

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061218\
 Data File : VX002494.D
 Acq On : 13 Jun 2018 04:24
 Operator : JC/MD
 Sample : J2979-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 13 07:20:03 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	214957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	317141	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	302072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	178754	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	155842	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.50%		
35) Dibromofluoromethane	5.51	113	116414	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.36%		
50) Toluene-d8	8.72	98	465457	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.38%		
62) 4-Bromofluorobenzene	11.14	95	165237	44.83	ug/l	0.00
Spiked Amount 50.000			Recovery =	89.66%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	331	Below Cal	#	70
5) Bromomethane	1.65	94	988	Below Cal		97
8) Diethyl Ether	2.18	74	297	Below Cal		87
10) Methyl Iodide	2.53	142	729	0.22	ug/l	# 91
11) Tert butyl alcohol	3.06	59	620	Below Cal	#	73
13) Acrolein	2.29	56	222	Below Cal	#	59
14) Allyl chloride	2.86	41	29605	5.96	ug/l	# 25
15) Acrylonitrile	3.14	53	93	Below Cal	#	1
16) Acetone	2.45	43	21423	Below Cal		99
18) Methyl Acetate	2.78	43	20988	4.35	ug/l	99
19) Methyl tert-butyl Ether	3.23	73	42	Below Cal	#	1
20) Methylene Chloride	2.86	84	751933	324.55	ug/l	100
22) Diisopropyl ether	3.91	45	93	Below Cal	#	51
25) 2-Butanone	4.73	43	3469	1.65	ug/l	96
28) Bromochloromethane	5.03	49	246	Below Cal	#	31
29) Tetrahydrofuran	5.17	42	309	0.23	ug/l	# 63
30) Chloroform	5.22	83	3641	0.77	ug/l	87
36) 1,1-Dichloropropene	5.67	75	15430	4.63	ug/l	# 51
38) Carbon Tetrachloride	5.67	117	20341	5.83	ug/l	# 15
39) Methylcyclohexane	7.47	83	255	0.32	ug/l	# 41
44) Trichloroethene	7.21	130	981	0.35	ug/l	79
47) Bromodichloromethane	7.90	83	910	0.27	ug/l	# 96
51) 4-Methyl-2-Pentanone	8.65	43	1746	0.41	ug/l	93
52) Toluene	8.79	92	7457	1.15	ug/l	95
64) Tetrachloroethene	9.34	164	634	0.20	ug/l	85
65) Chlorobenzene	10.14	112	2413	0.32	ug/l	# 87
67) Ethyl Benzene	10.26	91	17199	1.37	ug/l	99
68) m/p-Xylenes	10.36	106	14395	2.94	ug/l	95
69) o-Xylene	10.70	106	6700	1.38	ug/l	95
70) Styrene	10.72	104	8061	1.01	ug/l	91
73) Isopropylbenzene	11.02	105	4127	0.33	ug/l	99
76) 1,2,3-Trichloropropane	11.14	75	91741	23.39	ug/l	# 32
78) n-propylbenzene	11.37	91	8388	0.61	ug/l	99
79) 2-Chlorotoluene	11.44	91	4826	0.55	ug/l	# 50

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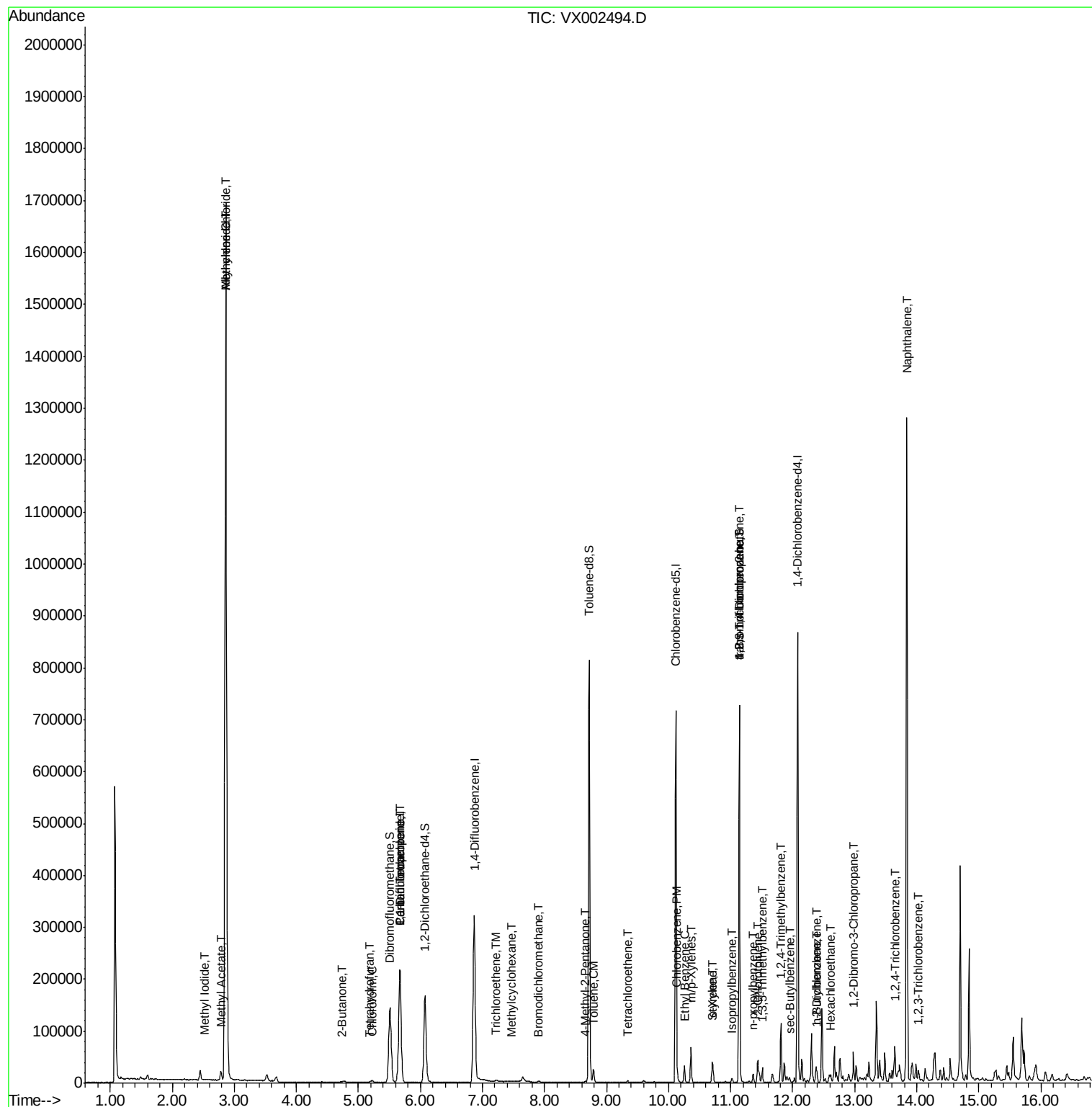
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.51	105	11429	1.07	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.14	75	91741	81.99	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.81	105	45339	4.13	ug/l	98
85) sec-Butylbenzene	11.95	105	4811	0.40	ug/l	92
89) n-Butylbenzene	12.39	91	5673	0.61	ug/l #	49
90) Hexachloroethane	12.61	117	1562	0.88	ug/l #	1
91) 1,2-Dichlorobenzene	12.40	146	1475	0.23	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.98	75	330	0.39	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	9248	2.04	ug/l #	93
95) Naphthalene	13.84	128	768897	59.10	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	1824	0.39	ug/l #	55

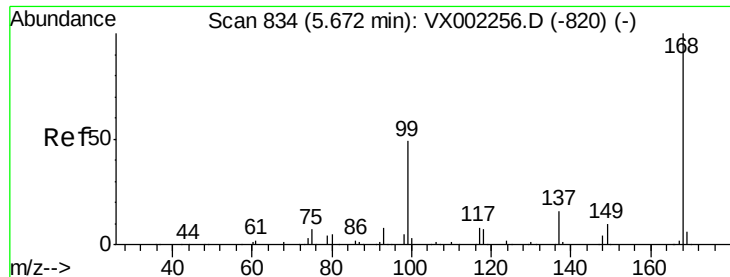
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002494.D

Acq: 13 Jun 2018 04:24

Instrument :

MSVOA_X

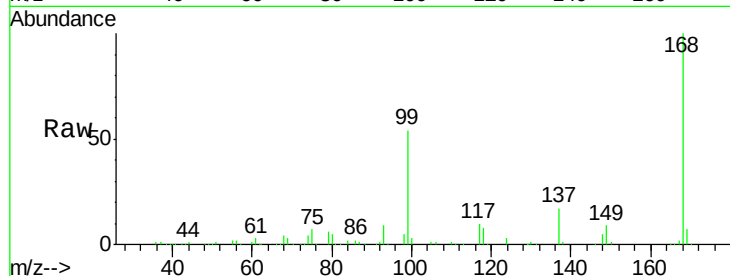
ClientSampleId :

Tot Ion:168 Resp: 214957

Ion Ratio Lower Upper

168 100

99 53.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

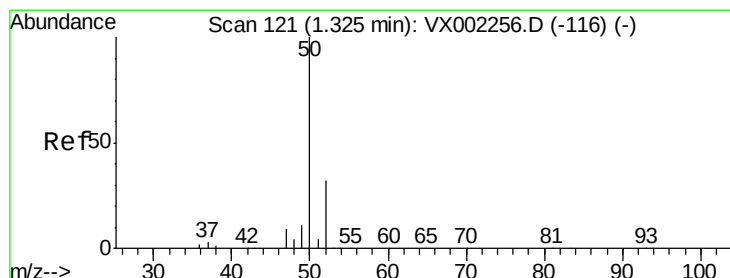
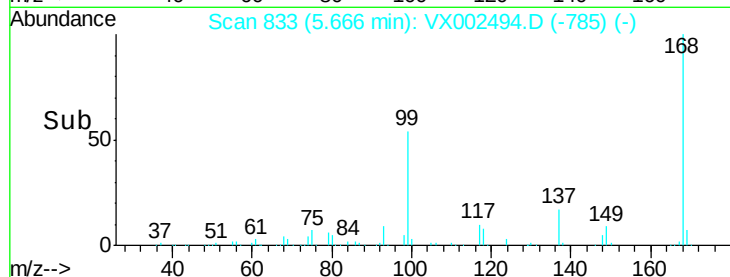
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002494.D

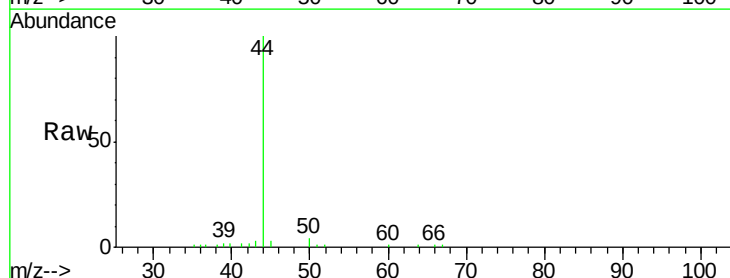
Acq: 13 Jun 2018 04:24

Tgt Ion: 50 Resp: 331

Ion Ratio Lower Upper

50 100

52 15.4 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

300

250

200

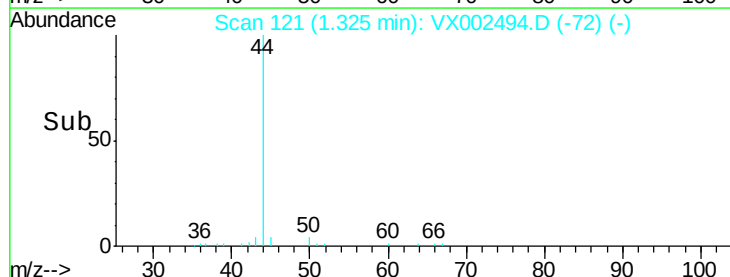
150

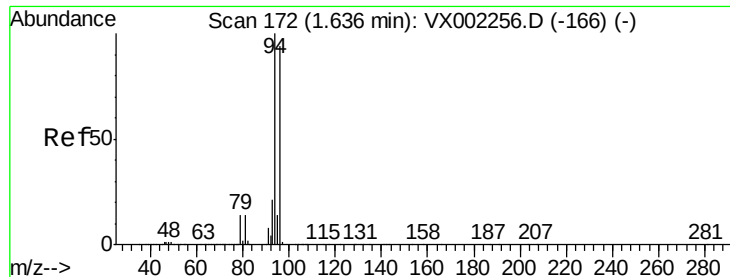
100

50

0

Time--> 1.28 1.30 1.32 1.34





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX002494.D

Acq: 13 Jun 2018 04:24

Instrument :

MSVOA_X

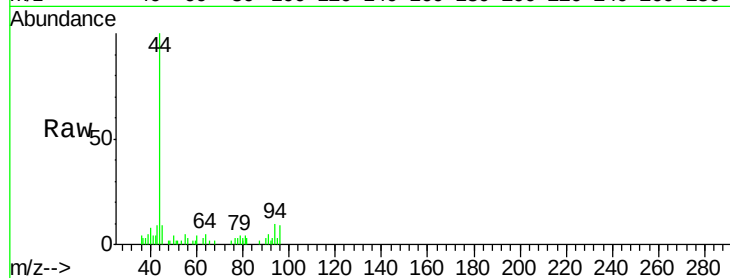
ClientSampleId :

Tot Ion: 94 Resp: 988

Ion Ratio Lower Upper

94 100

96 90.7 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

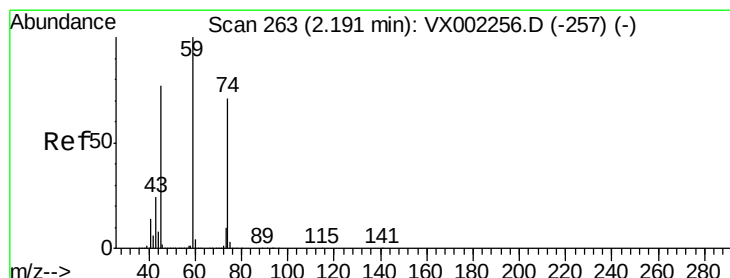
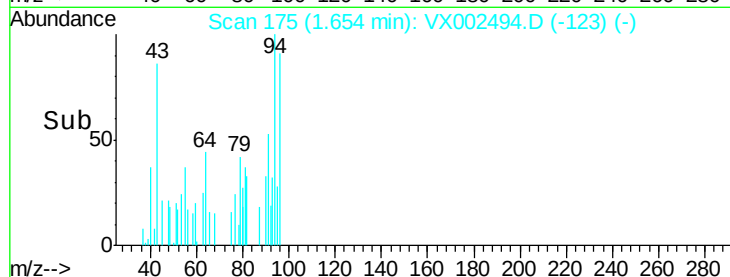
300

200

100

0

Time-->



#8

Diethyl Ether

Concen: Below Cal

RT: 2.18 min Scan# 262

Delta R.T. -0.01 min

Lab File: VX002494.D

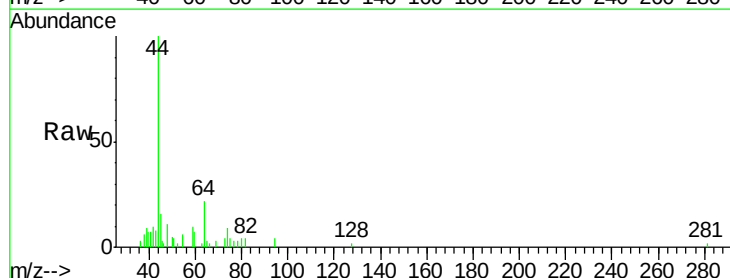
Acq: 13 Jun 2018 04:24

Tgt Ion: 74 Resp: 297

Ion Ratio Lower Upper

74 100

45 119.9 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.18

400

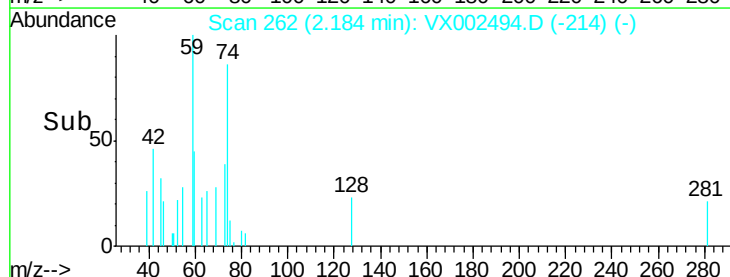
300

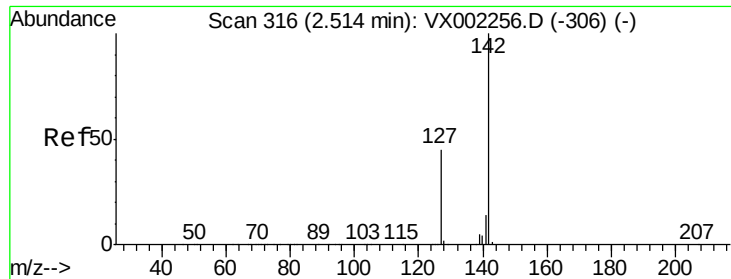
200

100

0

Time-->

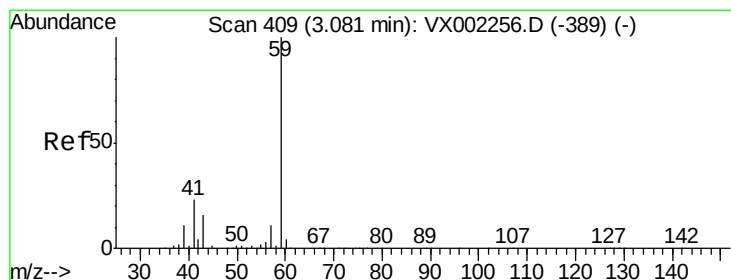
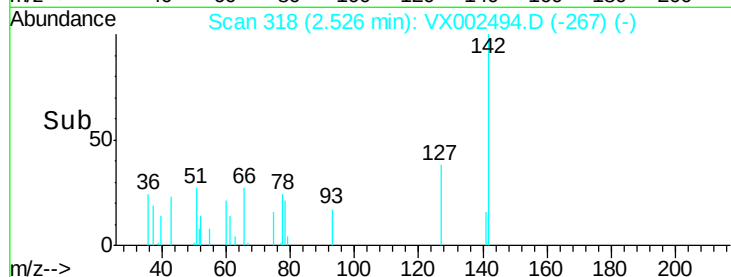
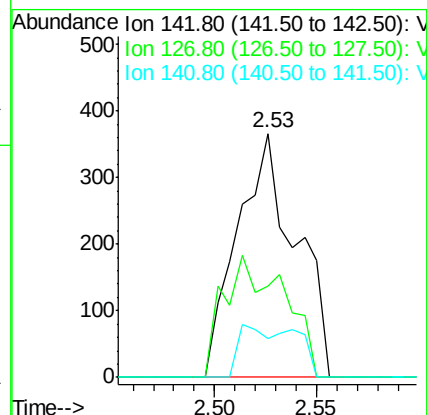
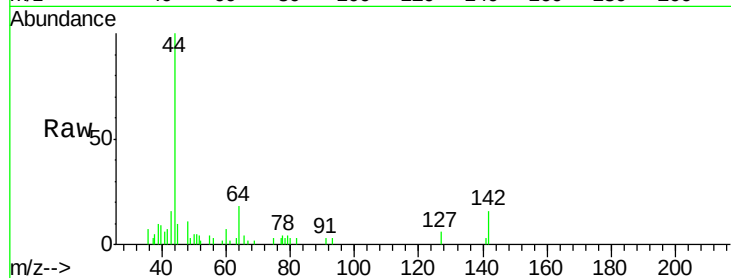




