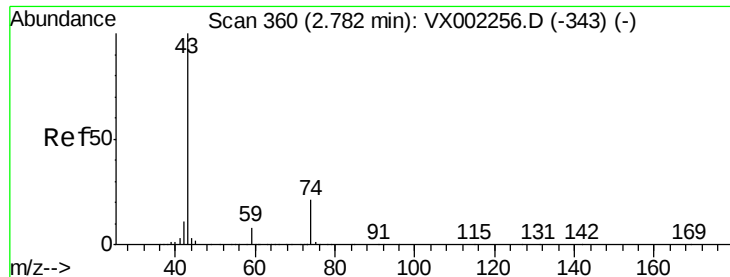
Lab File: VX002495.D

Acq: 13 Jun 2018 04:51

Tgt Ion: 43 Resp: 28319

Ion	Ratio	Lower	Upper
43	100		
58	29.5	22.1	33.1





#18

Methyl Acetate

Concen: 4.44 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002495.D

Acq: 13 Jun 2018 04:51

Instrument :

MSVOA_X

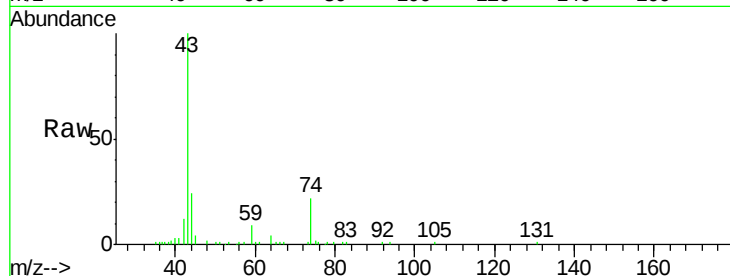
ClientSampleId :

Tot Ion: 43 Resp: 21144

Ion Ratio Lower Upper

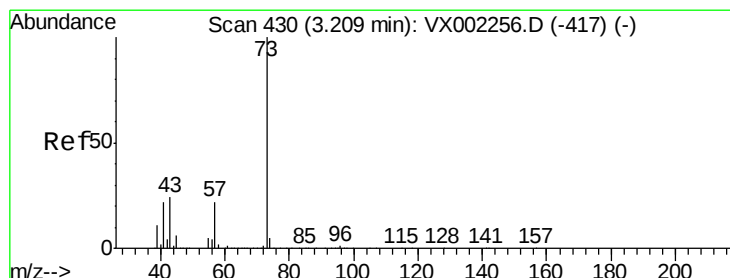
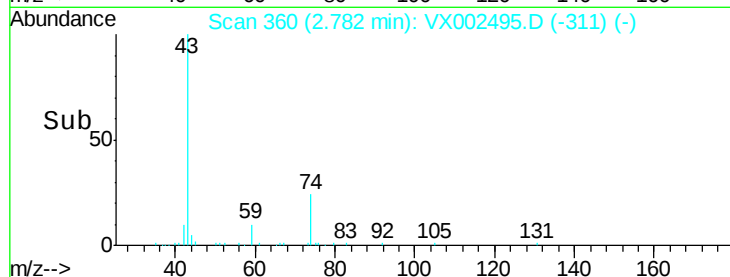
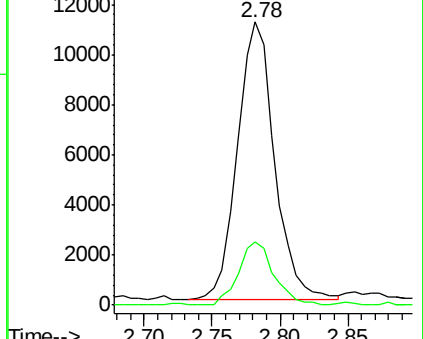
43 100

74 21.7 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#19

Methyl tert-butyl Ether

Concen: Below Cal

RT: 3.29 min Scan# 444

Delta R.T. 0.09 min

Lab File: VX002495.D

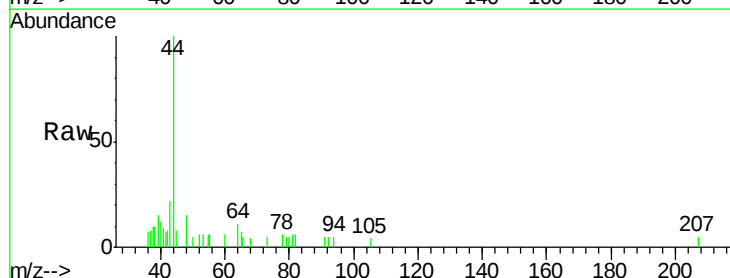
Acq: 13 Jun 2018 04:51

Tgt Ion: 73 Resp: 24

Ion Ratio Lower Upper

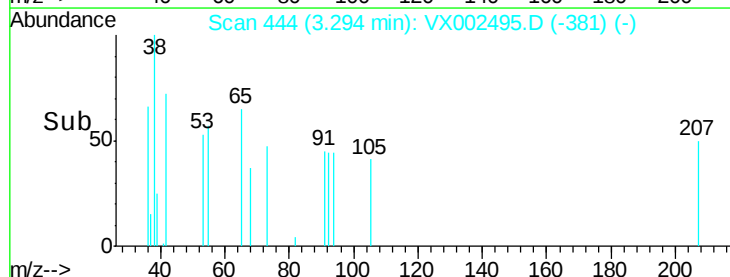
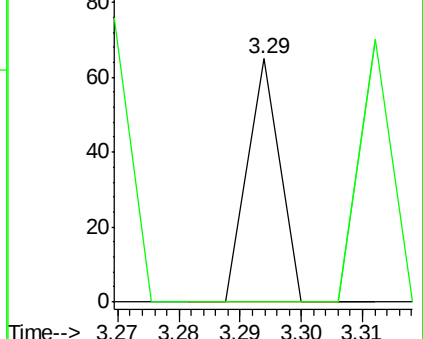
73 100

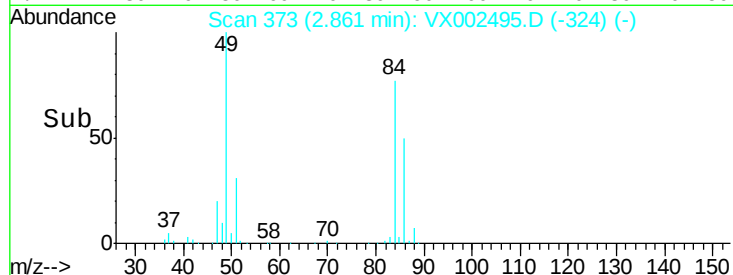
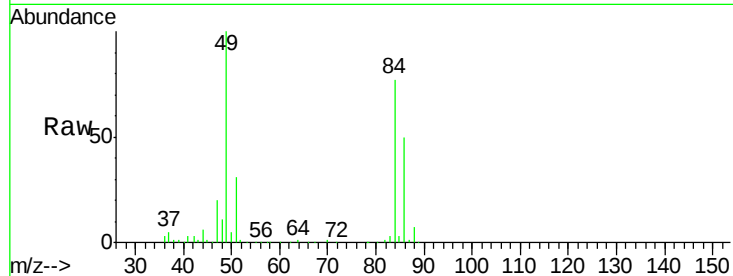
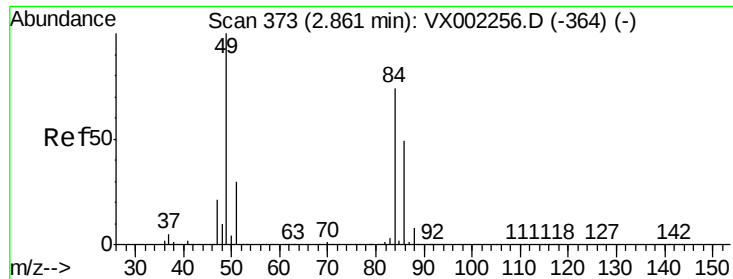
57 0.0 17.7 26.5#



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

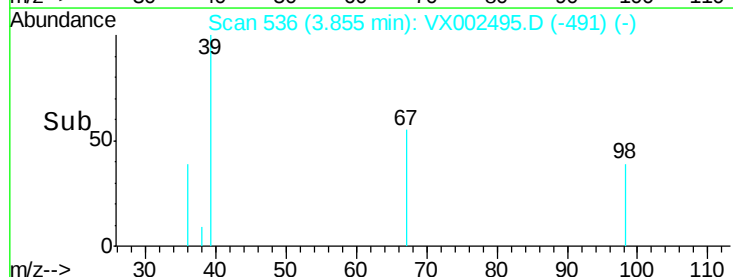
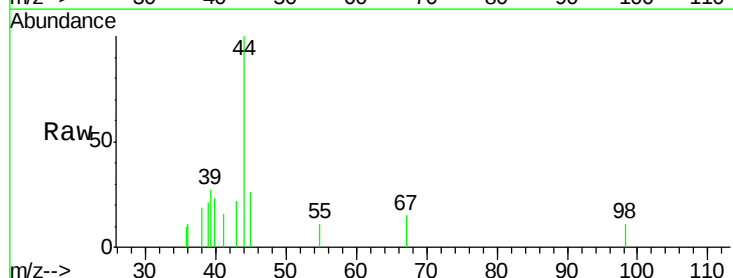
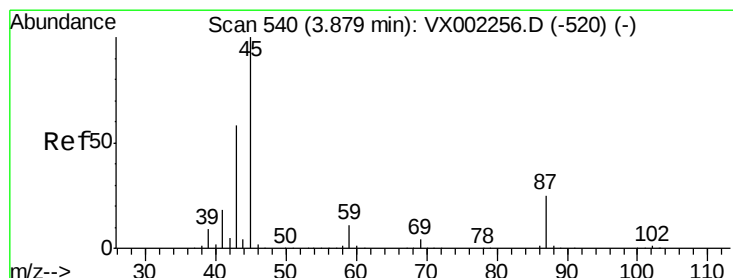
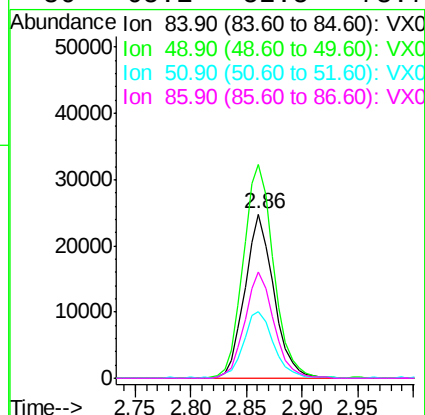




#20
Methvlene Chloride
Concen: 16.67 ua/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002495.D
Acq: 13 Jun 2018 04:51

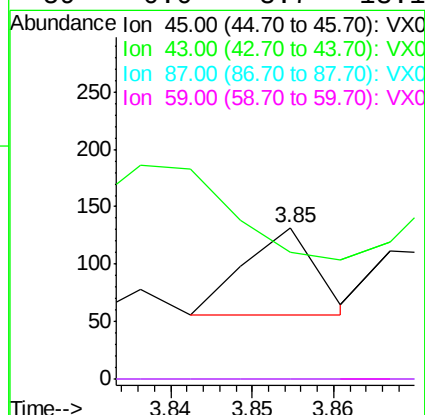
Instrument :
MSVOA_X
ClientSampleId :

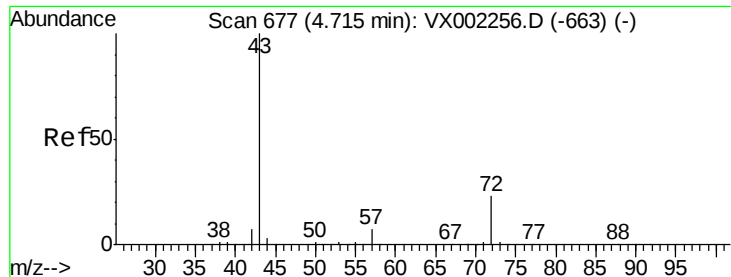
Tot Ion: 84 Resp: 44796
Ion Ratio Lower Upper
84 100
49 130.2 107.8 161.6
51 40.7 32.8 49.2
86 65.1 52.5 78.7



#22
Diisopropyl ether
Concen: Below Cal
RT: 3.85 min Scan# 536
Delta R.T. -0.02 min
Lab File: VX002495.D
Acq: 13 Jun 2018 04:51

Tgt Ion: 45 Resp: 46
Ion Ratio Lower Upper
45 100
43 7.9 46.8 70.2#
87 0.0 20.2 30.4#
59 0.0 8.7 13.1#





#25

2-Butanone

Concen: 2.19 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX002495.D

Acq: 13 Jun 2018 04:51

Instrument :

MSVOA_X

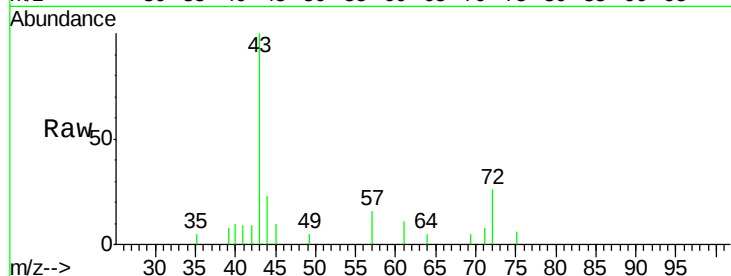
ClientSampled :

Tot Ion: 43 Resp: 4597

Ion Ratio Lower Upper

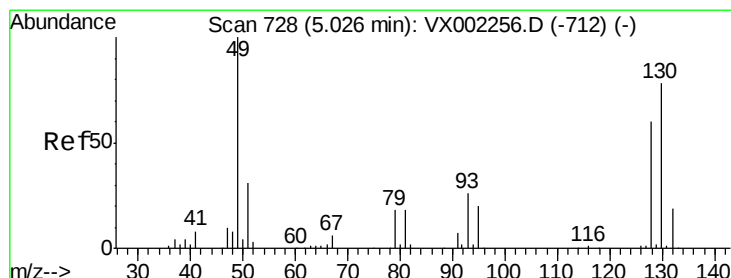
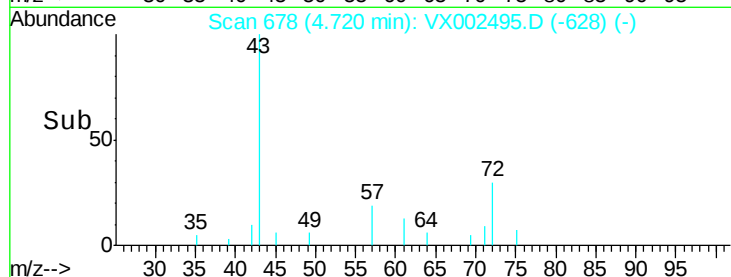
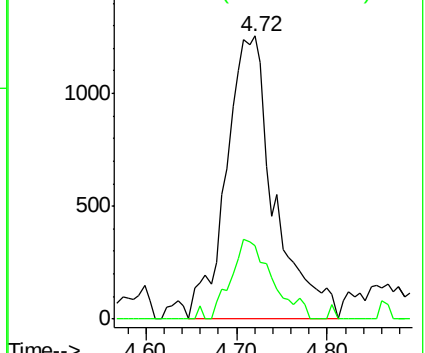
43 100

72 25.8 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#28

Bromochloromethane

Concen: Below Cal

RT: 5.03 min Scan# 729

Delta R.T. 0.01 min

Lab File: VX002495.D

Acq: 13 Jun 2018 04:51

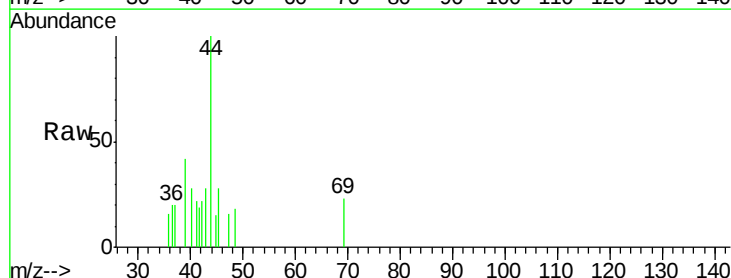
Tgt Ion: 49 Resp: 22

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

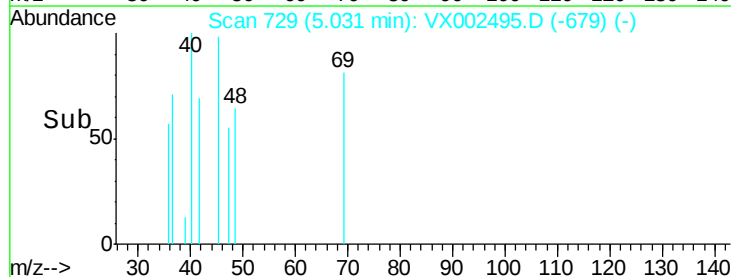
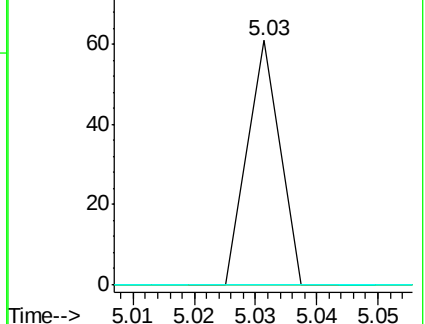
130 0.0 61.2 91.8#