#10
Methyl Iodide
Concen: 0.22 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX002494.D
Acq: 13 Jun 2018 04:24

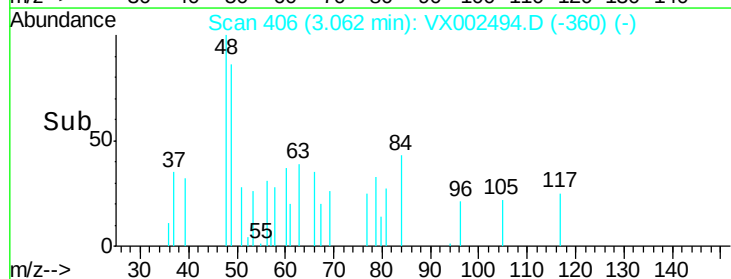
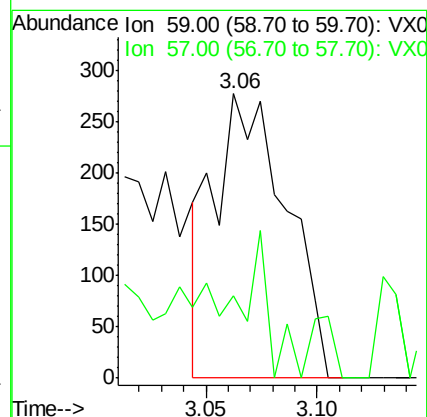
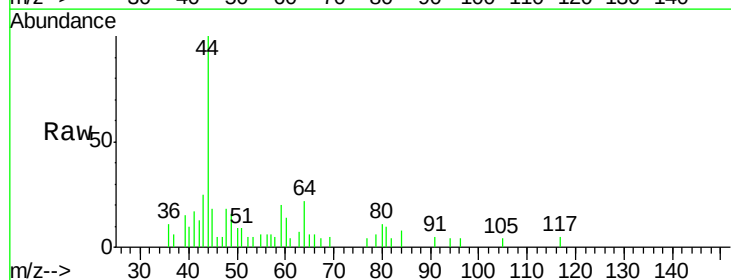
Instrument :
MSVOA_X
ClientSampled :

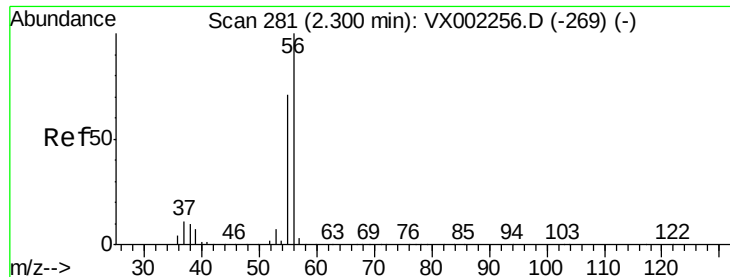
Tot Ion:142 Resp: 729
Ion Ratio Lower Upper
142 100
127 52.1 36.6 55.0
141 10.6 11.3 16.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX002494.D
Acq: 13 Jun 2018 04:24

Tgt Ion: 59 Resp: 620
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#13

Acrolein

Concen: Below Cal

RT: 2.29 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX002494.D

Acq: 13 Jun 2018 04:24

Instrument :

MSVOA_X

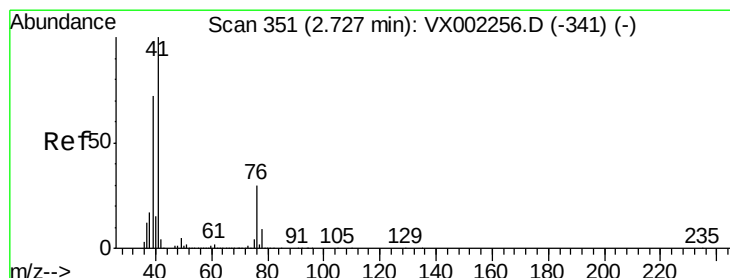
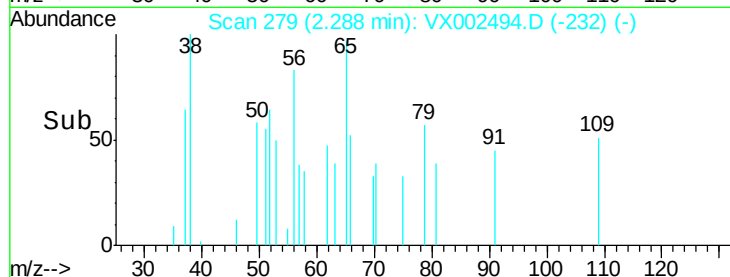
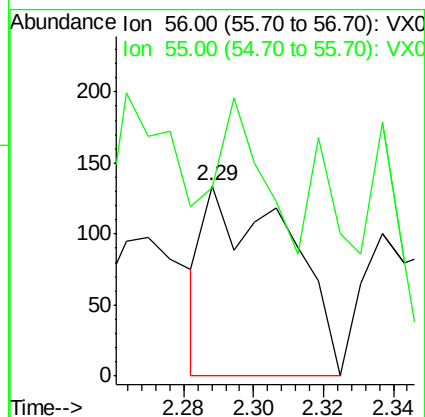
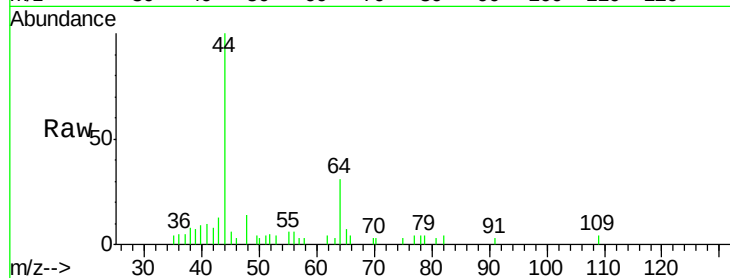
ClientSampled :

Tot Ion: 56 Resp: 222

Ion Ratio Lower Upper

56 100

55 37.4 57.0 85.4#



#14

Allyl chloride

Concen: 5.96 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.13 min

Lab File: VX002494.D

Acq: 13 Jun 2018 04:24

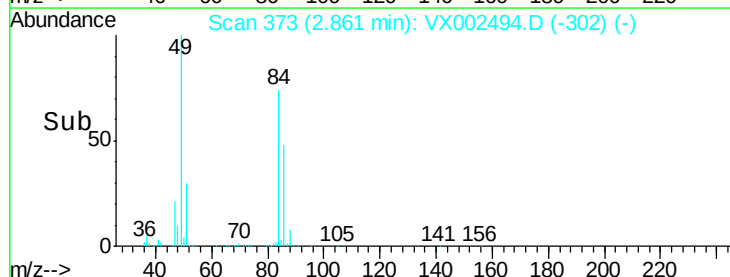
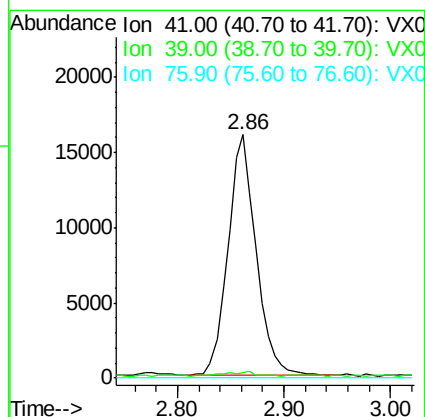
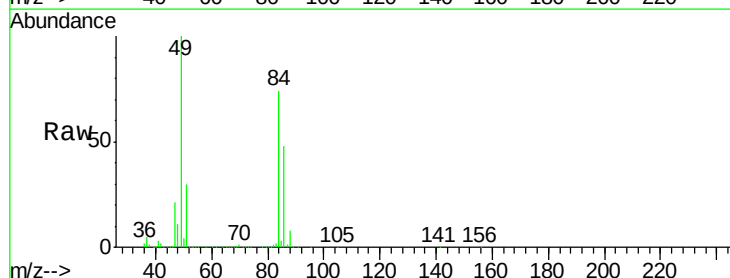
Tgt Ion: 41 Resp: 29605

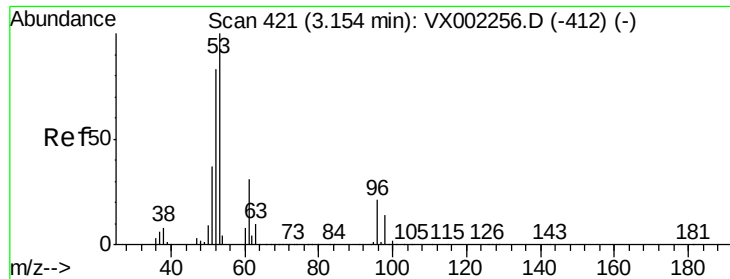
Ion Ratio Lower Upper

41 100

39 2.0 56.8 85.2#

76 0.0 23.8 35.8#





#15

Acrylonitrile

Concen: Below Cal

RT: 3.14 min Scan# 418

Delta R.T. -0.02 min

Lab File: VX002494.D

Acq: 13 Jun 2018 04:24

Instrument :

MSVOA_X

ClientSampled :

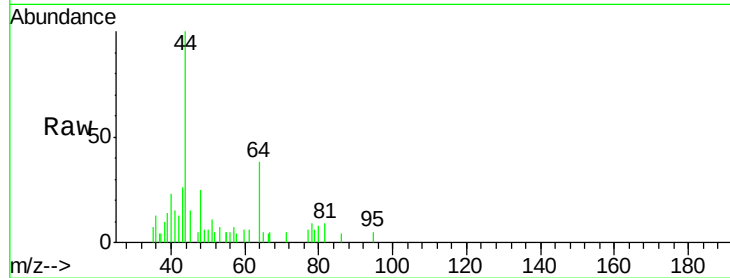
Tot Ion: 53 Resp: 93

Ion Ratio Lower Upper

53 100

52 238.7 66.7 100.1#

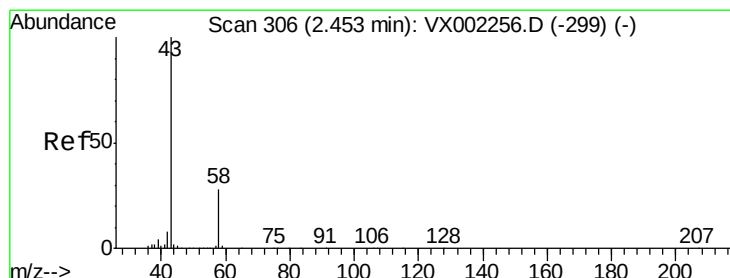
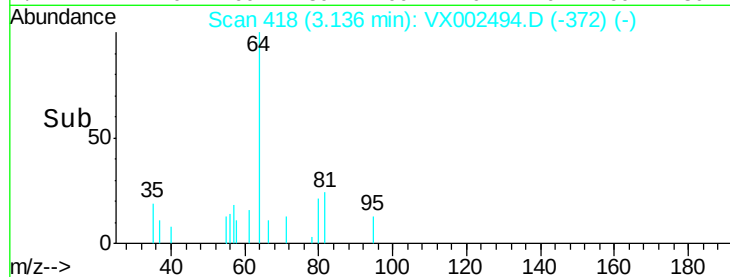
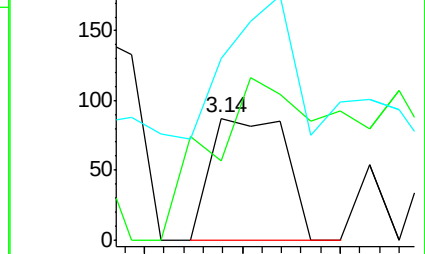
51 0.0 29.9 44.9#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: Below Cal

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002494.D

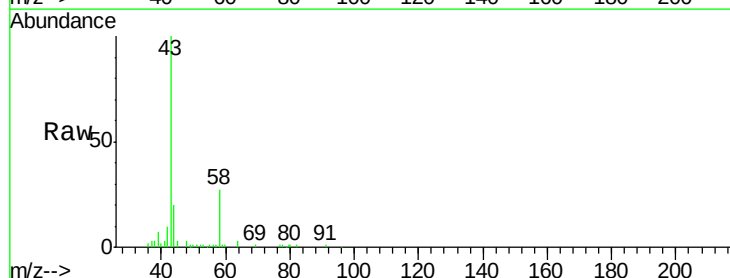
Acq: 13 Jun 2018 04:24

Tgt Ion: 43 Resp: 21423

Ion Ratio Lower Upper

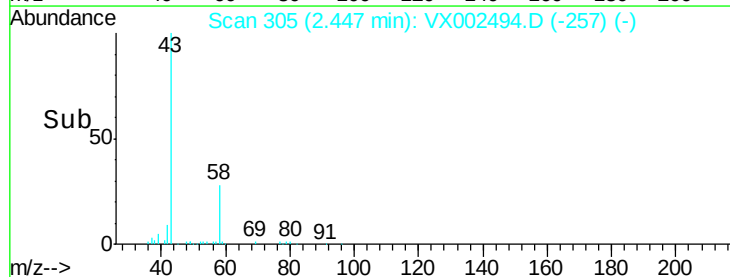
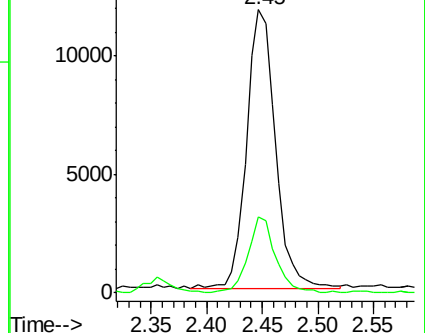
43 100

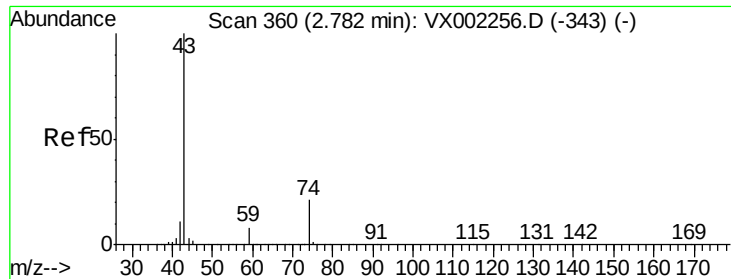
58 27.2 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

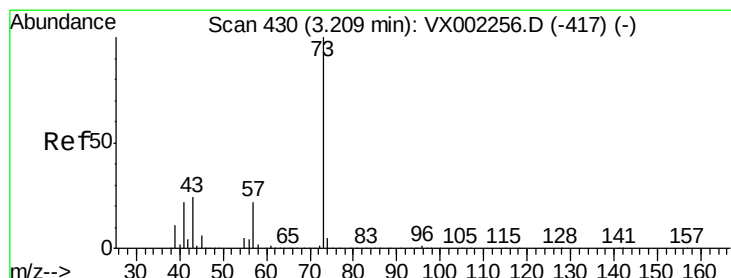
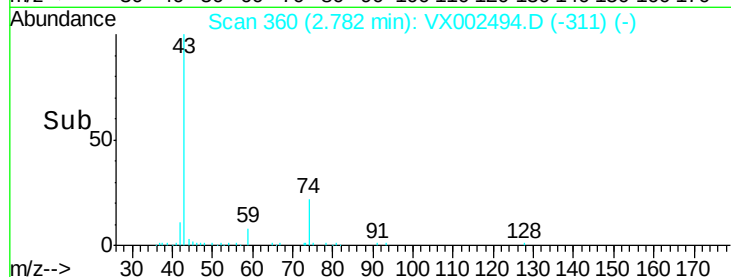
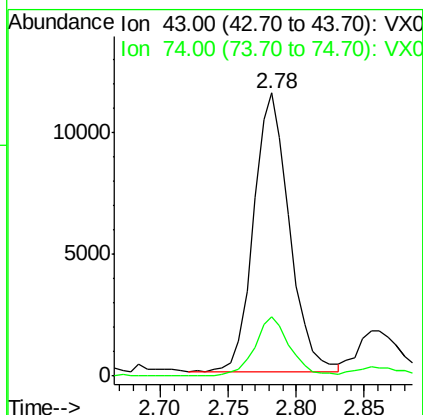
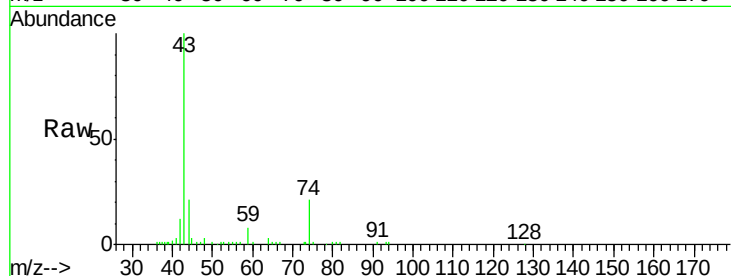




#18
Methyl Acetate
Concen: 4.35 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002494.D
Acq: 13 Jun 2018 04:24

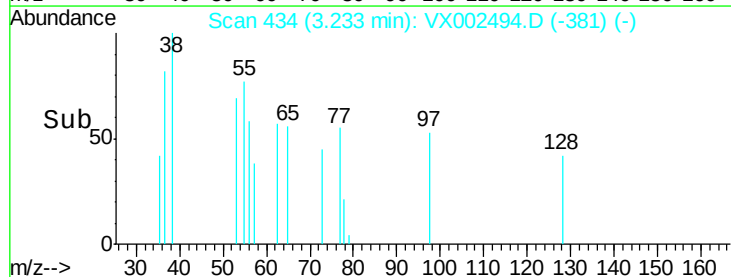
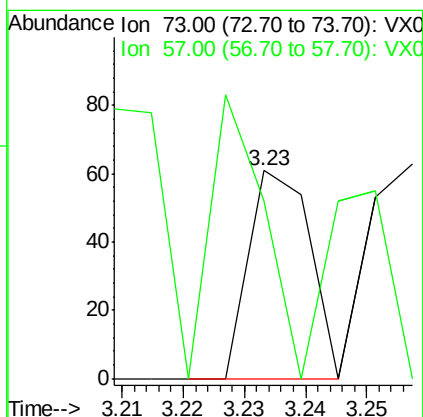
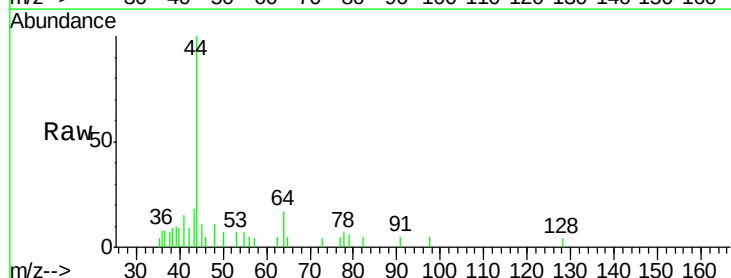
Instrument :
MSVOA_X
ClientSampled :