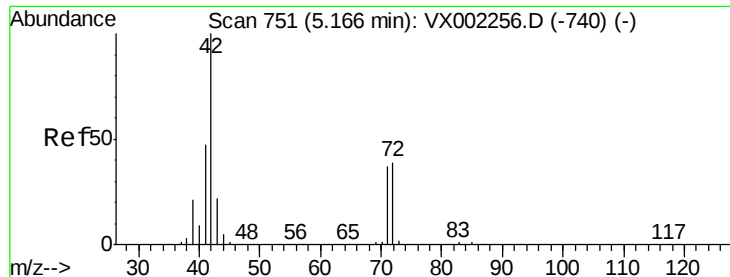


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

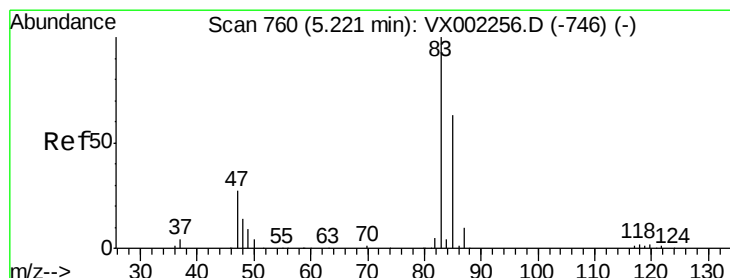
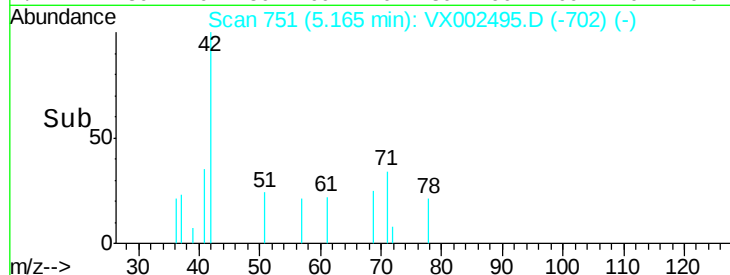
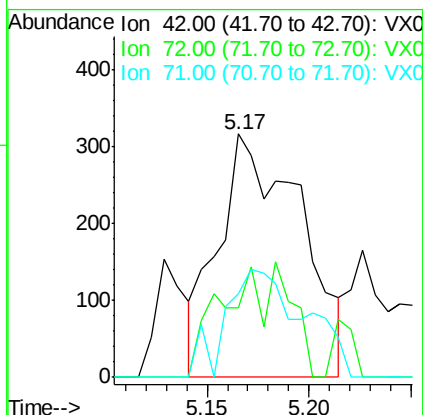
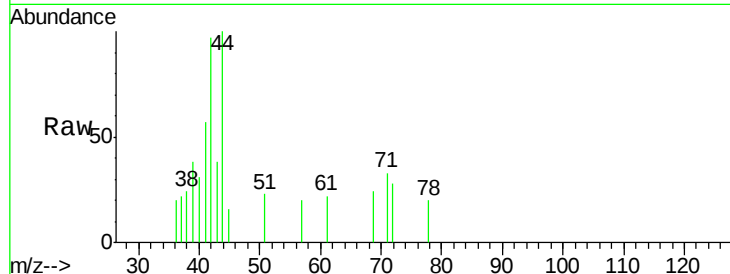




#29
Tetrahydrofuran
Concen: 0.66 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002495.D
Acq: 13 Jun 2018 04:51

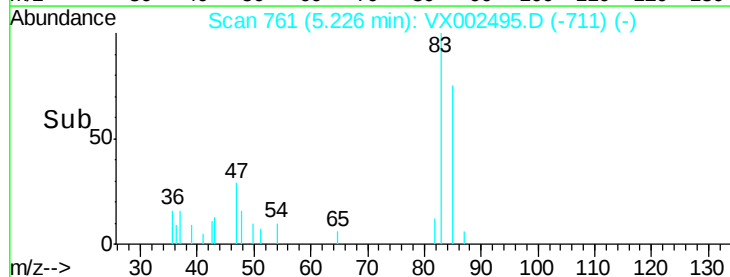
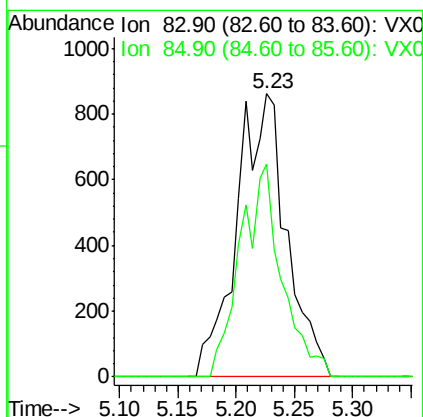
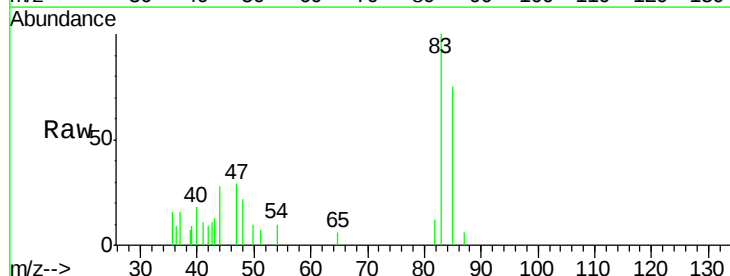
Instrument :
MSVOA_X
ClientSampled :

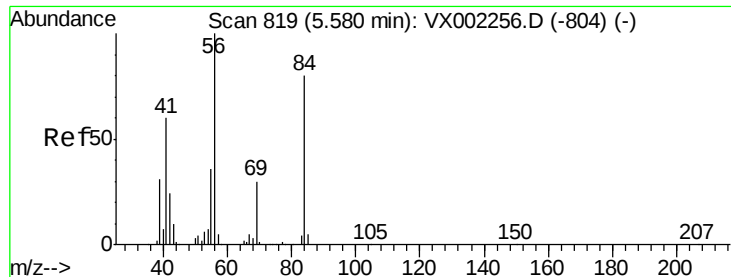
Tot Ion: 42 Resp: 892
Ion Ratio Lower Upper
42 100
72 23.4 32.0 48.0#
71 42.2 30.1 45.1



#30
Chloroform
Concen: 0.54 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX002495.D
Acq: 13 Jun 2018 04:51

Tgt Ion: 83 Resp: 2562
Ion Ratio Lower Upper
83 100
85 75.1 50.4 75.6

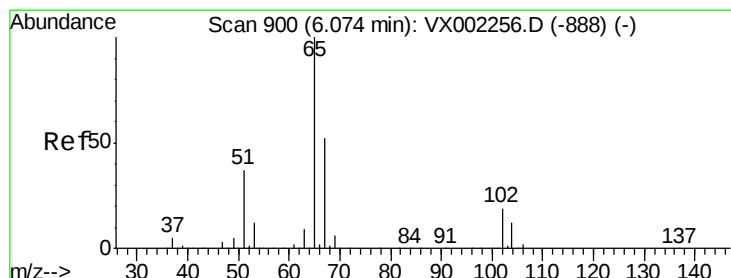
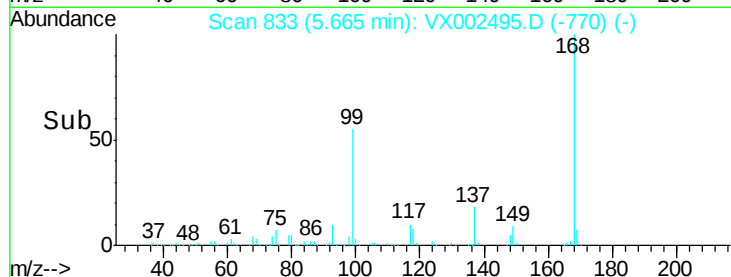
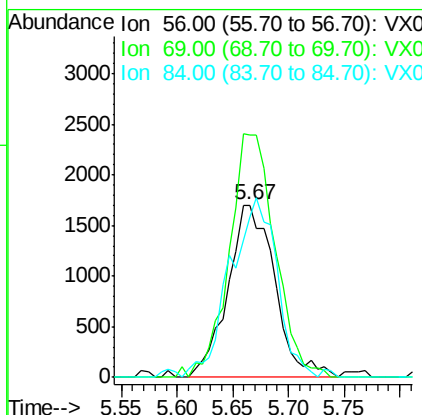
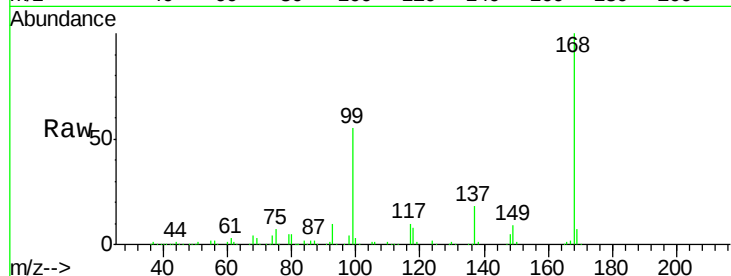




#31
Cyclohexane
Concen: 1.29 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX002495.D
Acq: 13 Jun 2018 04:51

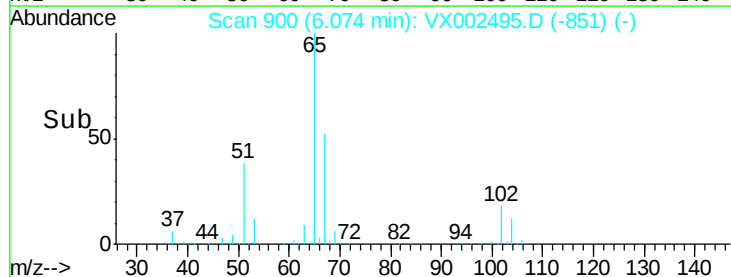
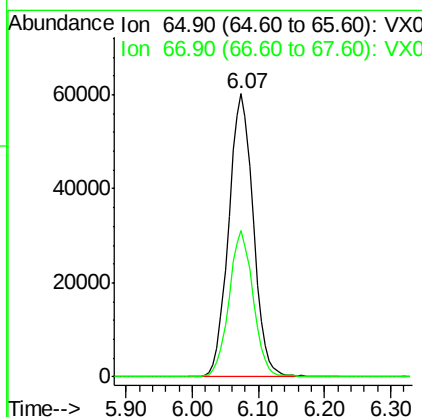
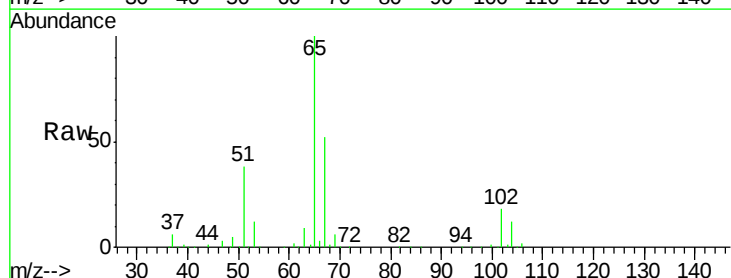
Instrument :
MSVOA_X
ClientSampled :