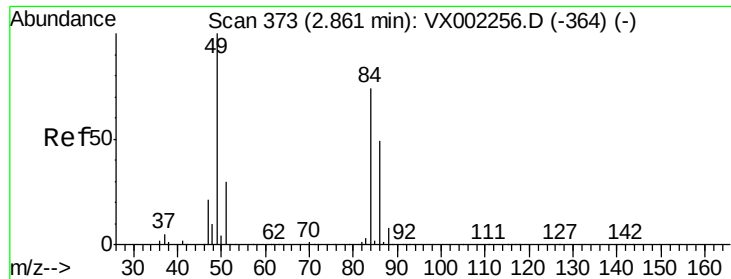
Tot Ion: 43 Resp: 20988
Ion Ratio Lower Upper
43 100
74 21.2 16.7 25.1



#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.23 min Scan# 434
Delta R.T. 0.03 min
Lab File: VX002494.D
Acq: 13 Jun 2018 04:24

Tgt Ion: 73 Resp: 42
Ion Ratio Lower Upper
73 100
57 85.2 17.7 26.5#



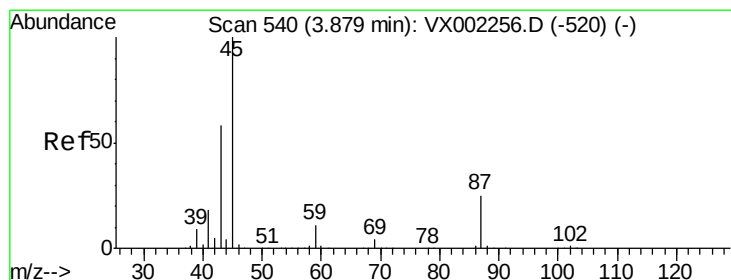
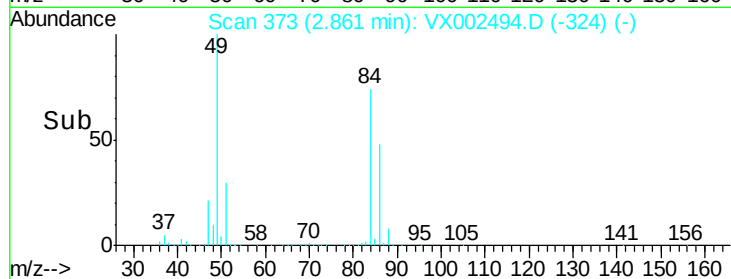
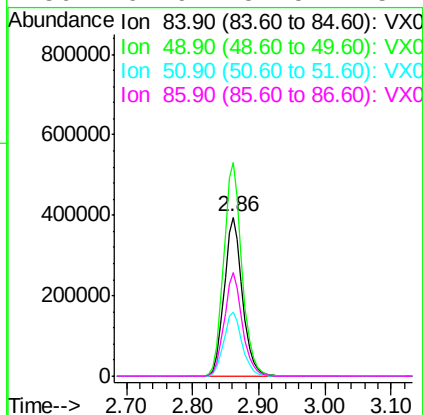
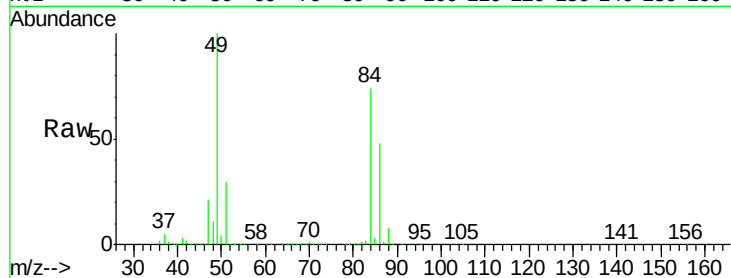


#20
Methylene Chloride
Concen: 324.55 ua/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002494.D
Acq: 13 Jun 2018 04:24

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 84 Resp: 751933

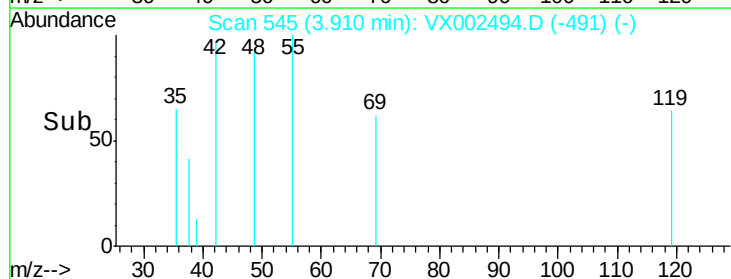
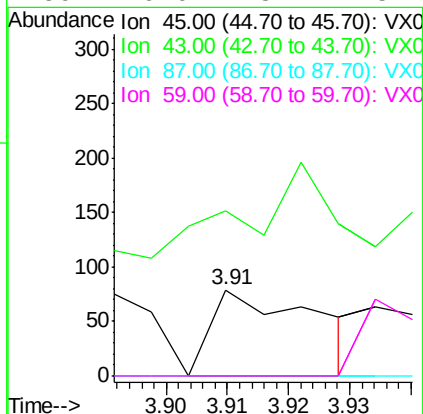
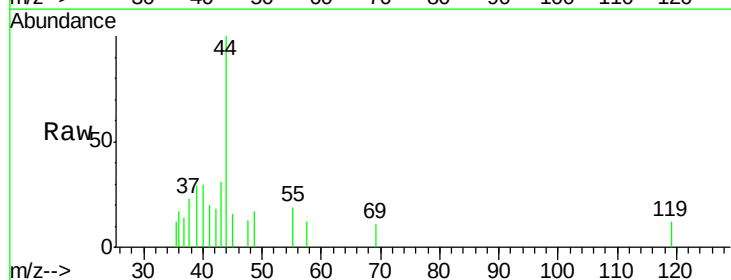
Ion	Ratio	Lower	Upper
84	100		
49	134.4	107.8	161.6
51	40.6	32.8	49.2
86	64.9	52.5	78.7

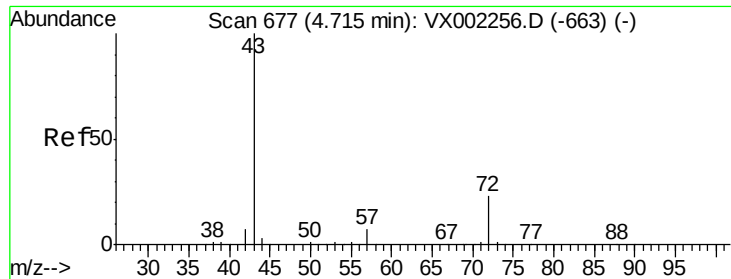


#22
Diisopropyl ether
Concen: Below Cal
RT: 3.91 min Scan# 545
Delta R.T. 0.03 min
Lab File: VX002494.D
Acq: 13 Jun 2018 04:24

Tgt Ion: 45 Resp: 93

Ion	Ratio	Lower	Upper
45	100		
43	19.0	46.8	70.2#
87	0.0	20.2	30.4#
59	0.0	8.7	13.1#





#25

2-Butanone

Concen: 1.65 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX002494.D

Acq: 13 Jun 2018 04:24

Instrument :

MSVOA_X

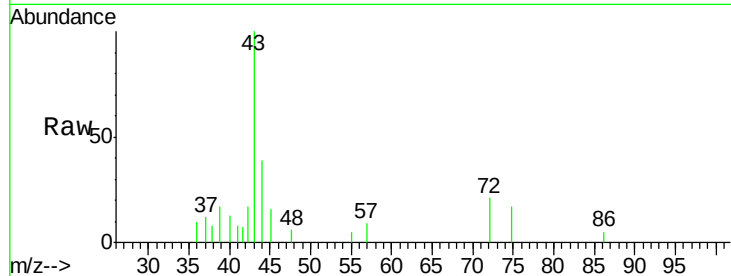
ClientSampled :

Tot Ion: 43 Resp: 3469

Ion Ratio Lower Upper

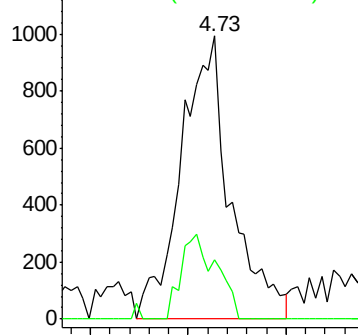
43 100

72 20.9 18.5 27.7

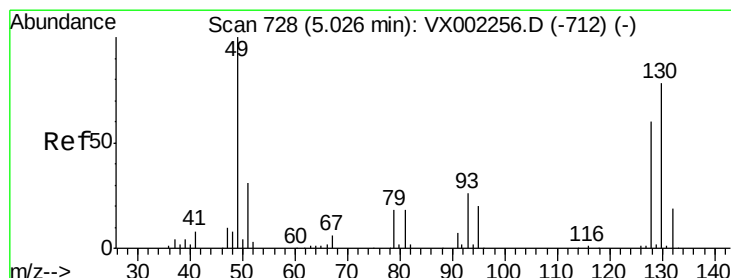
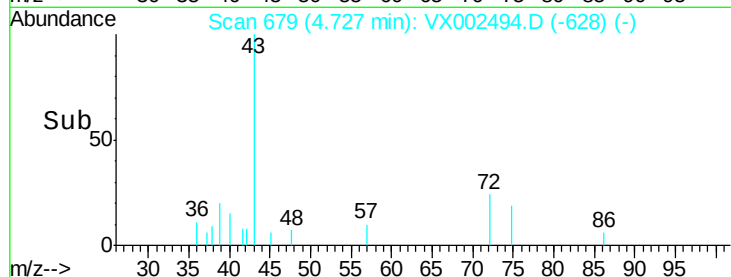


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#28

Bromochloromethane

Concen: Below Cal

RT: 5.03 min Scan# 729

Delta R.T. 0.01 min

Lab File: VX002494.D

Acq: 13 Jun 2018 04:24

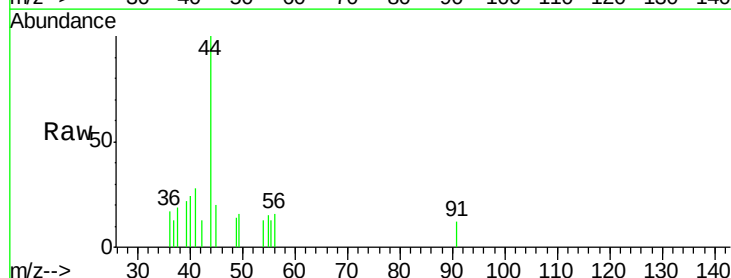
Tgt Ion: 49 Resp: 246

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

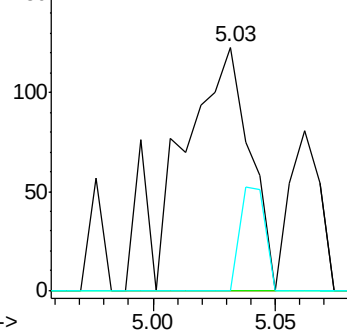
130 15.4 61.2 91.8#



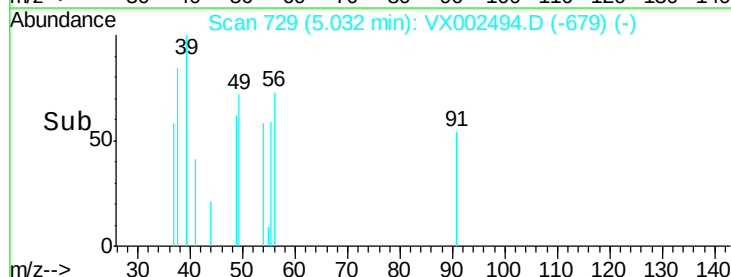
Abundance Ion 48.90 (48.60 to 49.60): VX0

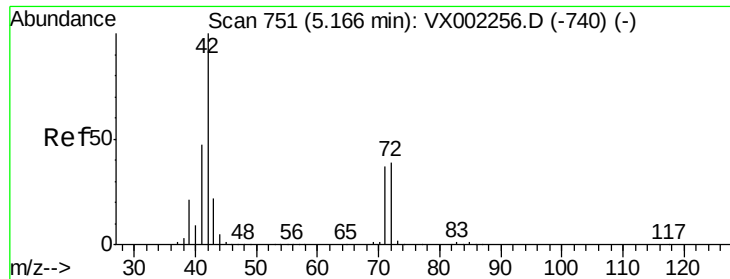
Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



Time-->

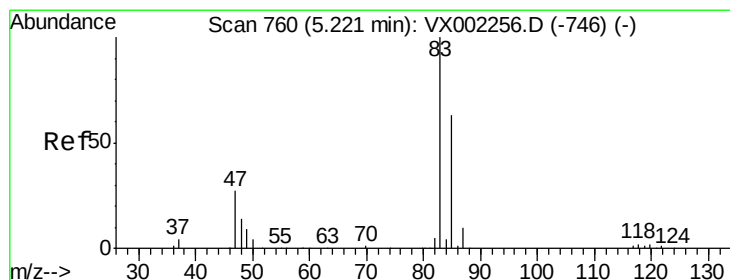
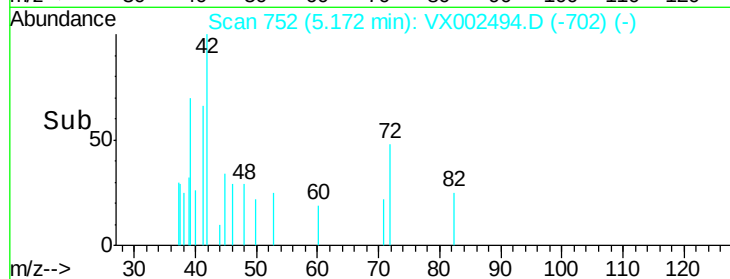
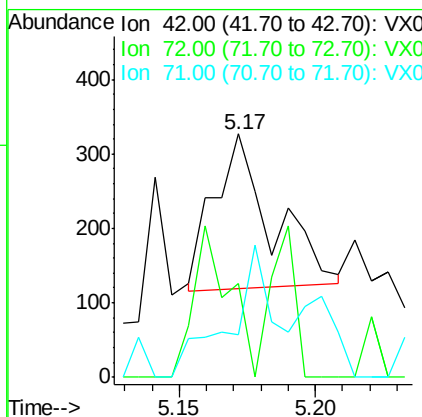
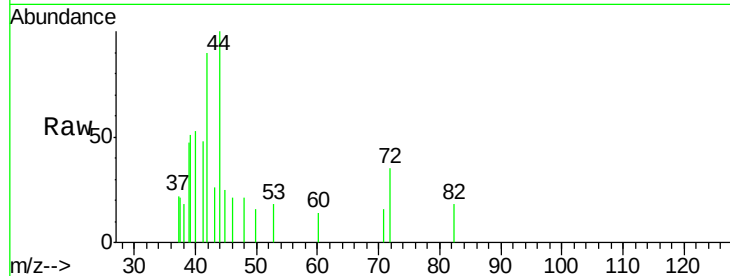




#29
Tetrahydrofuran
Concen: 0.23 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002494.D
Acq: 13 Jun 2018 04:24

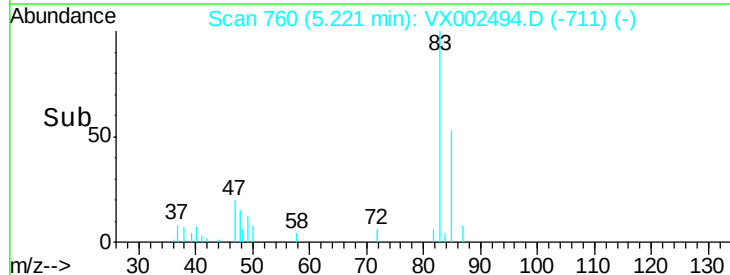
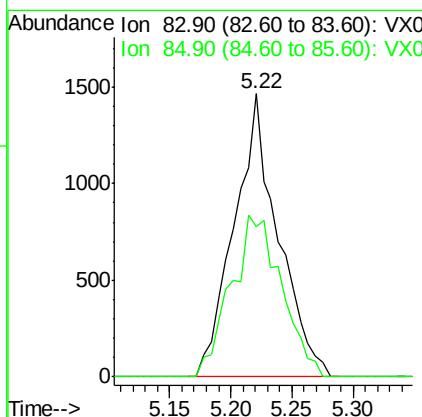
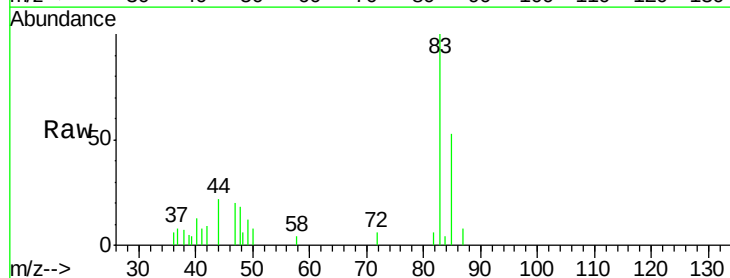
Instrument :
MSVOA_X
ClientSampled :

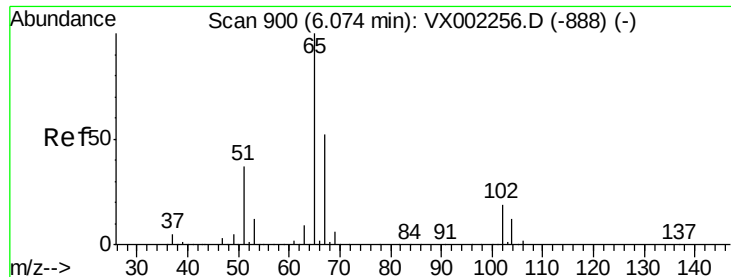
Tot Ion: 42 Resp: 309
Ion Ratio Lower Upper
42 100
72 59.9 32.0 48.0#
71 63.4 30.1 45.1#



#30
Chloroform
Concen: 0.77 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002494.D
Acq: 13 Jun 2018 04:24