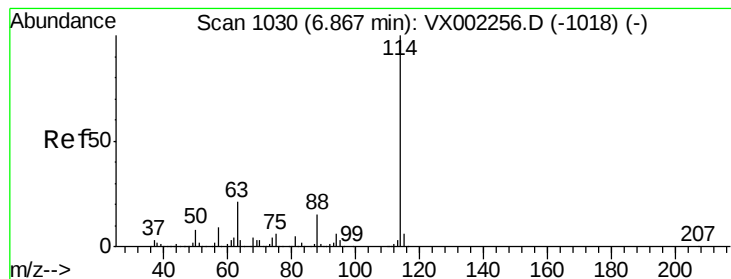
Tot Ion: 56 Resp: 5003
Ion Ratio Lower Upper
56 100
69 140.6 23.7 35.5#
84 93.3 64.1 96.1



#33
1,2-Dichloroethane-d4
Concen: 50.83 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002495.D
Acq: 13 Jun 2018 04:51

Tgt Ion: 65 Resp: 155382
Ion Ratio Lower Upper
65 100
67 50.7 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002495.D

Acq: 13 Jun 2018 04:51

Instrument :

MSVOA_X

ClientSampleId :

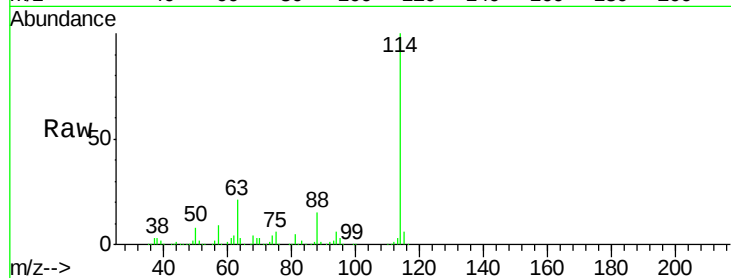
Tot Ion:114 Resp: 316849

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

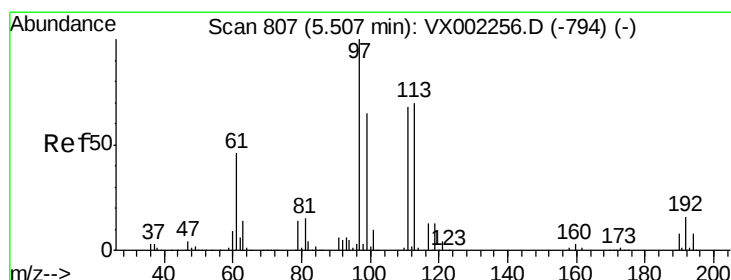
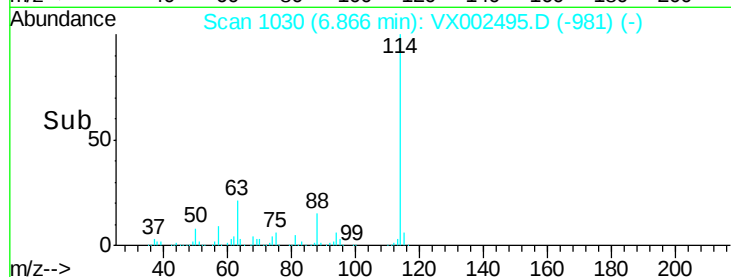
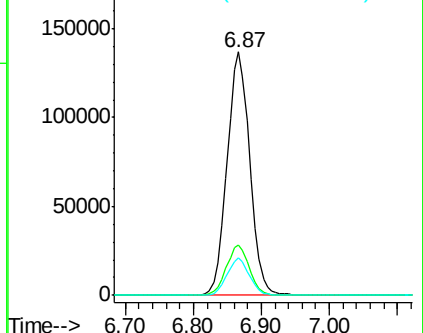
88 15.4 0.0 30.0



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: 46.46 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002495.D

Acq: 13 Jun 2018 04:51

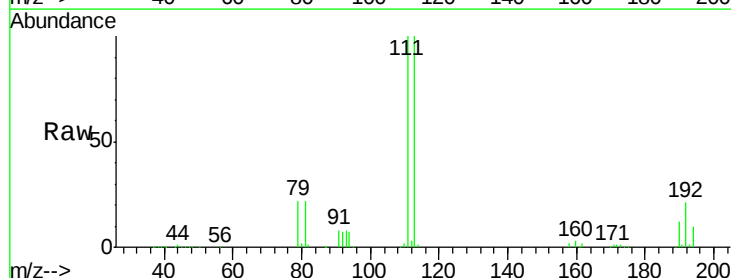
Tgt Ion:113 Resp: 115757

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

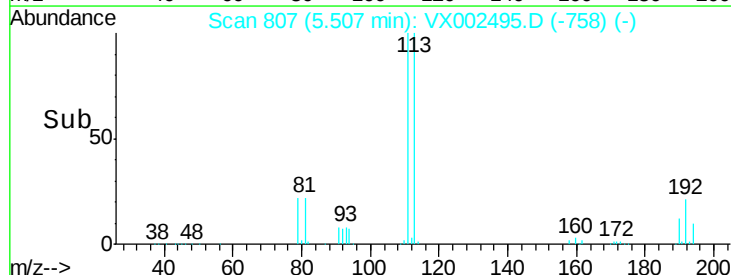
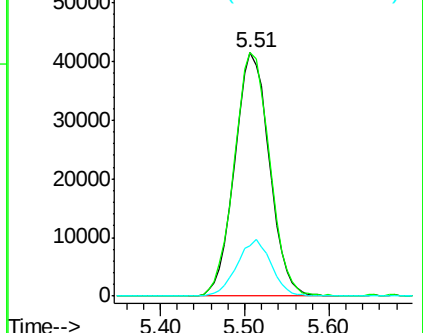
192 23.0 19.1 28.7

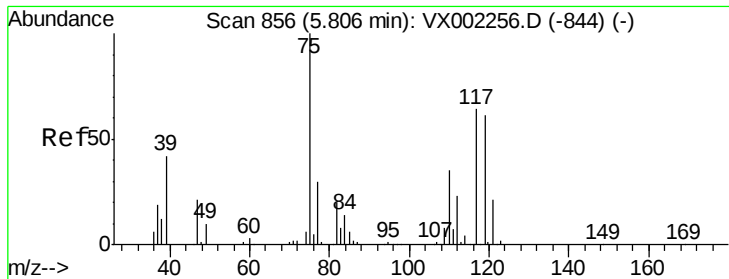


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

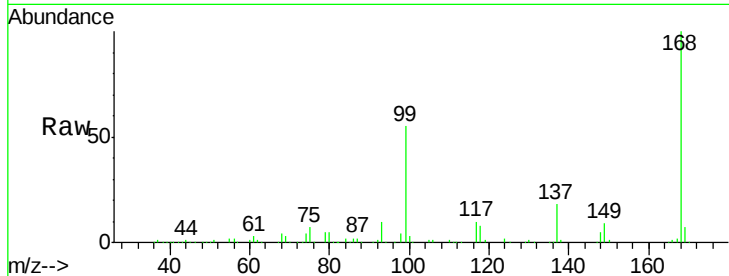




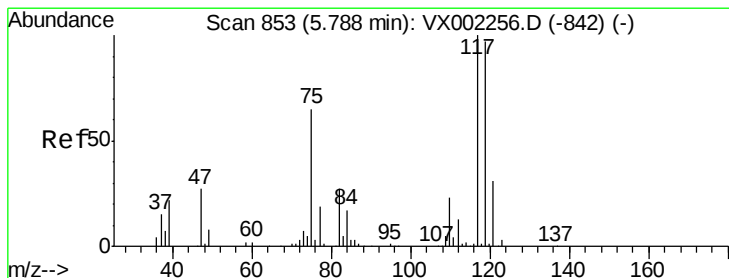
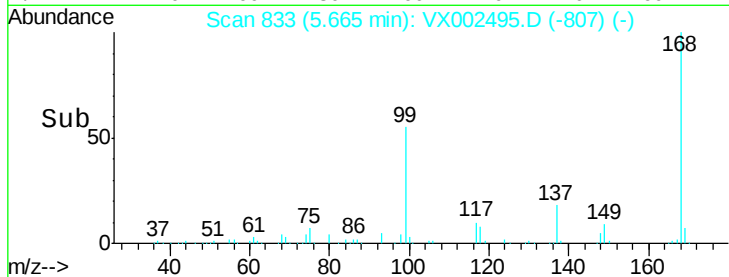
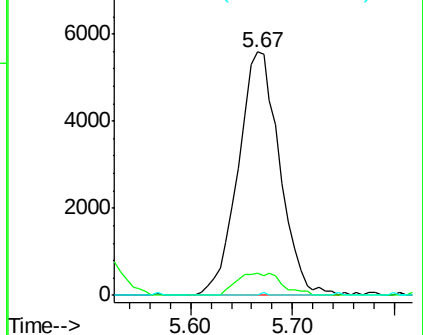
#36
 1,1-Dichloropropene
 Concen: 4.73 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX002495.D
 Acq: 13 Jun 2018 04:51