Tgt Ion: 83 Resp: 3641
Ion Ratio Lower Upper
83 100
85 52.9 50.4 75.6

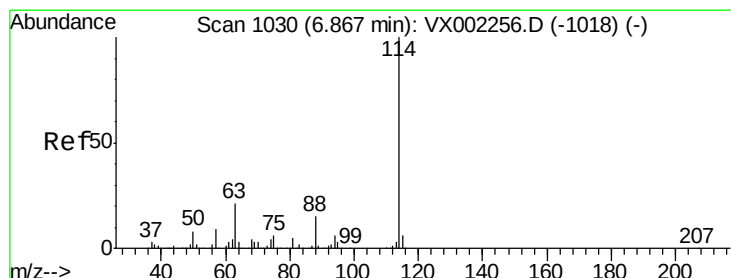
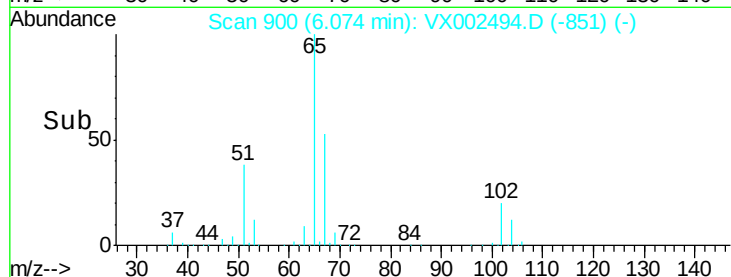
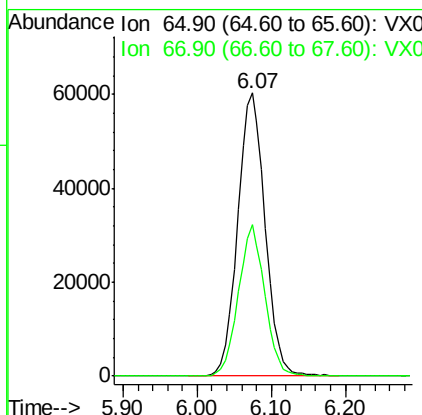
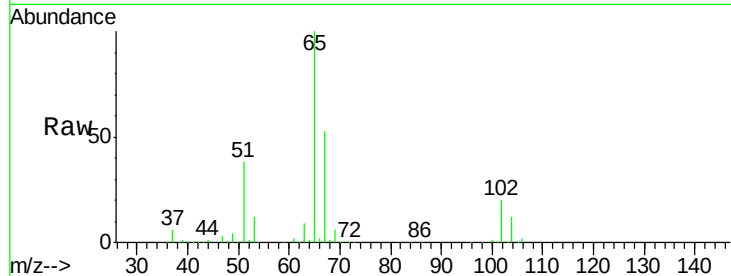




#33
 1,2-Dichloroethane-d4
 Concen: 50.75 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002494.D
 Acq: 13 Jun 2018 04:24

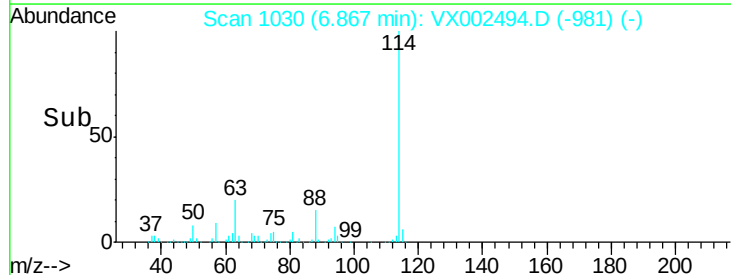
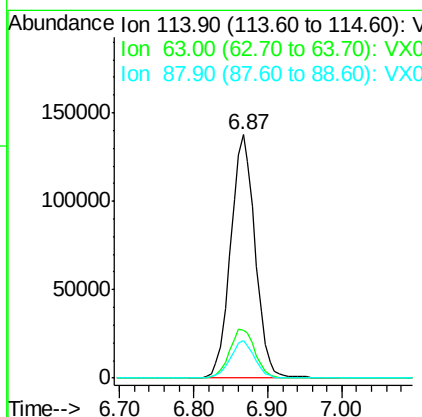
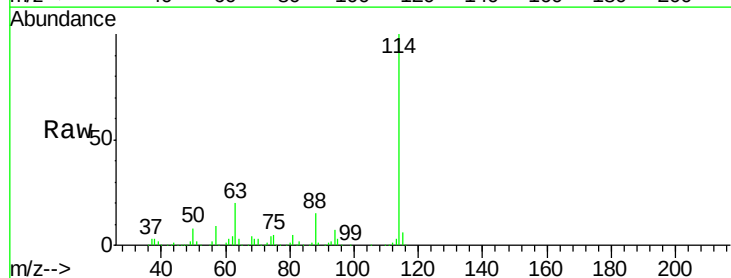
Instrument :
 MSVOA_X
 ClientSampleId :

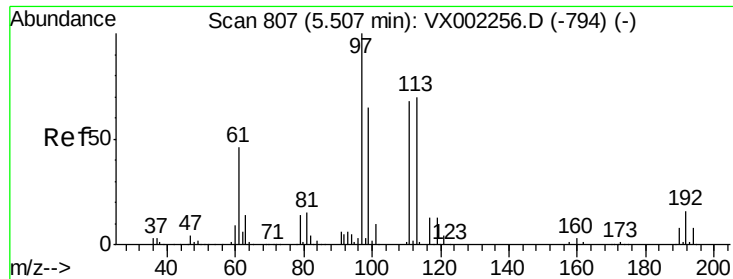
Tot Ion: 65 Resp: 155842
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002494.D
 Acq: 13 Jun 2018 04:24

Tgt Ion: 114 Resp: 317141
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.4
 88 15.2 0.0 30.0

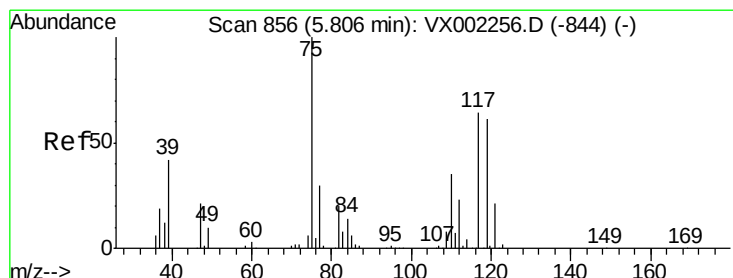
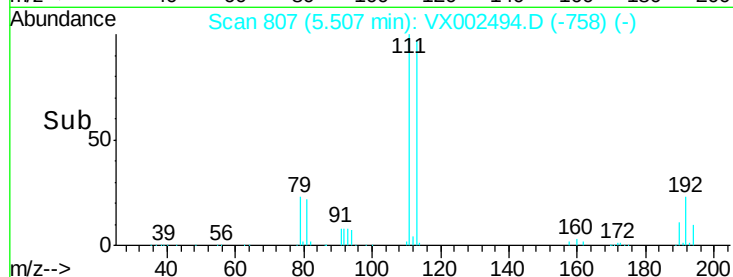
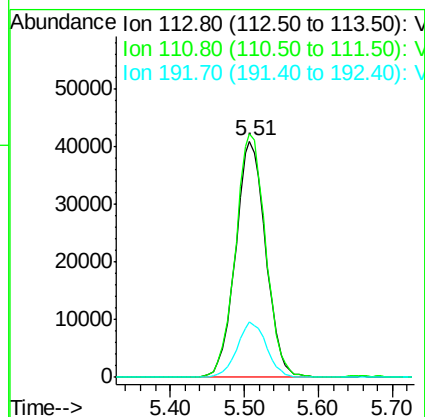
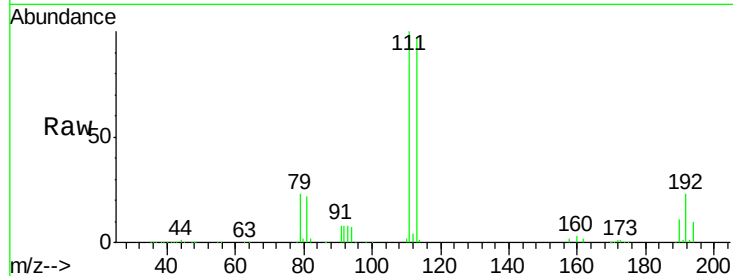




#35
Dibromofluoromethane
Concen: 46.68 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002494.D
Acq: 13 Jun 2018 04:24

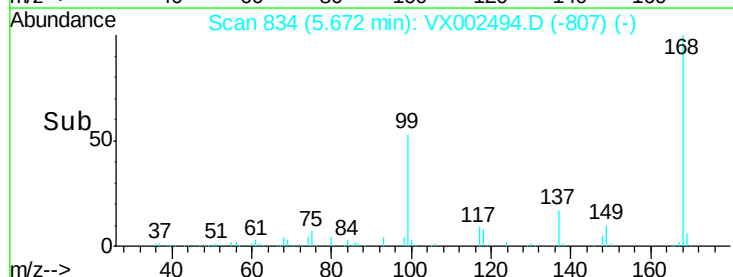
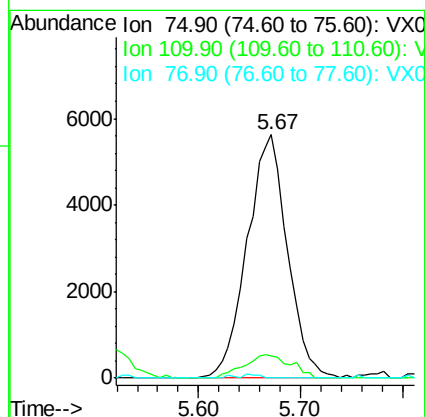
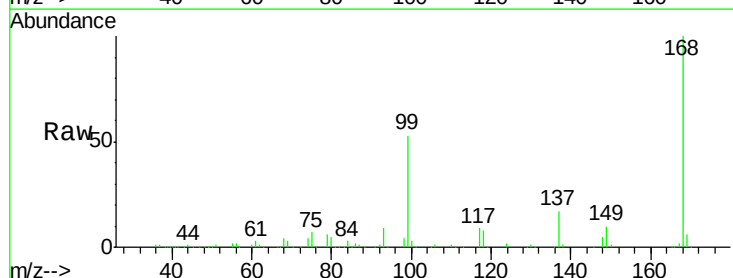
Instrument :
MSVOA_X
ClientSampled :

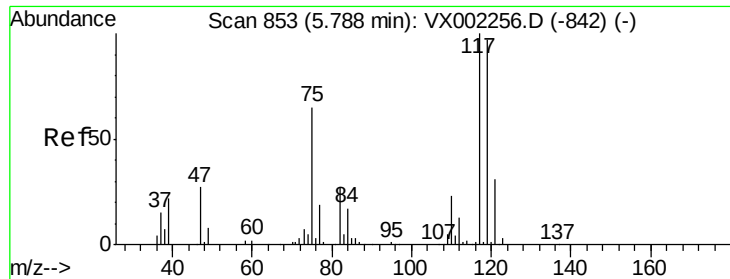
Tot Ion:113 Resp: 116414
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.0
192 22.9 19.1 28.7



#36
1,1-Dichloropropene
Concen: 4.63 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX002494.D
Acq: 13 Jun 2018 04:24

Tgt Ion: 75 Resp: 15430
Ion Ratio Lower Upper
75 100
110 11.1 18.1 54.4#
77 0.0 24.3 36.5#

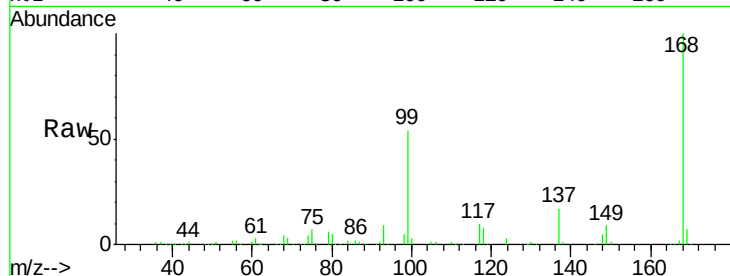




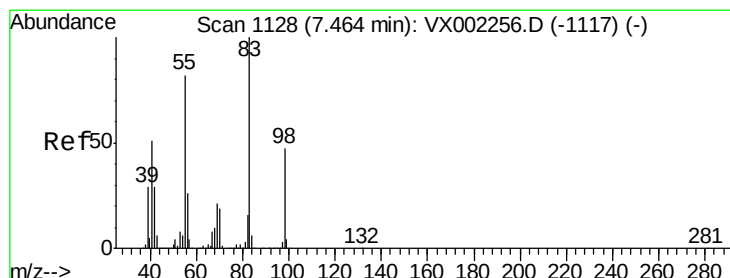
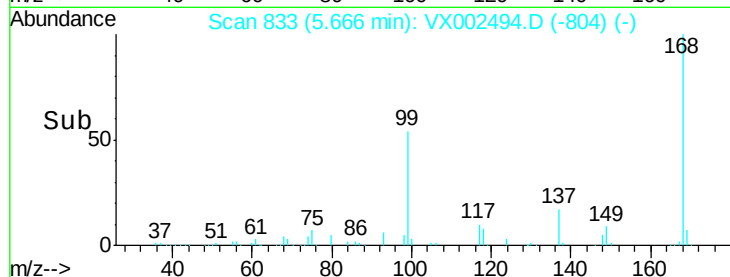
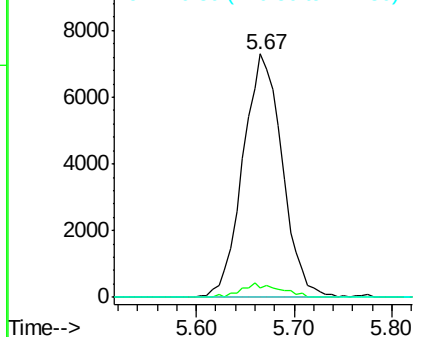
#38
Carbon Tetrachloride
Concen: 5.83 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002494.D
Acq: 13 Jun 2018 04:24

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 20341
Ion Ratio Lower Upper
117 100
119 3.9 77.4 116.0#
121 0.0 24.4 36.6#

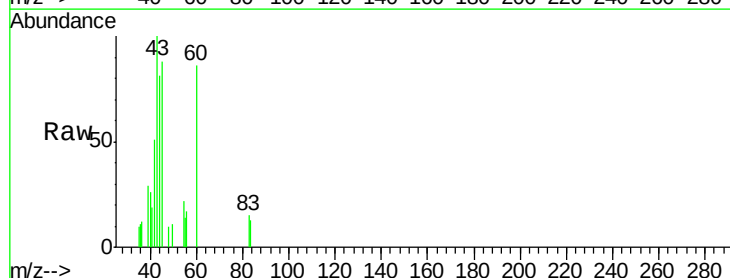


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

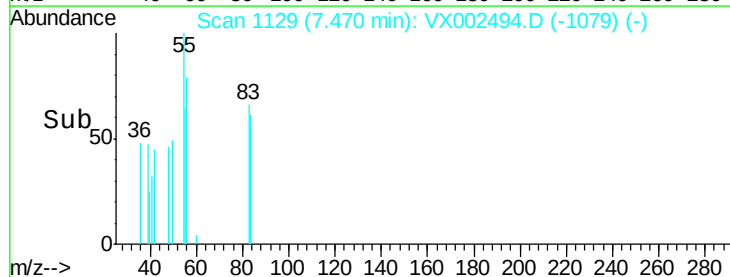
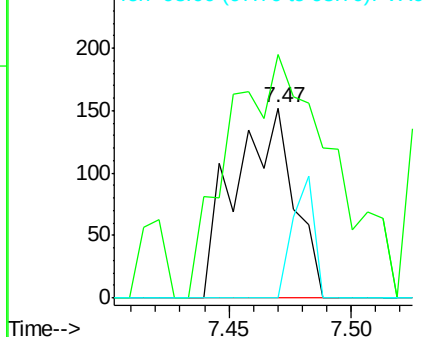


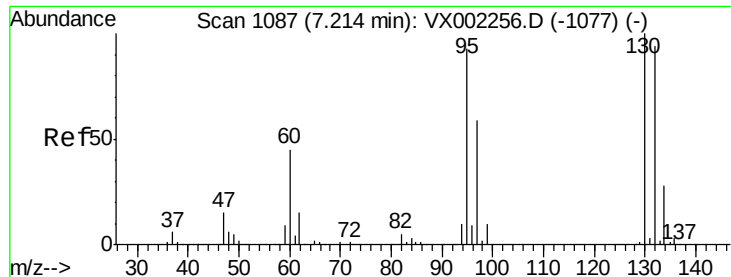
#39
Methylcyclohexane
Concen: 0.32 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX002494.D
Acq: 13 Jun 2018 04:24

Tgt Ion: 83 Resp: 255
Ion Ratio Lower Upper
83 100
55 128.3 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





#44

Trichloroethene

Concen: 0.35 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX002494.D

Acq: 13 Jun 2018 04:24

Instrument :

MSVOA_X

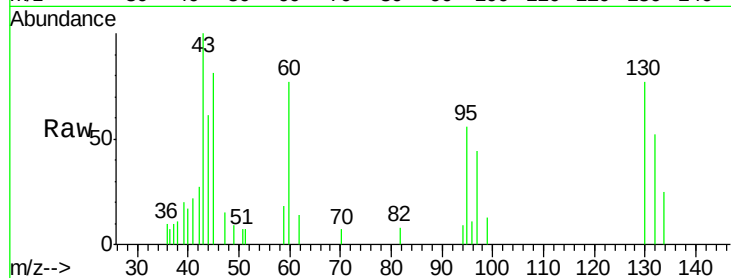
ClientSampled :

Tot Ion:130 Resp: 981

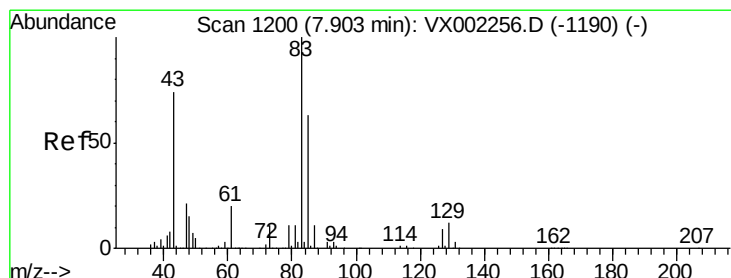
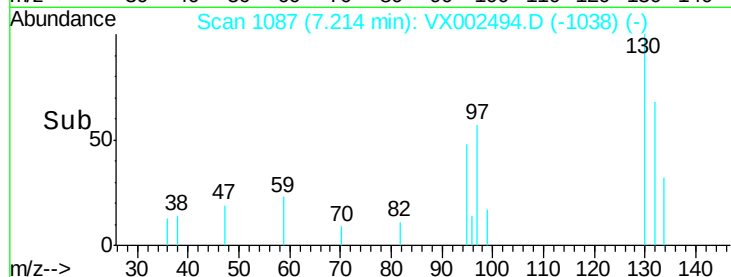
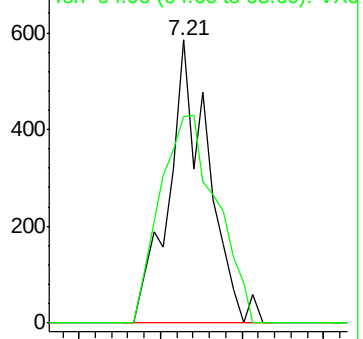
Ion Ratio Lower Upper