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	75	Resp	15748
Ion Ratio	100	Lower	Upper
75	100		
110	9.9	18.1	54.4#
77	0.2	24.3	36.5#

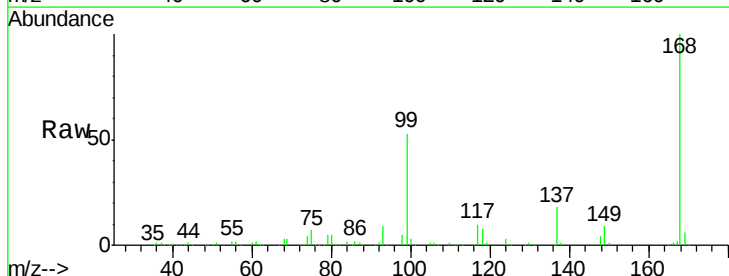


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

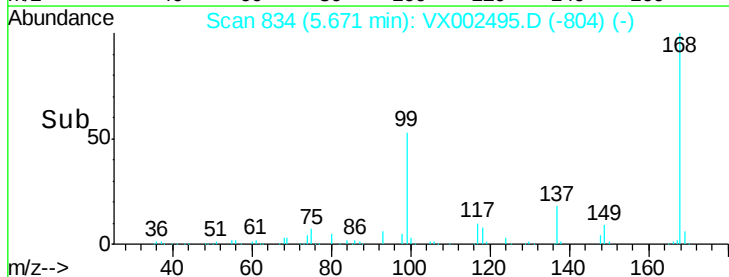
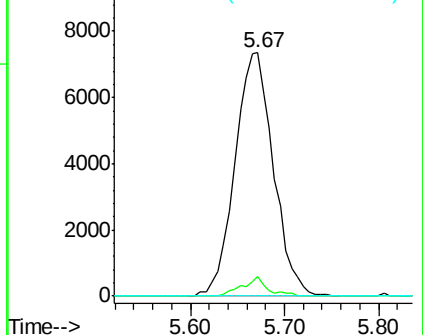


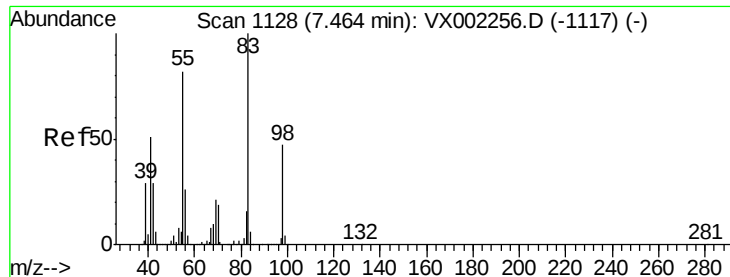
#38
 Carbon Tetrachloride
 Concen: 6.00 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX002495.D
 Acq: 13 Jun 2018 04:51

Tgt Ion	117	Resp	20903
Ion Ratio	100	Lower	Upper
117	100		
119	8.0	77.4	116.0#
121	0.0	24.4	36.6#



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





#39

Methylcyclohexane

Concen: 0.27 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX002495.D

Acq: 13 Jun 2018 04:51

Instrument :

MSVOA_X

ClientSampled :

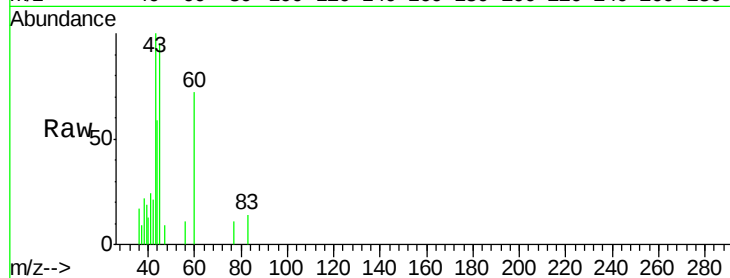
Tot Ion: 83 Resp: 30

Ion Ratio Lower Upper

83 100

55 0.0 65.4 98.0#

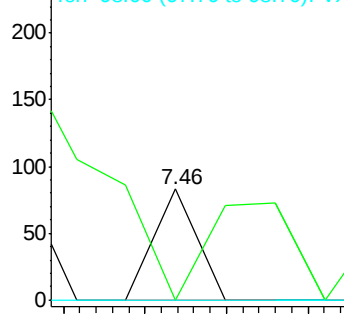
98 0.0 37.4 56.0#



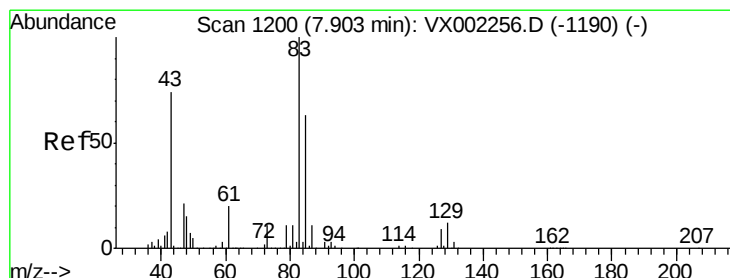
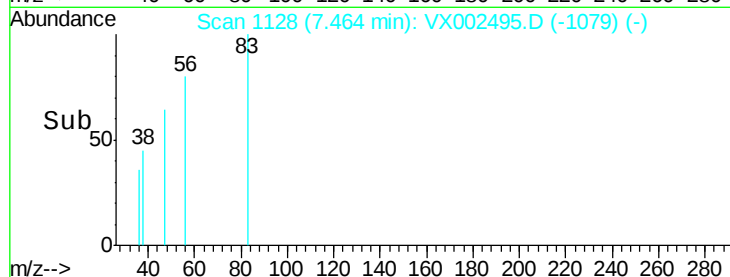
Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



Time-->



#47

Bromodichloromethane

Concen: 0.26 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002495.D

Acq: 13 Jun 2018 04:51

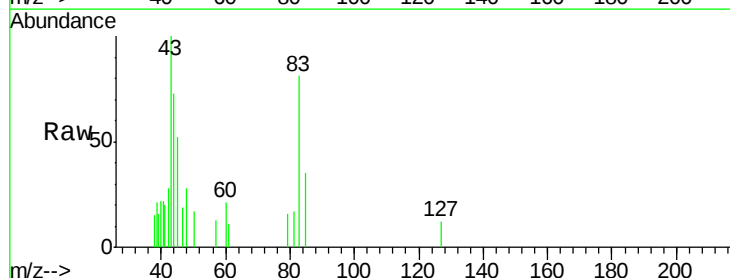
Tgt Ion: 83 Resp: 891

Ion Ratio Lower Upper

83 100

85 43.0 50.3 75.5#

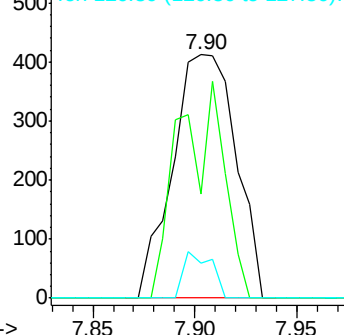
127 14.3 7.0 10.4#



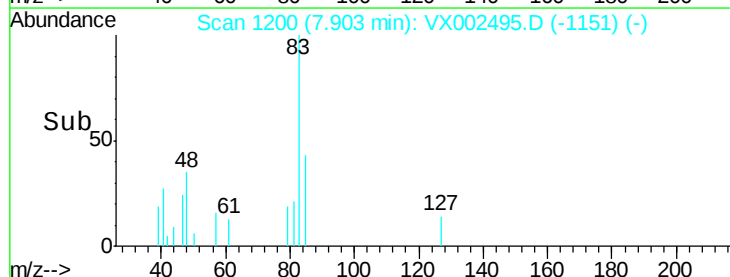
Abundance Ion 82.90 (82.60 to 83.60): VX0

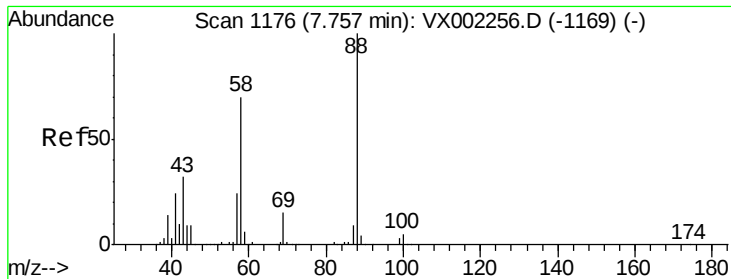
Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



Time-->





#49

1,4-Dioxane

Concen: 0.31 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.09 min

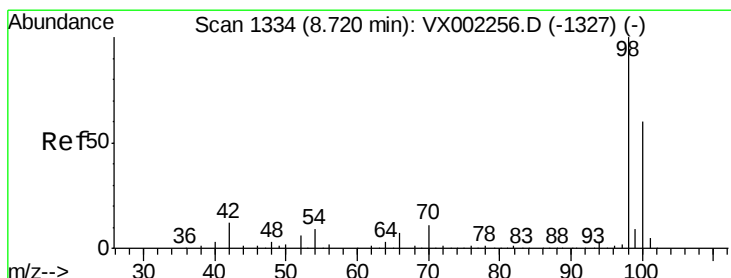
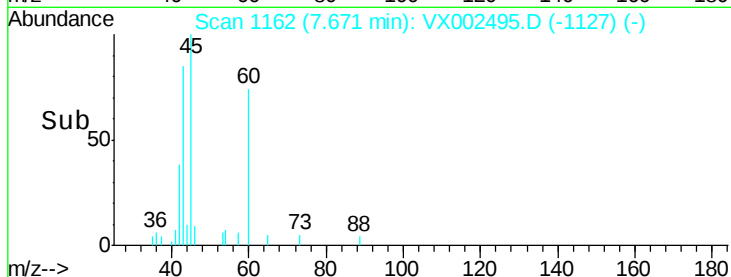
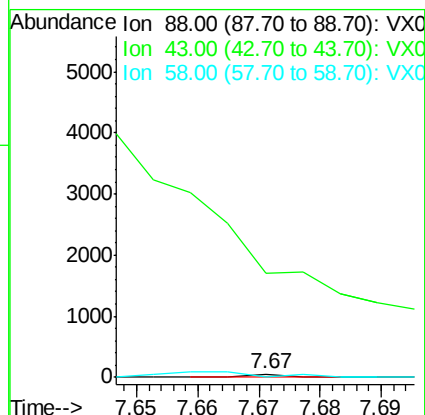
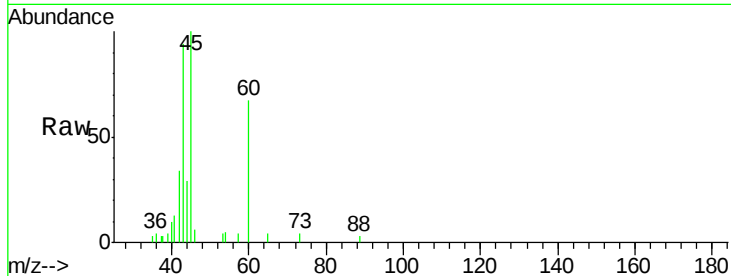
Lab File: VX002495.D

Acq: 13 Jun 2018 04:51

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 20

Ion	Ratio	Lower	Upper
88	100		
43	0.0	29.8	44.6#
58	635.0	57.1	85.7#



#50

Toluene-d8

Concen: 48.16 ug/l

RT: 8.72 min Scan# 1334

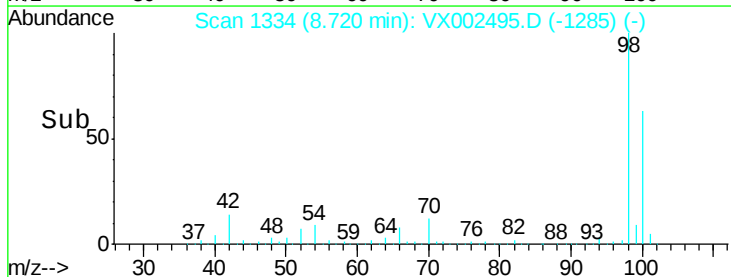
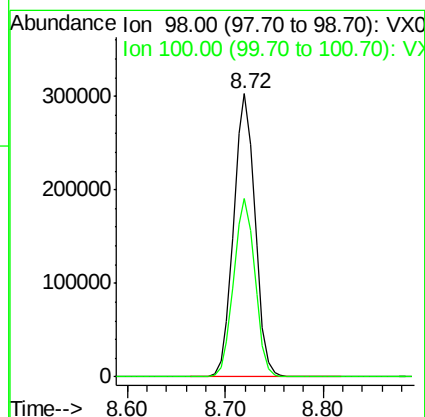
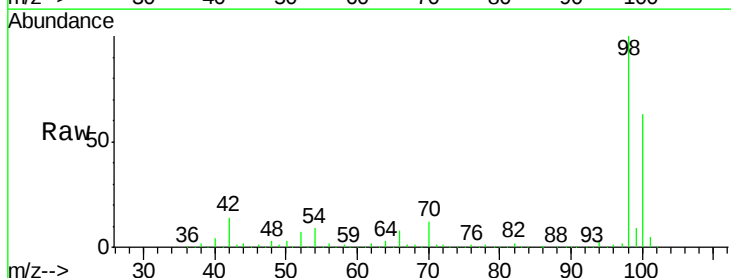
Delta R.T. -0.00 min

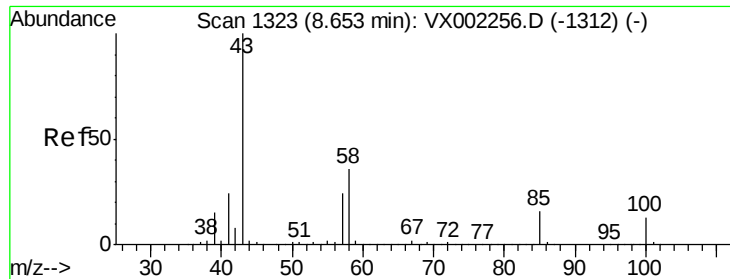
Lab File: VX002495.D

Acq: 13 Jun 2018 04:51

Tgt Ion: 98 Resp: 459995

Ion	Ratio	Lower	Upper
98	100		
100	62.9	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 0.46 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002495.D

Acq: 13 Jun 2018 04:51

Instrument :

MSVOA_X

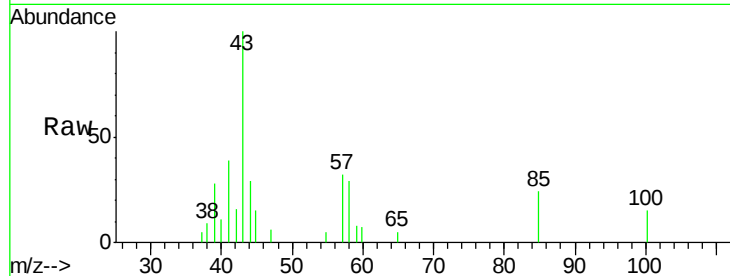
ClientSampleId :

Tot Ion: 43 Resp: 1958

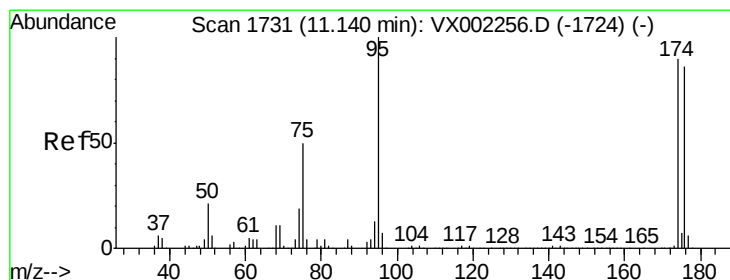
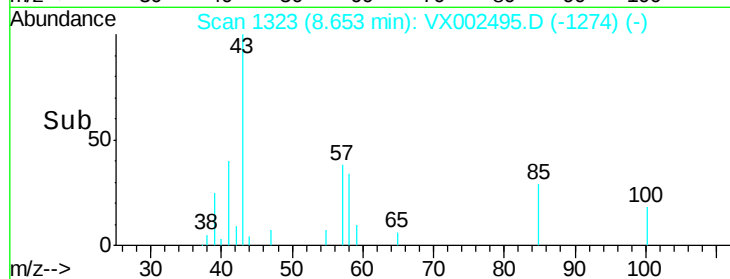
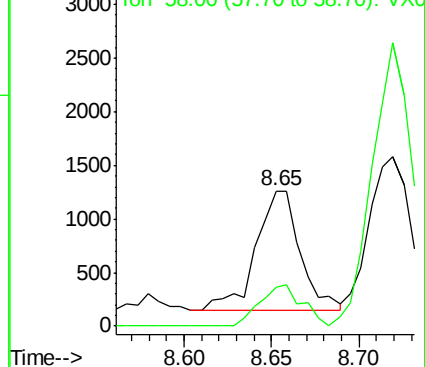
Ion Ratio Lower Upper

43 100

58 33.5 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX002256.D (-1312) (-)



#62

4-Bromofluorobenzene

Concen: 44.62 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002495.D

Acq: 13 Jun 2018 04:51

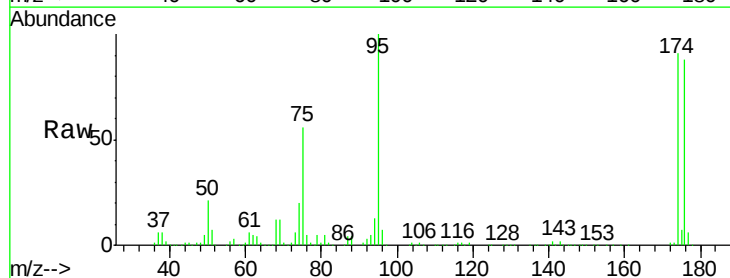
Tgt Ion: 95 Resp: 164332

Ion Ratio Lower Upper

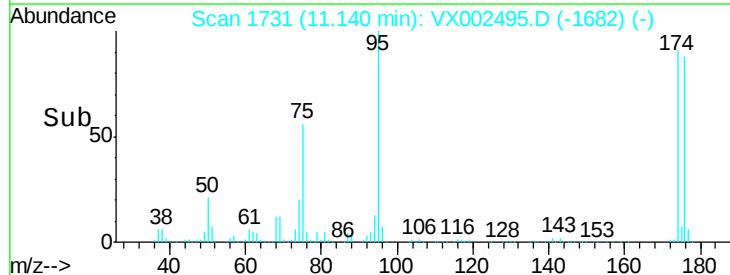
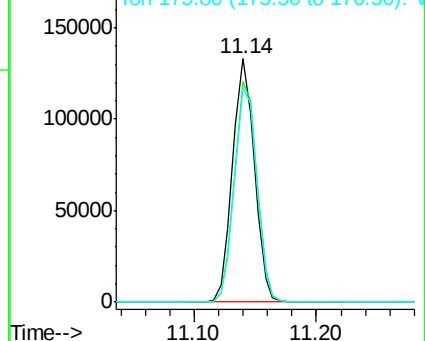
95 100