130 100

95 73.0 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V



#47

Bromodichloromethane

Concen: 0.27 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002494.D

Acq: 13 Jun 2018 04:24

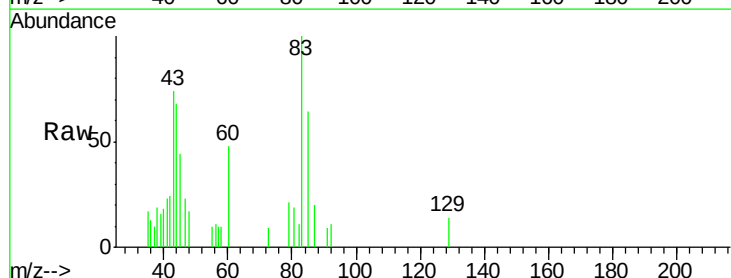
Tgt Ion: 83 Resp: 910

Ion Ratio Lower Upper

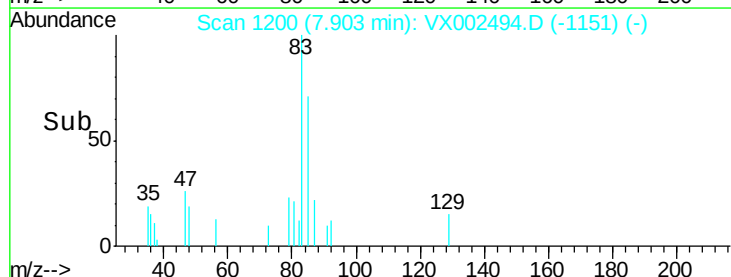
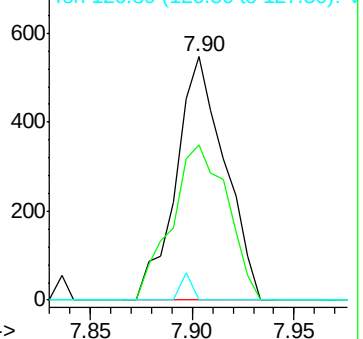
83 100

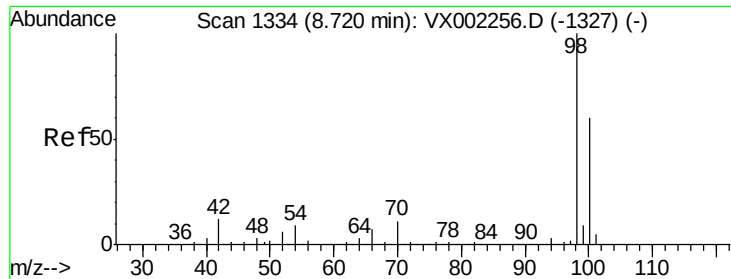
85 63.8 50.3 75.5

127 0.0 7.0 10.4#



Abundance Ion 82.90 (82.60 to 83.60): VX0

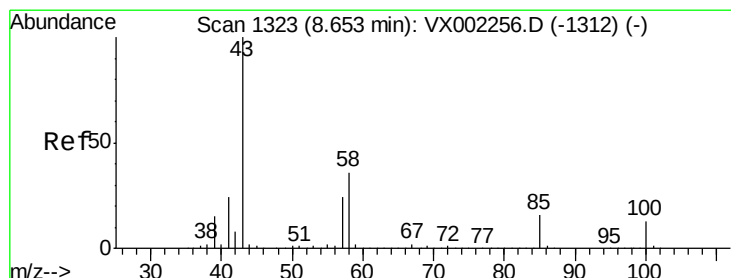
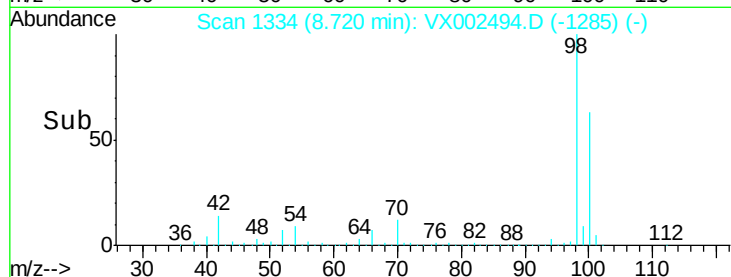
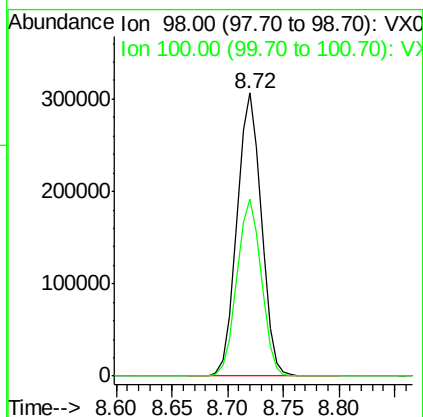
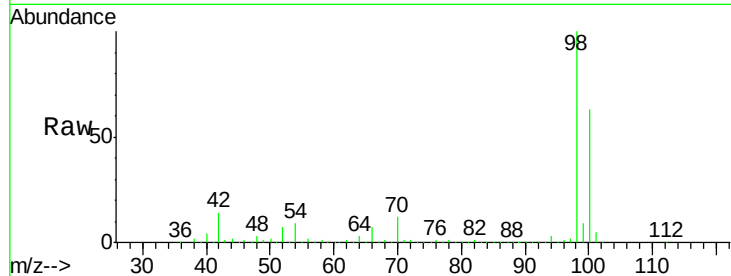




#50
Toluene-d8
Concen: 48.69 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002494.D
Acq: 13 Jun 2018 04:24

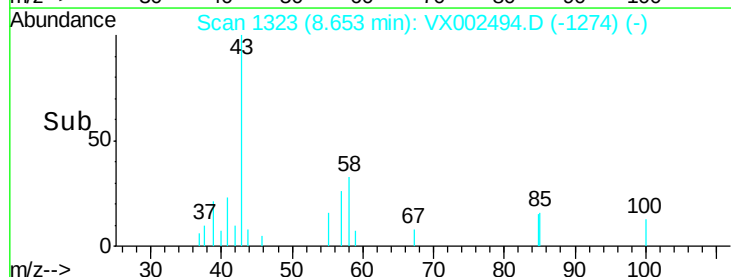
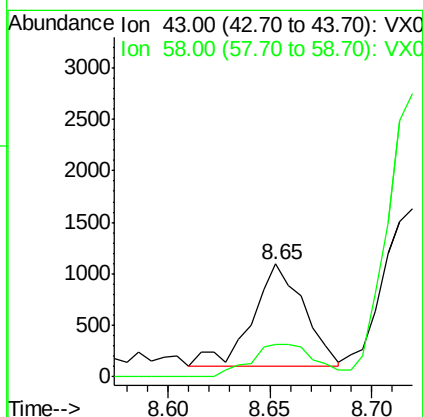
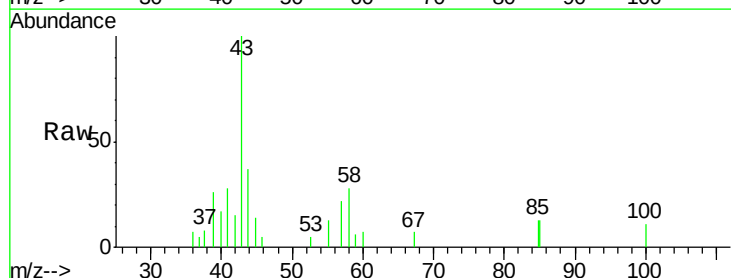
Instrument :
MSVOA_X
ClientSampleId :

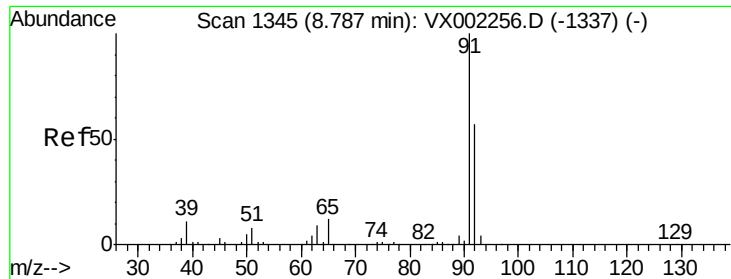
Tot Ion: 98 Resp: 465457
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.41 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX002494.D
Acq: 13 Jun 2018 04:24

Tgt Ion: 43 Resp: 1746
Ion Ratio Lower Upper
43 100
58 39.6 28.6 42.8





#52

Toluene

Concen: 1.15 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002494.D

Acq: 13 Jun 2018 04:24

Instrument :

MSVOA_X

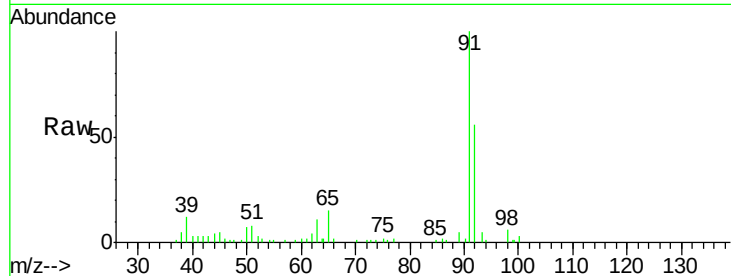
ClientSampleId :

Tot Ion: 92 Resp: 7457

Ion Ratio Lower Upper

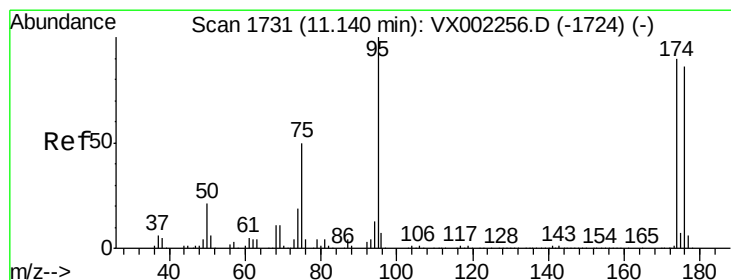
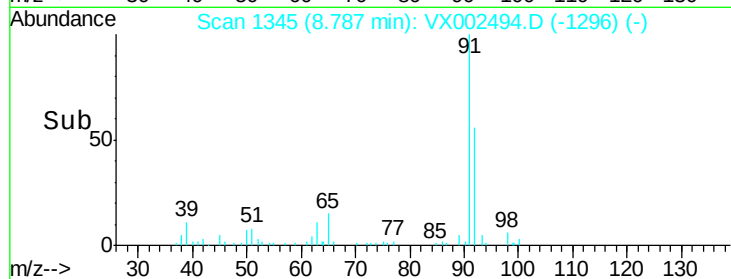
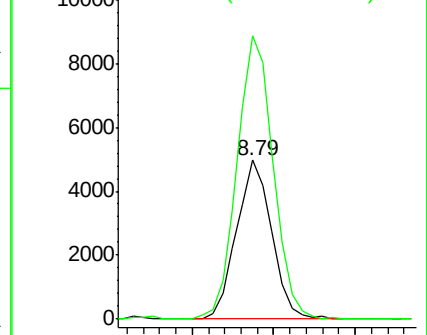
92 100

91 183.1 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 44.83 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002494.D

Acq: 13 Jun 2018 04:24

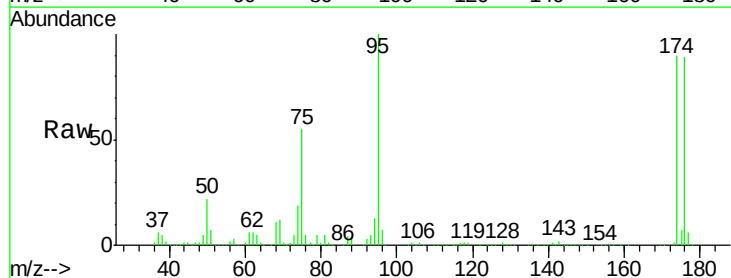
Tgt Ion: 95 Resp: 165237

Ion Ratio Lower Upper

95 100

174 94.6 0.0 187.4

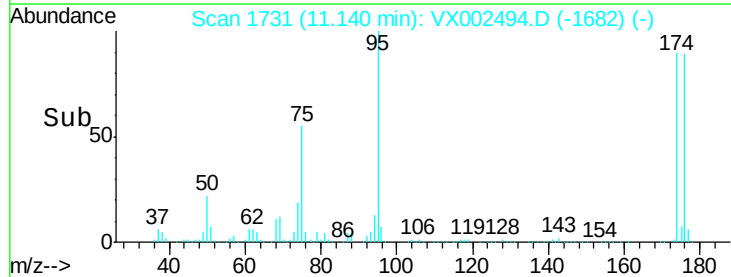
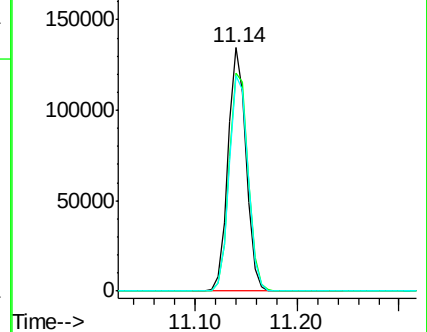
176 91.9 0.0 181.0

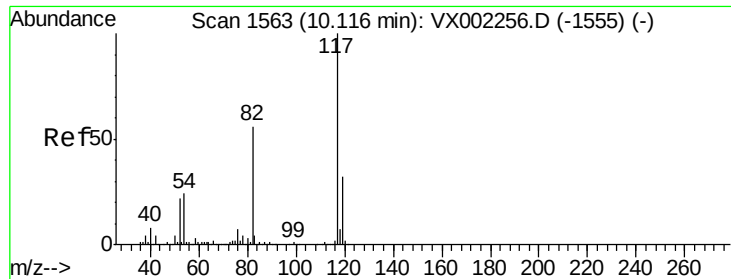


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

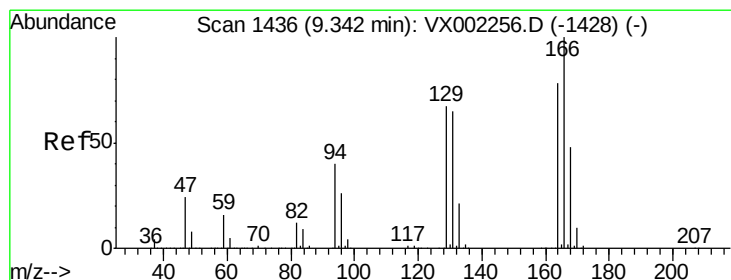
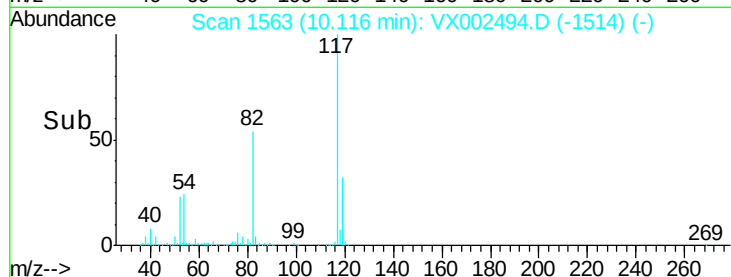
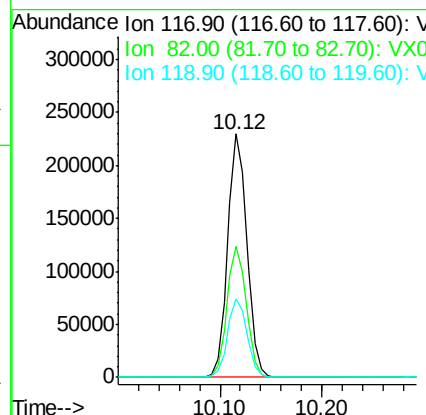
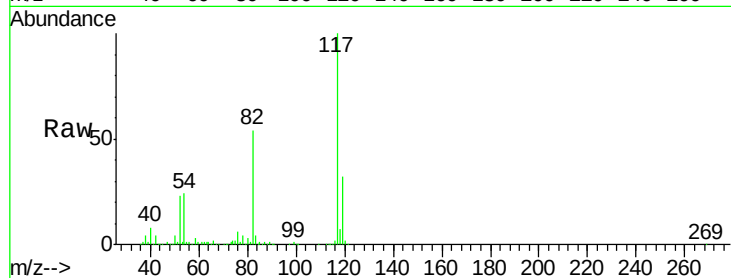




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002494.D
Acq: 13 Jun 2018 04:24

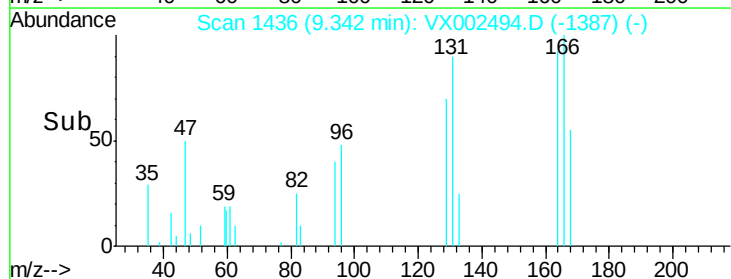
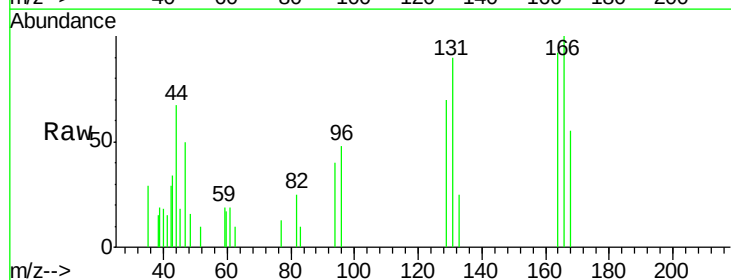
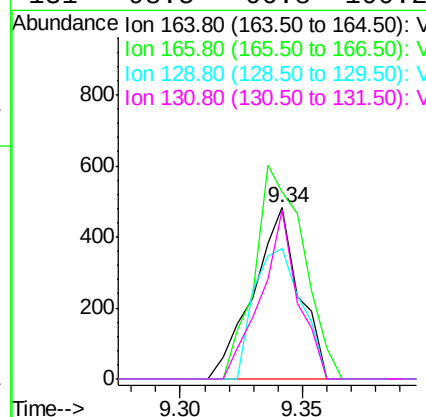
Instrument :
MSVOA_X
ClientSampleId :

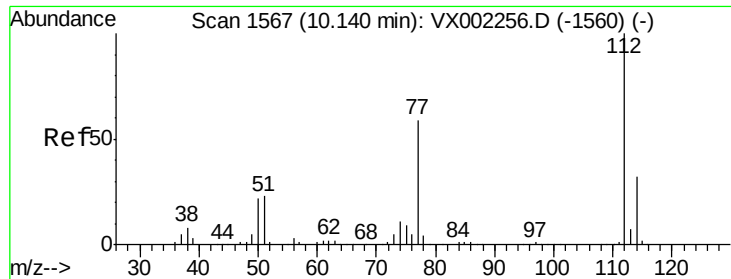
Tot Ion:117 Resp: 302072
Ion Ratio Lower Upper
117 100
82 53.8 45.0 67.4
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 0.20 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002494.D
Acq: 13 Jun 2018 04:24