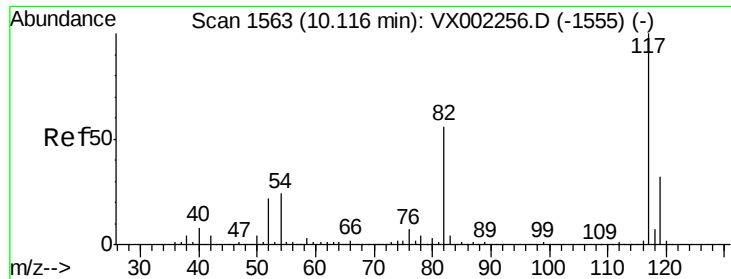
174 93.1 0.0 187.4

176 90.2 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002256.D (-1724) (-)

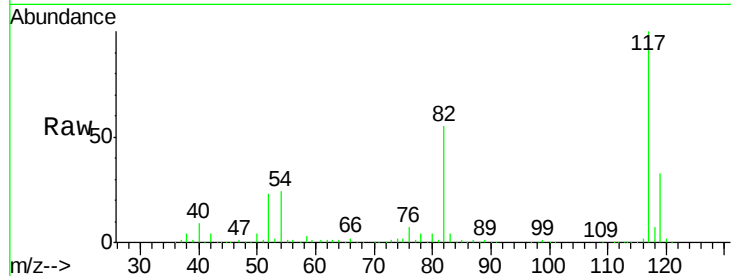




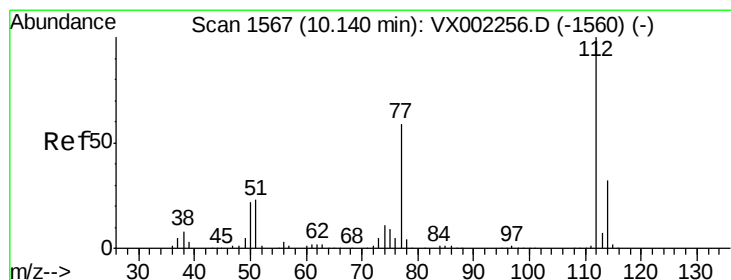
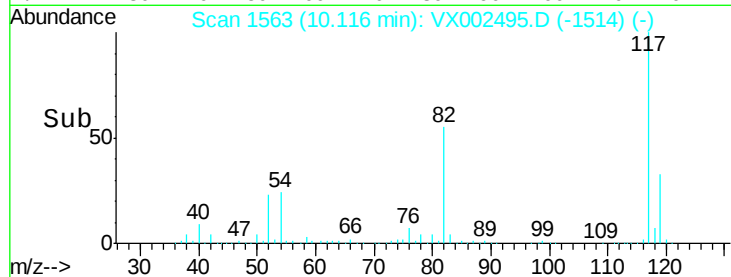
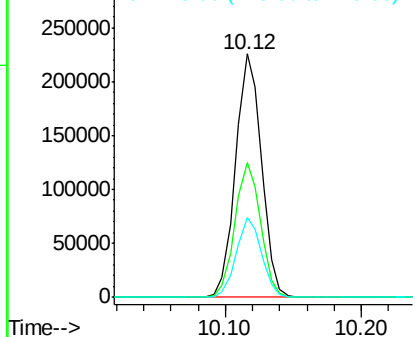
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002495.D
Acq: 13 Jun 2018 04:51

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 298343
Ion Ratio Lower Upper
117 100
82 55.3 45.0 67.4
119 32.6 25.8 38.6

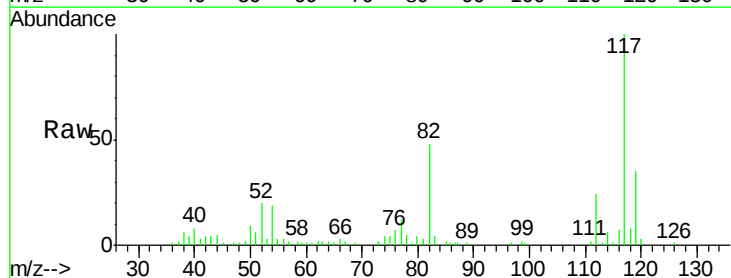


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

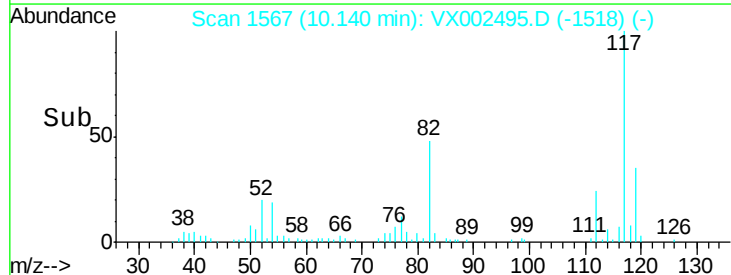
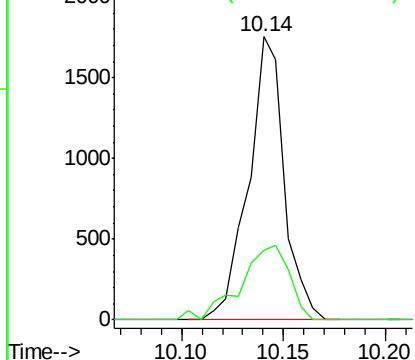


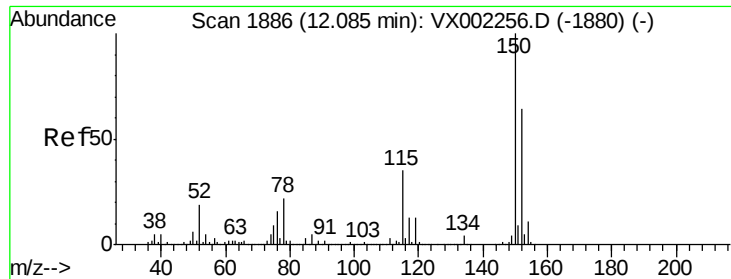
#65
Chlorobenzene
Concen: 0.29 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002495.D
Acq: 13 Jun 2018 04:51

Tgt Ion:112 Resp: 2136
Ion Ratio Lower Upper
112 100
114 24.5 25.3 37.9#



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): 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: VX002495.D

Acq: 13 Jun 2018 04:51

Instrument :

MSVOA_X

ClientSampleId :

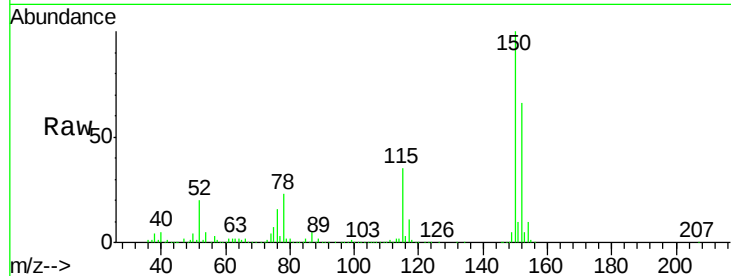
Tot Ion:152 Resp: 173914

Ion Ratio Lower Upper

152 100

115 55.1 40.1 120.2

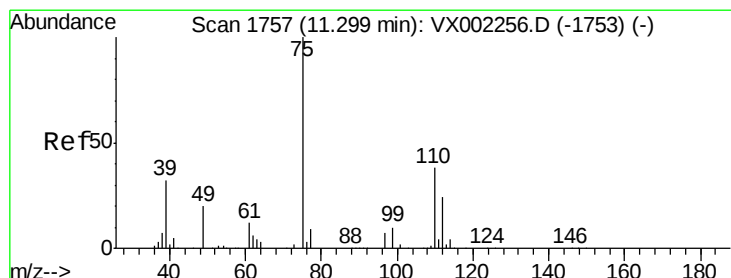
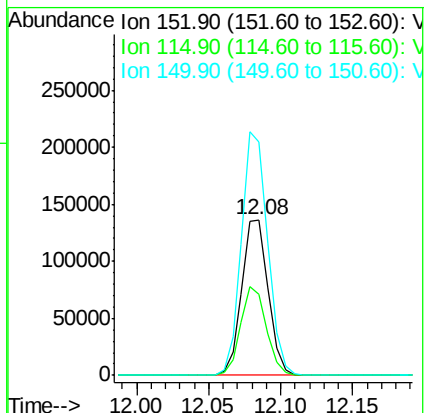
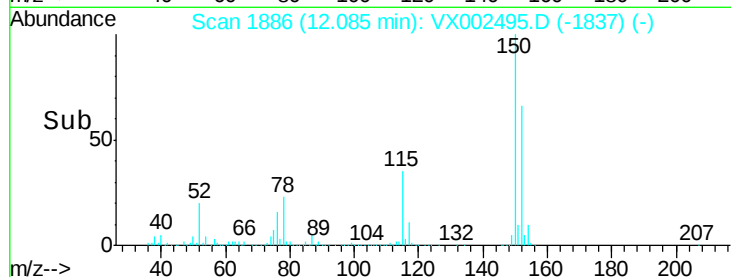
150 155.0 0.0 347.2