Tgt Ion:164 Resp: 634
Ion Ratio Lower Upper
164 100
166 108.9 102.9 154.3
129 75.9 68.6 102.8
131 98.5 66.8 100.2





#65

Chlorobenzene

Concen: 0.32 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002494.D

Acq: 13 Jun 2018 04:24

Instrument :

MSVOA_X

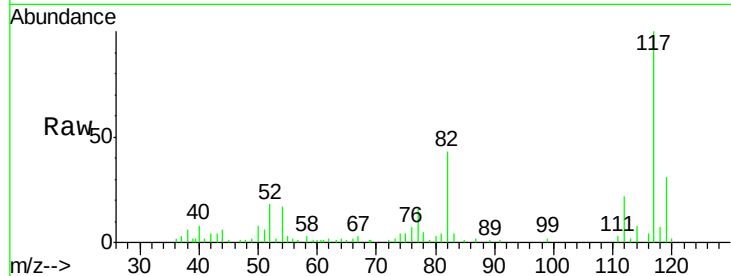
ClientSampleId :

Tot Ion:112 Resp: 2413

Ion Ratio Lower Upper

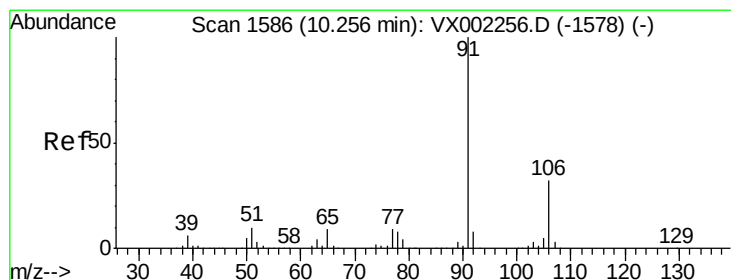
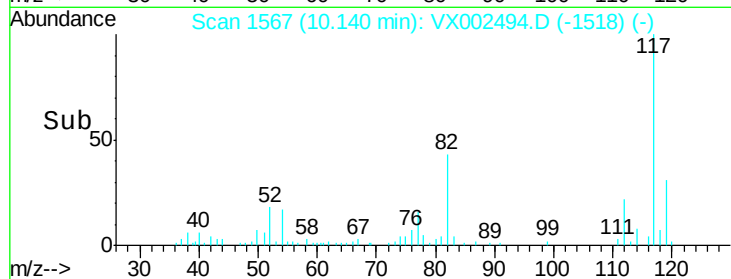
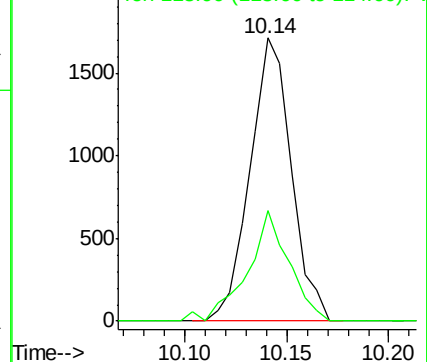
112 100

114 38.9 25.3 37.9#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#67

Ethyl Benzene

Concen: 1.37 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002494.D

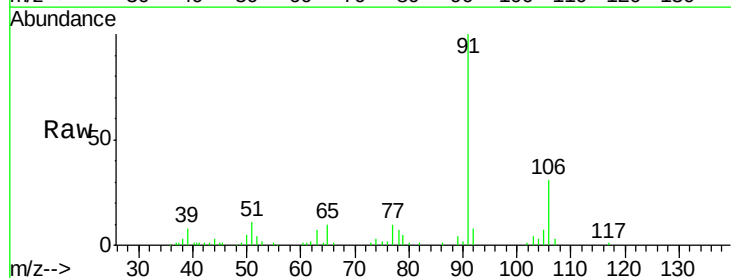
Acq: 13 Jun 2018 04:24

Tgt Ion: 91 Resp: 17199

Ion Ratio Lower Upper

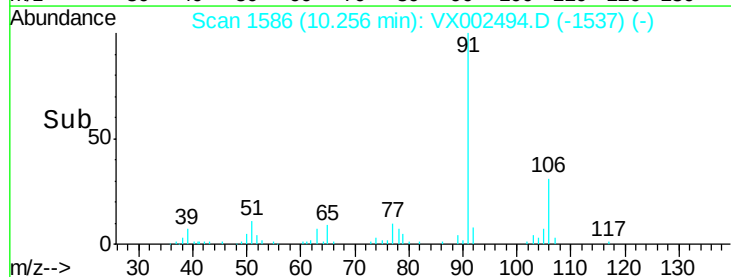
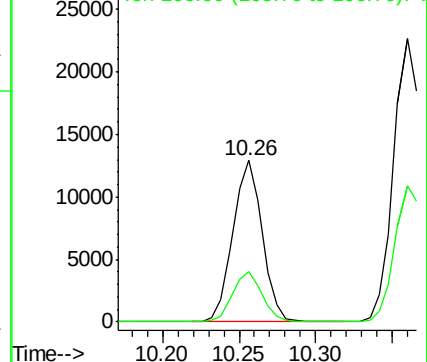
91 100

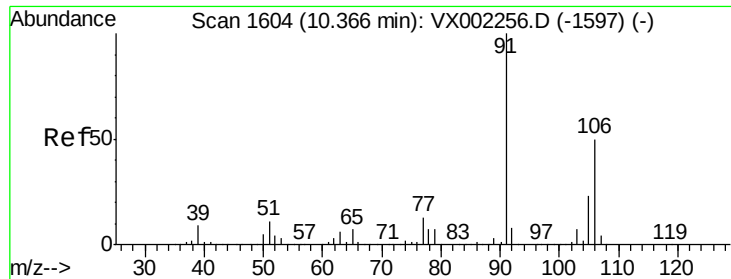
106 31.2 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

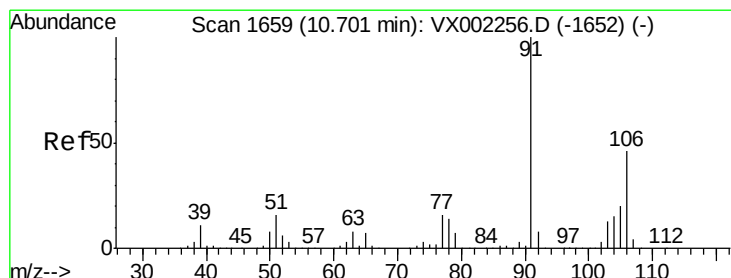
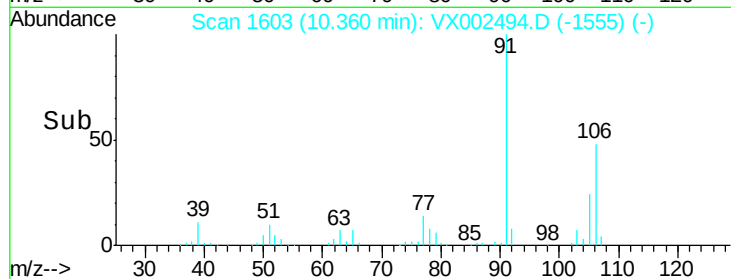
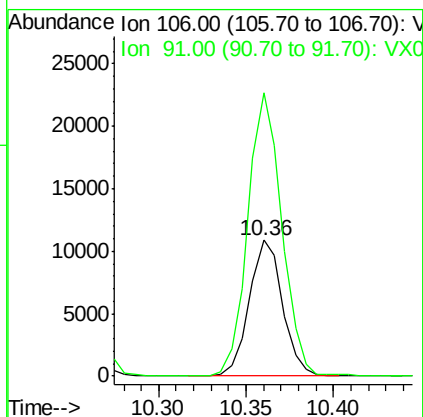
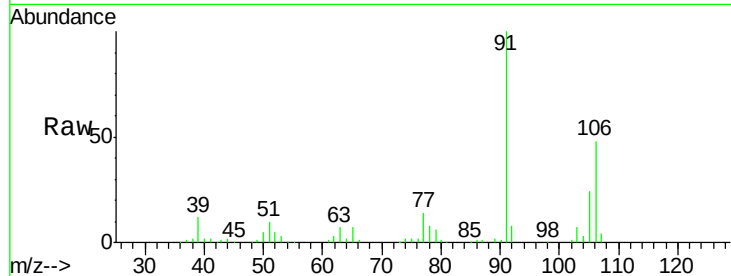




#68
m/p-Xylenes
Concen: 2.94 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002494.D
Acq: 13 Jun 2018 04:24

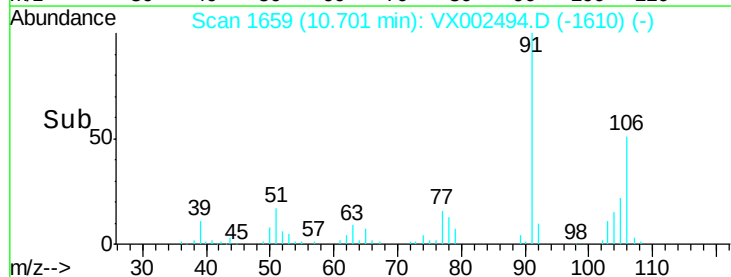
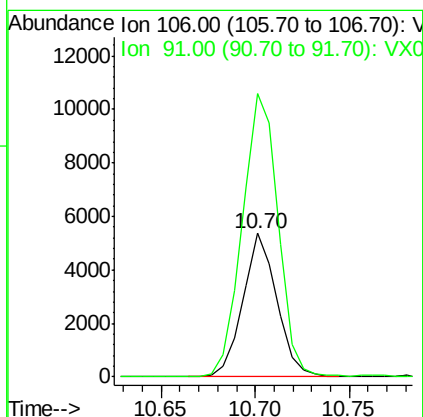
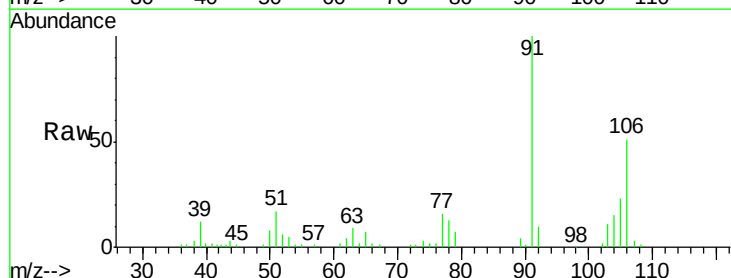
Instrument :
MSVOA_X
ClientSampleId :

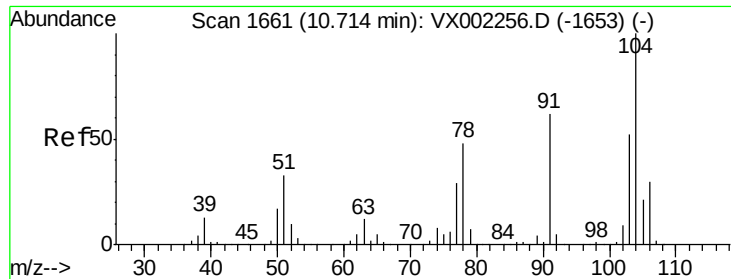
Tot Ion:106 Resp: 14395
Ion Ratio Lower Upper
106 100
91 212.6 163.4 245.2



#69
o-Xylene
Concen: 1.38 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002494.D
Acq: 13 Jun 2018 04:24

Tgt Ion:106 Resp: 6700
Ion Ratio Lower Upper
106 100
91 208.3 108.2 324.6

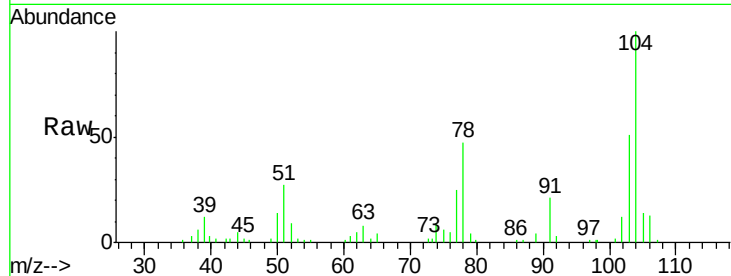




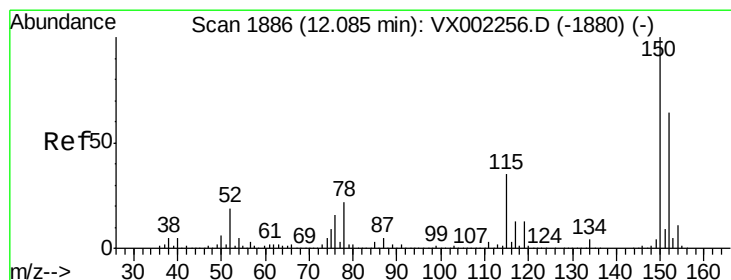
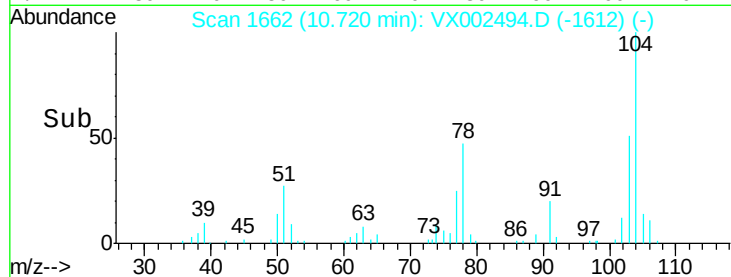
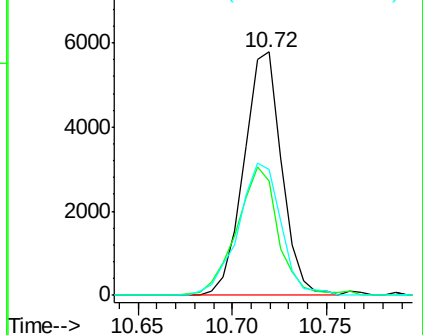
#70
Stvrene
Concen: 1.01 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX002494.D
Acq: 13 Jun 2018 04:24

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:104 Resp: 8061
Ion Ratio Lower Upper
104 100
78 58.6 41.0 61.6
103 61.4 44.2 66.4

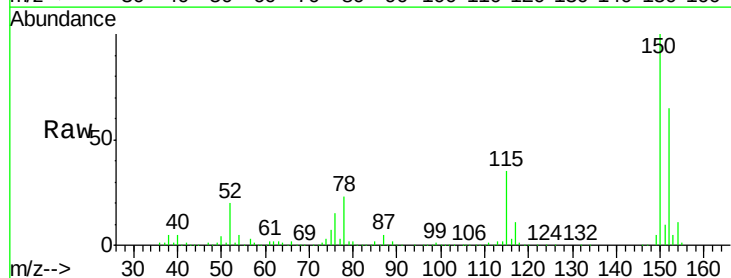


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

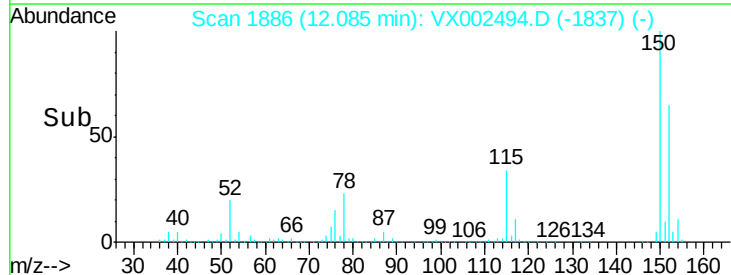
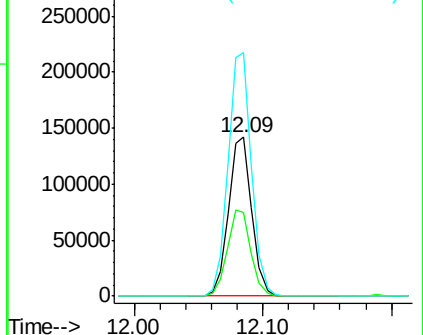


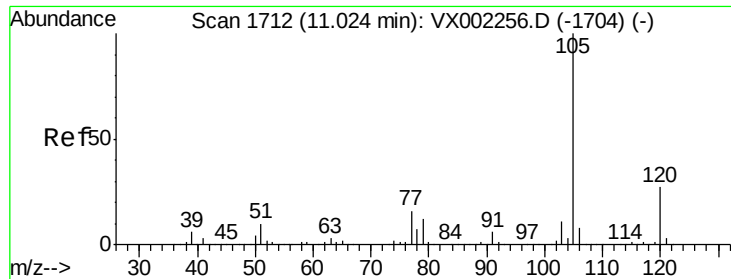
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002494.D
Acq: 13 Jun 2018 04:24

Tgt Ion:152 Resp: 178754
Ion Ratio Lower Upper
152 100
115 54.9 40.1 120.2
150 154.9 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





#73

Isopropylbenzene

Concen: 0.33 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX002494.D

Acq: 13 Jun 2018 04:24

Instrument :

MSVOA_X

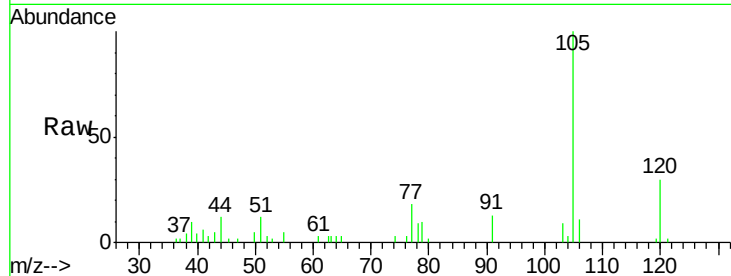
ClientSampleId :

Tot Ion:105 Resp: 4127

Ion Ratio Lower Upper

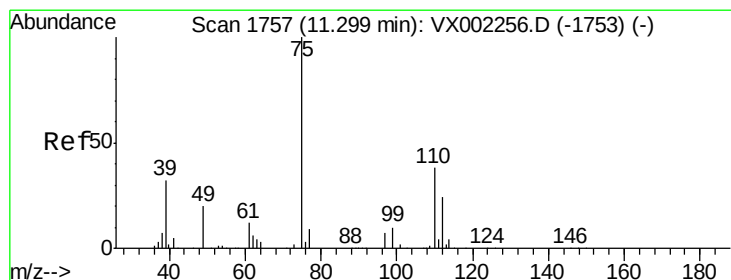
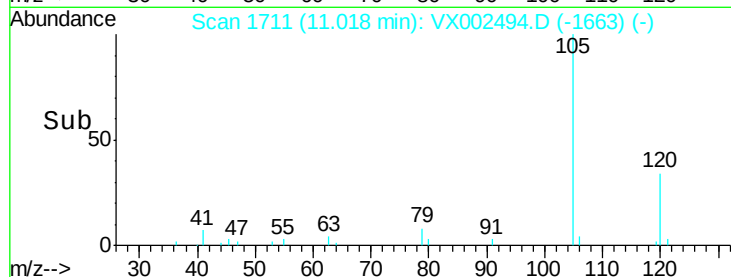
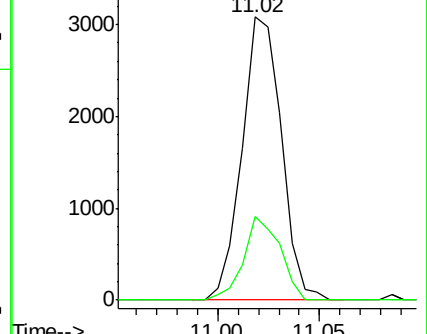
105 100

120 27.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 23.39 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002494.D

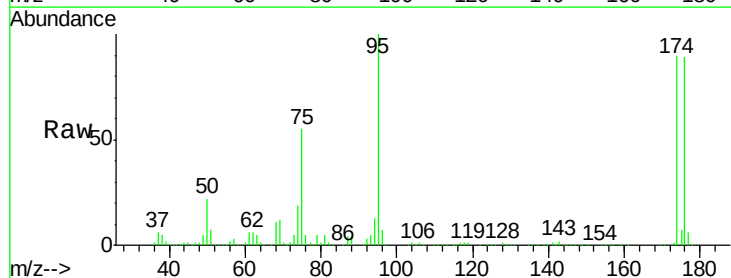
Acq: 13 Jun 2018 04:24

Tgt Ion: 75 Resp: 91741

Ion Ratio Lower Upper

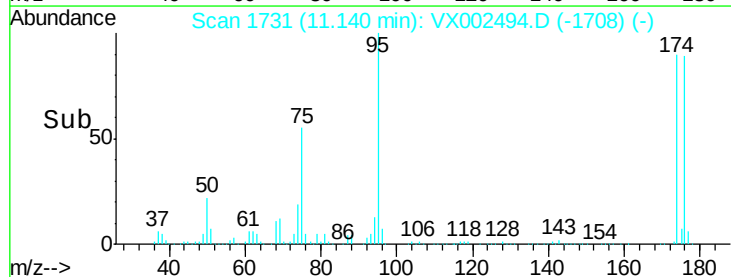
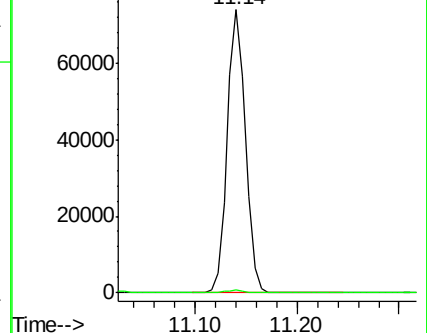
75 100

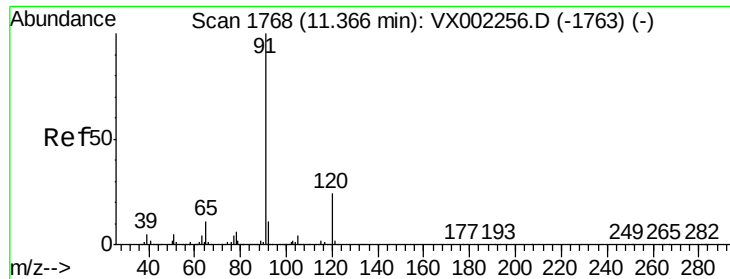
77 1.1 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.61 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002494.D

Acq: 13 Jun 2018 04:24

Instrument :

MSVOA_X

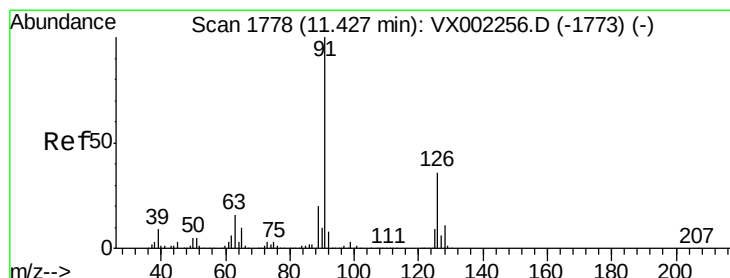
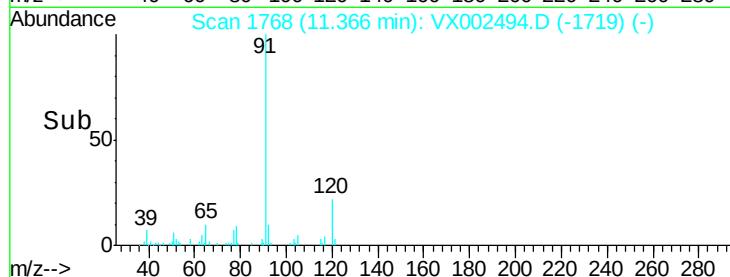
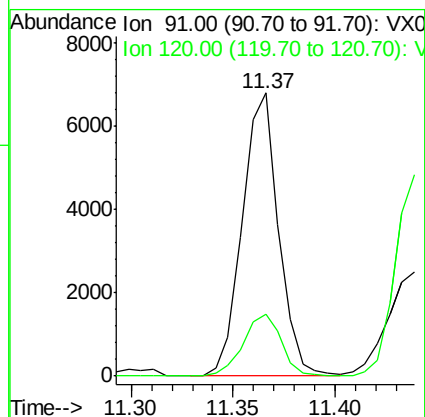
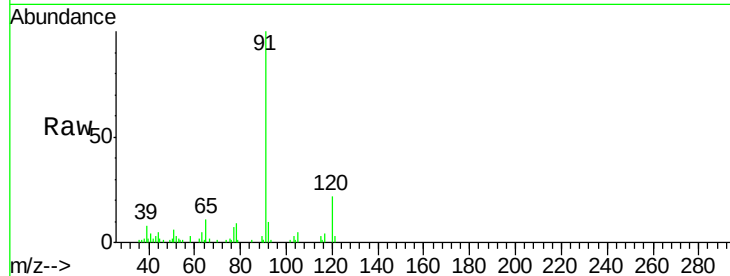
ClientSampleId :

Tot Ion: 91 Resp: 8388

Ion Ratio Lower Upper

91 100

120 23.0 11.8 35.4



#79

2-Chlorotoluene

Concen: 0.55 ug/l

RT: 11.44 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VX002494.D

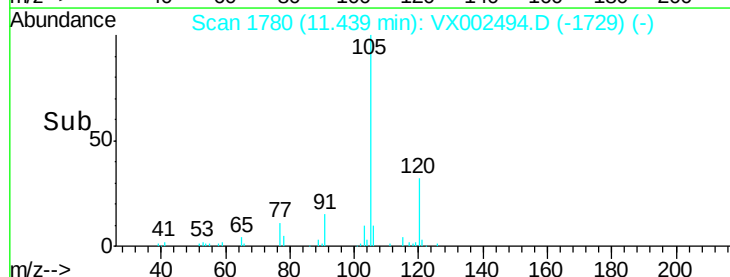
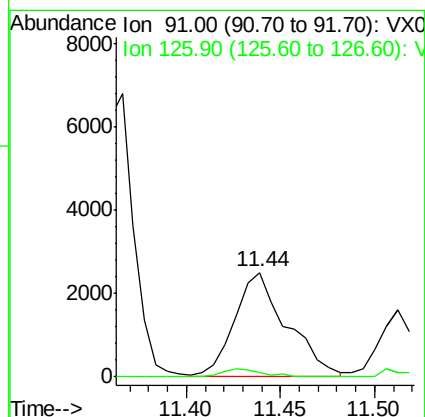
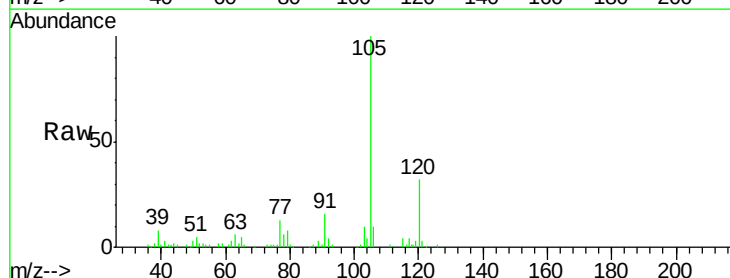
Acq: 13 Jun 2018 04:24

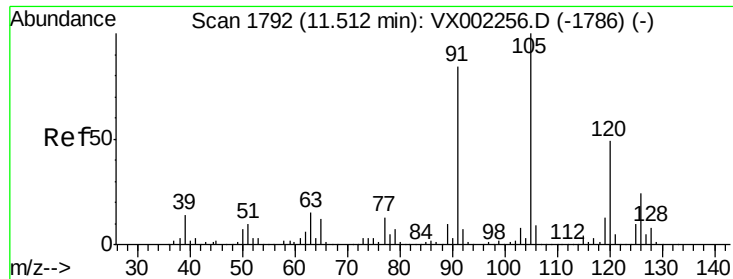
Tgt Ion: 91 Resp: 4826

Ion Ratio Lower Upper

91 100

126 6.2 17.7 53.1#

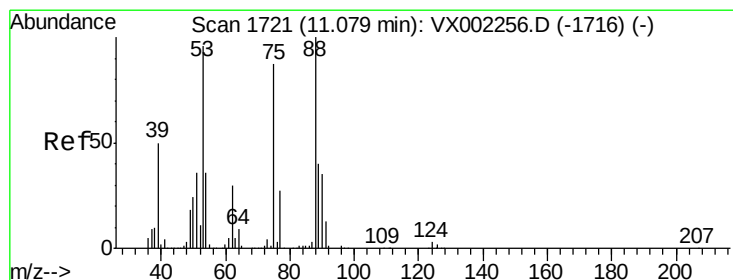
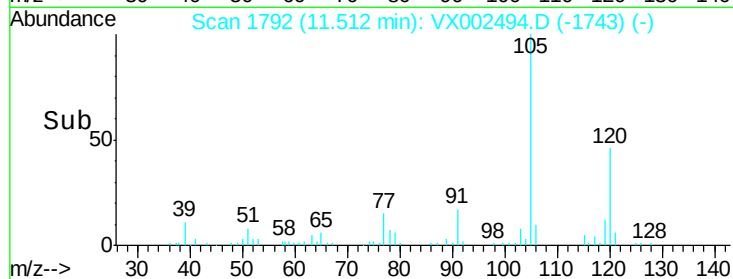
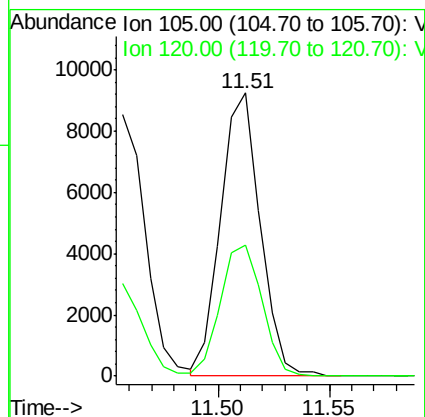
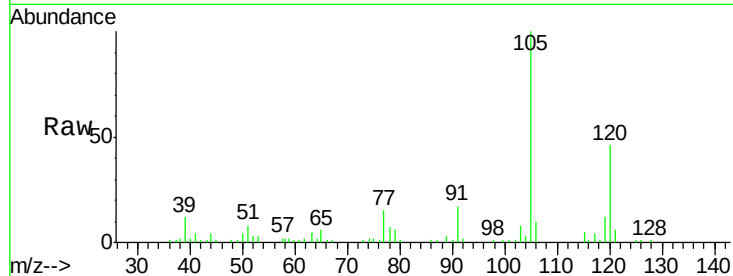




#80
 1,3,5-Trimethylbenzene
 Concen: 1.07 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002494.D
 Acq: 13 Jun 2018 04:24

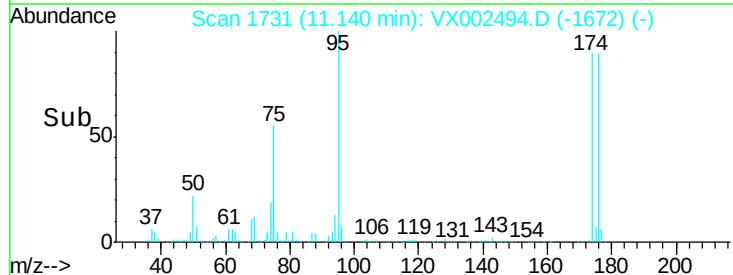
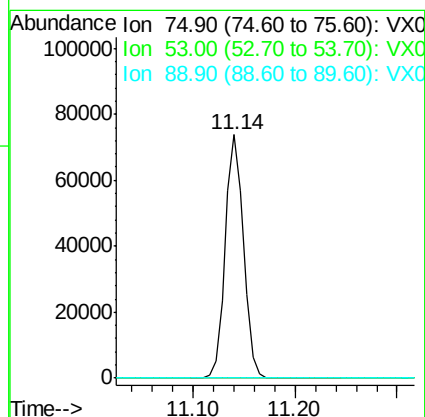
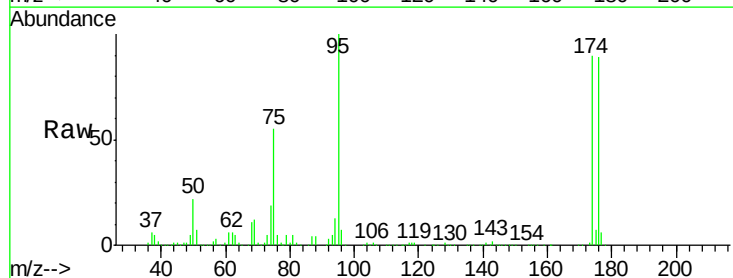
Instrument :
 MSVOA_X
 ClientSampled :

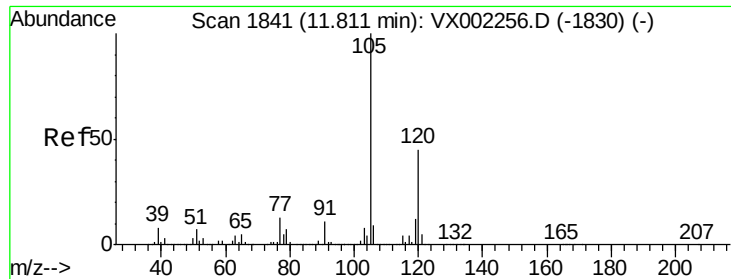
Tot Ion:105 Resp: 11429
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.99 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX002494.D
 Acq: 13 Jun 2018 04:24

Tgt Ion: 75 Resp: 91741
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.8 130.2#
 89 0.0 38.2 57.2#





#84

1,2,4-Trimethylbenzene

Concen: 4.13 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002494.D

Acq: 13 Jun 2018 04:24

Instrument :

MSVOA_X

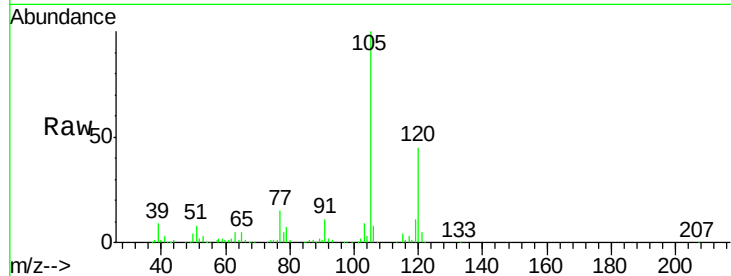
ClientSampleId :

Tot Ion:105 Resp: 45339

Ion Ratio Lower Upper

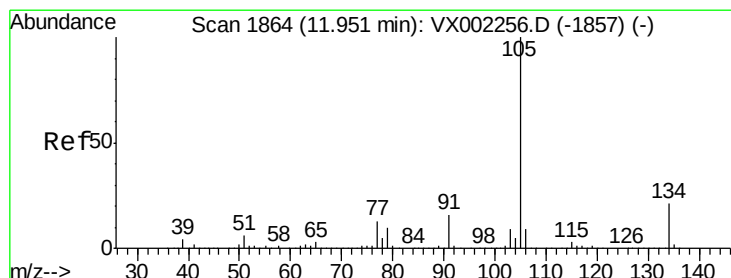
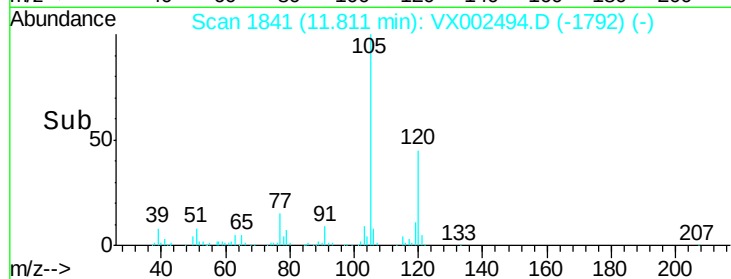
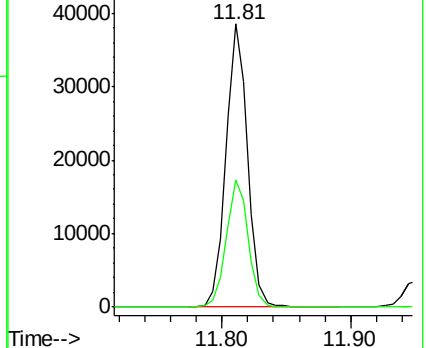
105 100

120 45.6 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.40 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002494.D

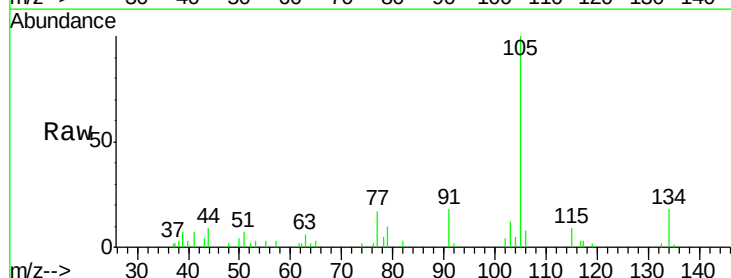
Acq: 13 Jun 2018 04:24

Tgt Ion:105 Resp: 4811

Ion Ratio Lower Upper

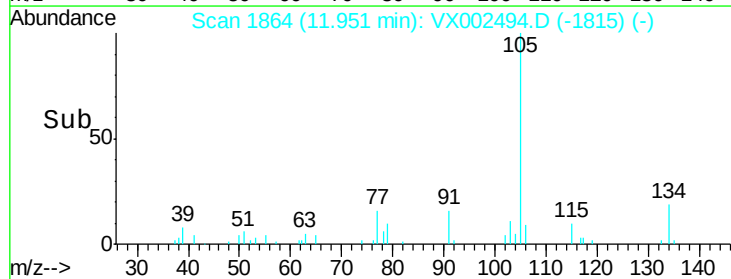
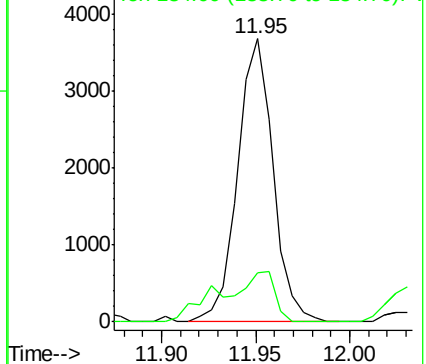
105 100