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: 23.80 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002495.D

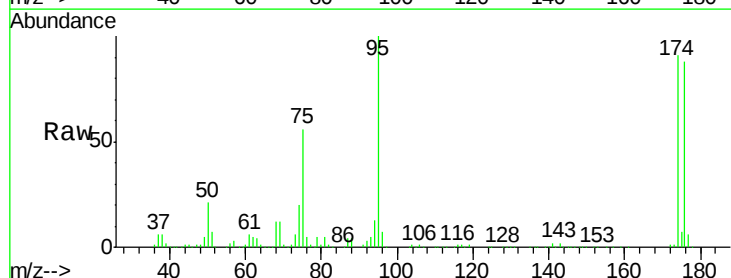
Acq: 13 Jun 2018 04:51

Tgt Ion: 75 Resp: 90842

Ion Ratio Lower Upper

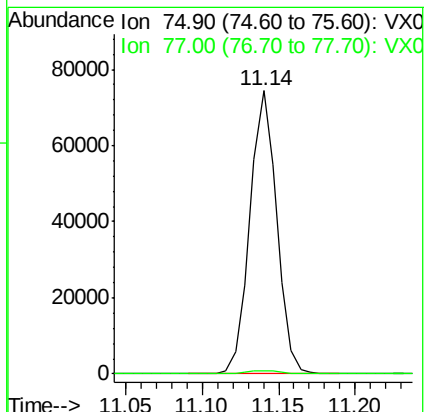
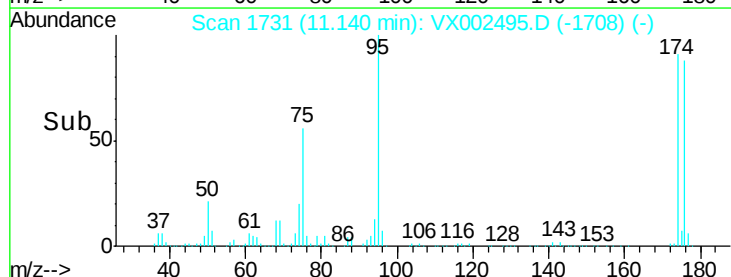
75 100

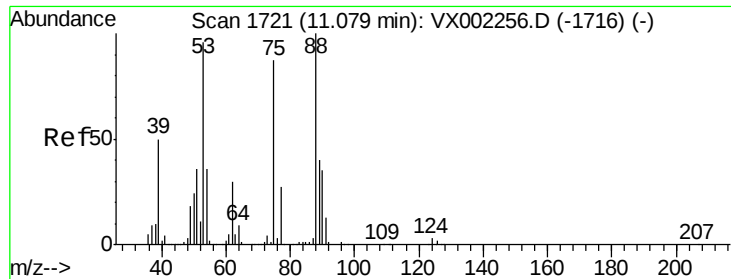
77 1.3 22.8 68.3#



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: 83.44 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002495.D

Acq: 13 Jun 2018 04:51

Instrument :

MSVOA_X

ClientSampleId :

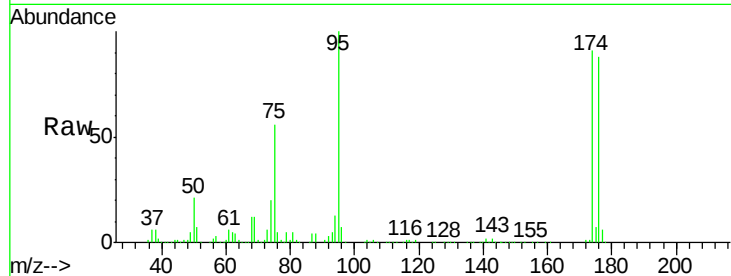
Tot Ion: 75 Resp: 90842

Ion Ratio Lower Upper

75 100

53 0.0 86.8 130.2#

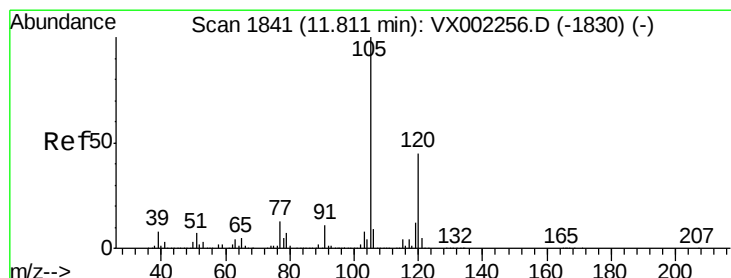
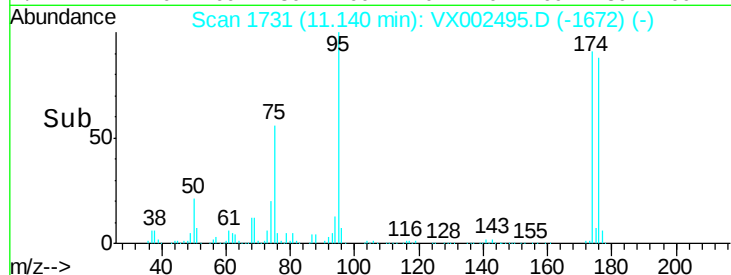
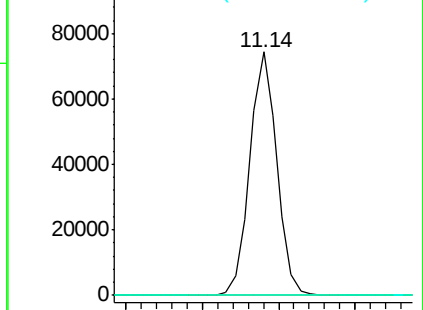
89 0.1 38.2 57.2#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.26 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002495.D

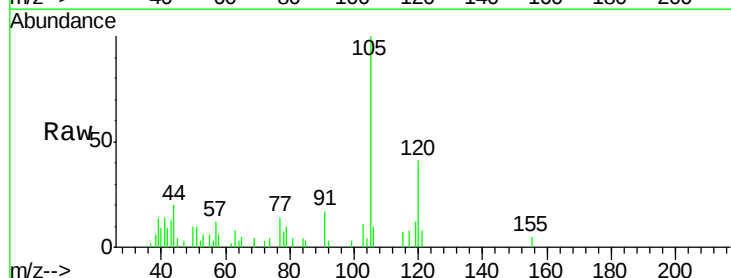
Acq: 13 Jun 2018 04:51

Tgt Ion:105 Resp: 2743

Ion Ratio Lower Upper

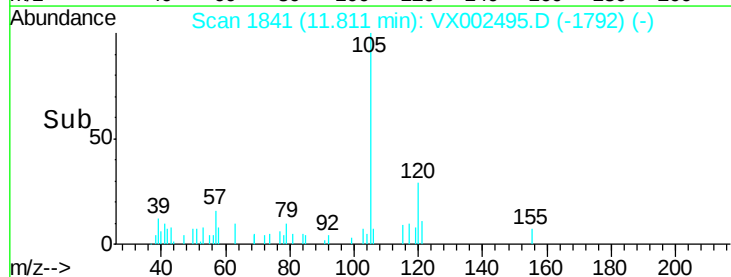
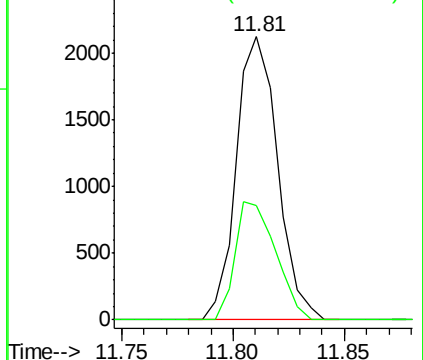
105 100

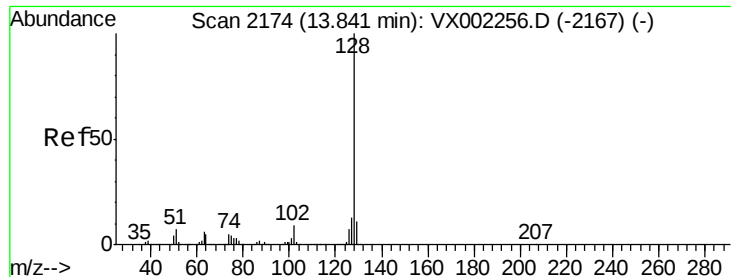
120 40.9 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

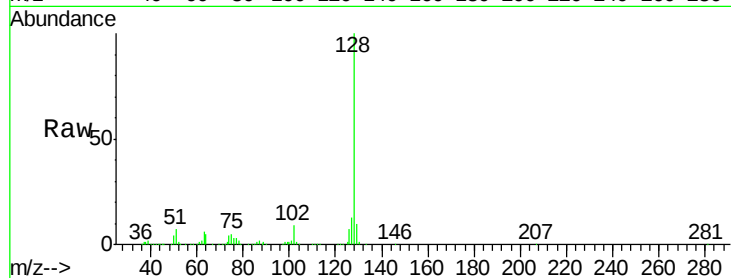




#95
Naphthalene
Concen: 6.99 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002495.D
Acq: 13 Jun 2018 04:51

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.7	8.6	13.0



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