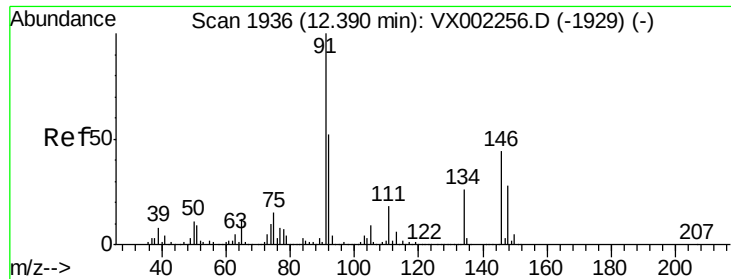
134 16.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

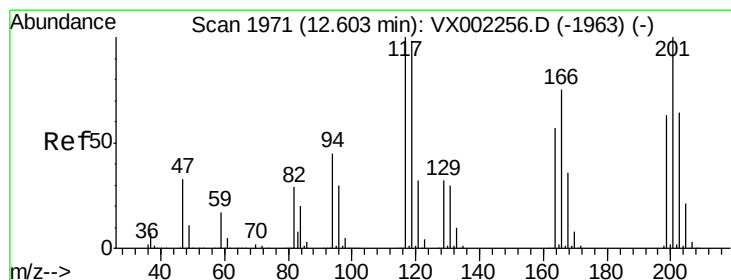
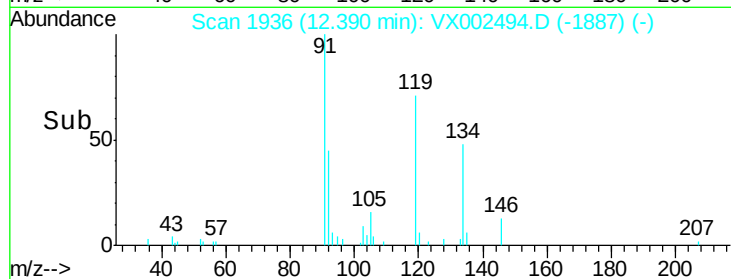
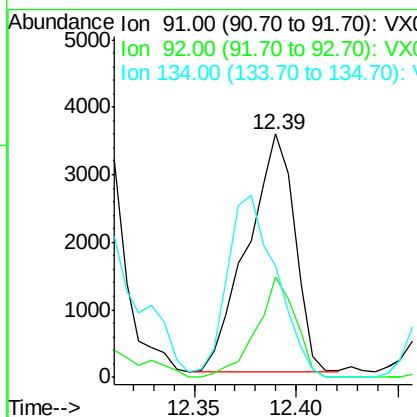
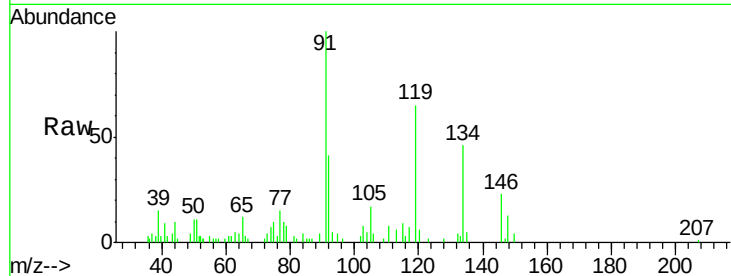




#89
n-Butylbenzene
Concen: 0.61 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002494.D
Acq: 13 Jun 2018 04:24

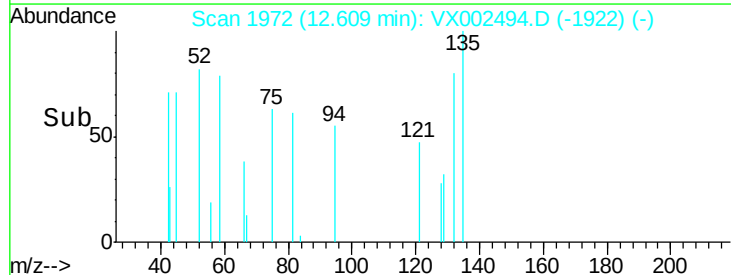
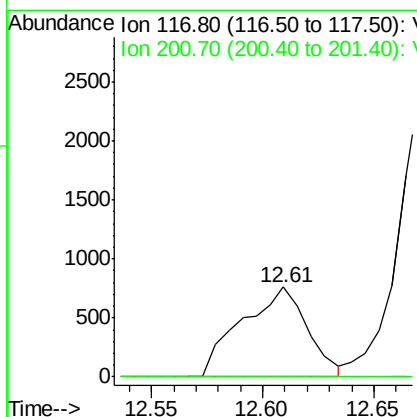
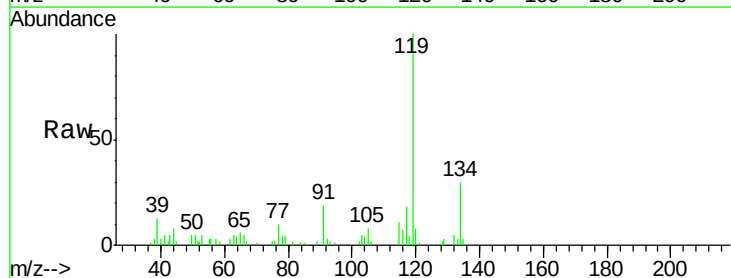
Instrument :
MSVOA_X
ClientSampled :

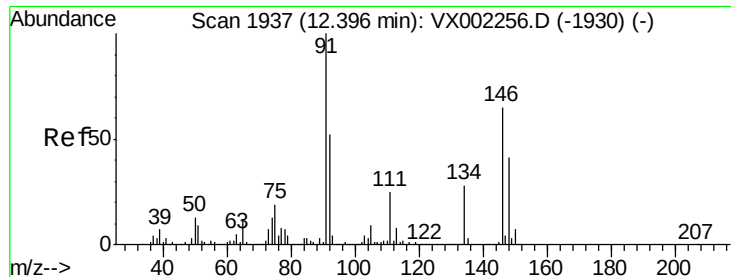
Tot Ion: 91 Resp: 5673
Ion Ratio Lower Upper
91 100
92 34.7 26.0 78.0
134 79.3 13.5 40.5#



#90
Hexachloroethane
Concen: 0.88 ug/l
RT: 12.61 min Scan# 1972
Delta R.T. 0.01 min
Lab File: VX002494.D
Acq: 13 Jun 2018 04:24

Tgt Ion: 117 Resp: 1562
Ion Ratio Lower Upper
117 100
201 0.0 49.0 147.0#

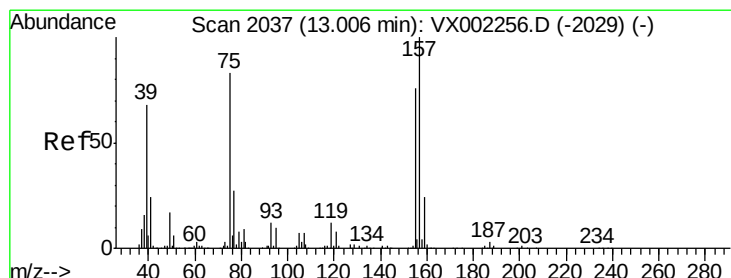
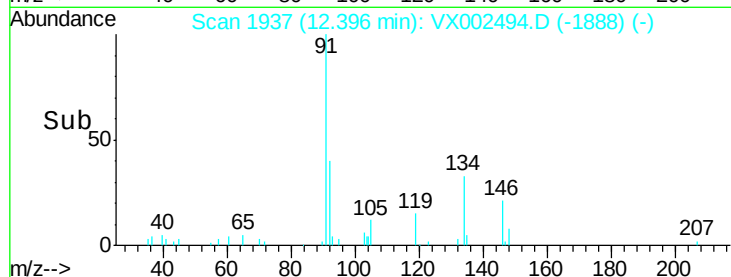
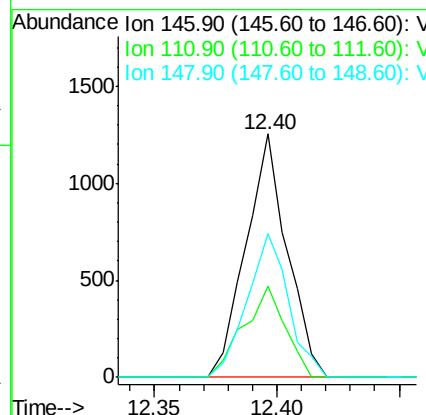
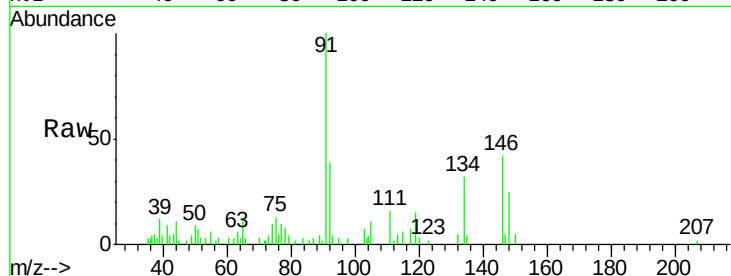




#91
 1,2-Dichlorobenzene
 Concen: 0.23 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002494.D
 Acq: 13 Jun 2018 04:24

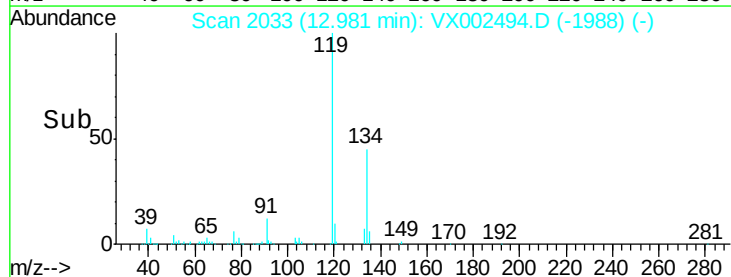
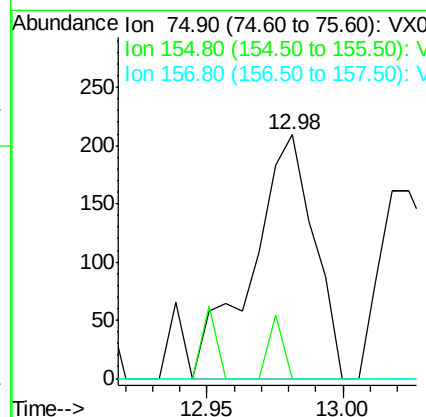
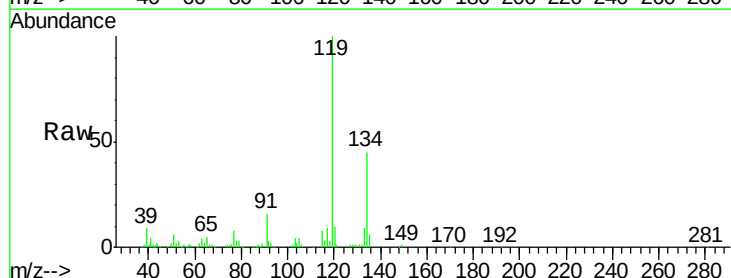
Instrument :
 MSVOA_X
 ClientSampleId :

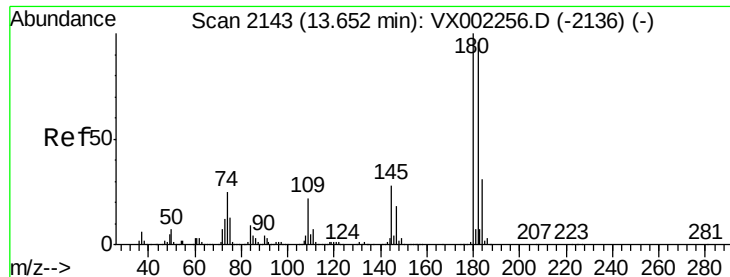
Tot Ion:146 Resp: 1475
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.4 58.1
 148 59.1 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.39 ug/l
 RT: 12.98 min Scan# 2033
 Delta R.T. -0.02 min
 Lab File: VX002494.D
 Acq: 13 Jun 2018 04:24

Tgt Ion: 75 Resp: 330
 Ion Ratio Lower Upper
 75 100
 155 6.1 45.8 137.4#
 157 0.0 60.1 180.3#

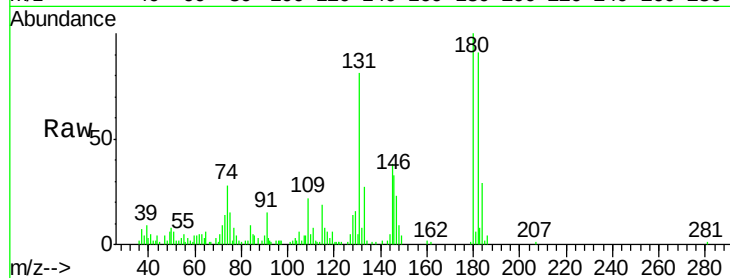




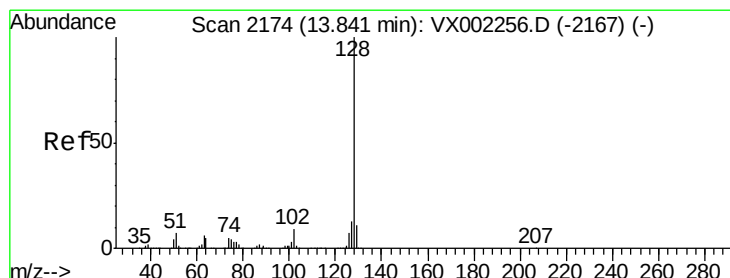
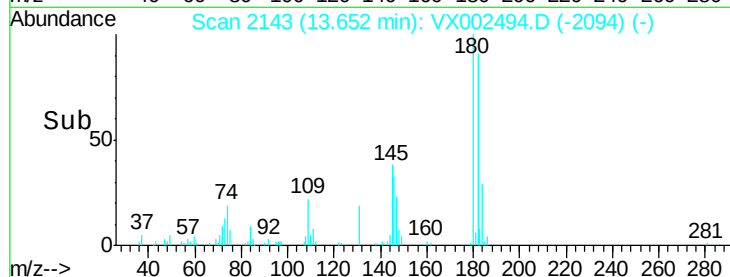
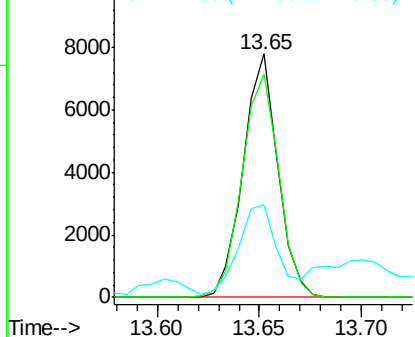
#93
 1,2,4-Trichlorobenzene
 Concen: 2.04 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002494.D
 Acq: 13 Jun 2018 04:24

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 9248
 Ion Ratio Lower Upper
 180 100
 182 96.9 47.7 143.1
 145 42.7 14.1 42.4#

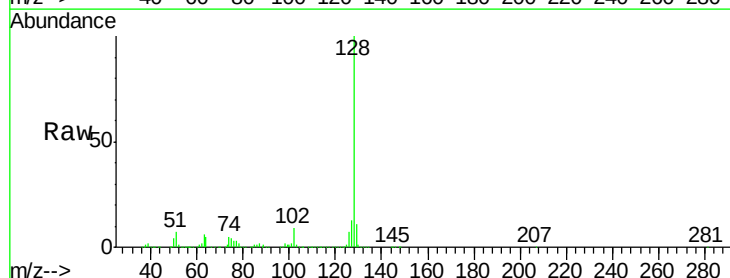


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

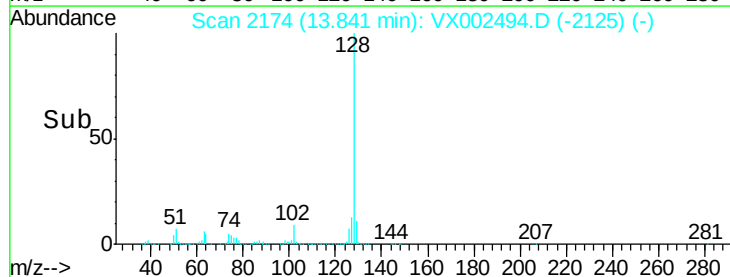
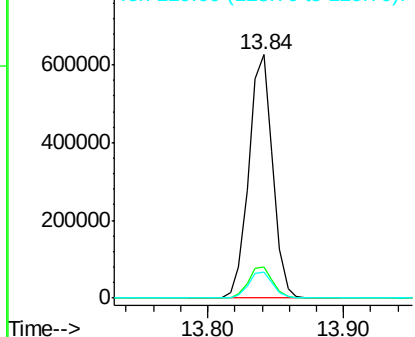


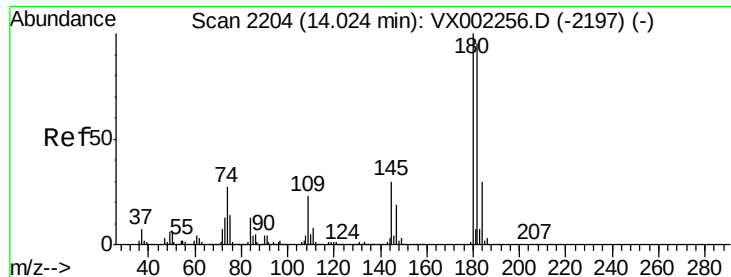
#95
 Naphthalene
 Concen: 59.10 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: VX002494.D
 Acq: 13 Jun 2018 04:24

Tgt Ion:128 Resp: 768897
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.4 15.6
 129 11.0 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

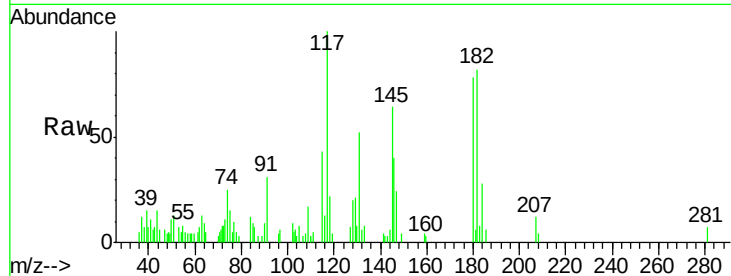




#96
 1,2,3-Trichlorobenzene
 Concen: 0.39 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX002494.D
 Acq: 13 Jun 2018 04:24

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 1824
 Ion Ratio Lower Upper
 180 100
 182 103.3 48.0 144.0
 145 119.1 14.8 44.3#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

