

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061218\
 Data File : VX002496.D
 Acq On : 13 Jun 2018 05:18
 Operator : JC/MD
 Sample : J3245-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 13 07:20:38 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	206436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	307799	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	287880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159841	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	152981	51.96	ug/l	0.00
Spiked Amount			Recovery	=	103.92%	
35) Dibromofluoromethane	5.51	113	111811	46.19	ug/l	0.00
Spiked Amount			Recovery	=	92.38%	
50) Toluene-d8	8.72	98	442801	47.73	ug/l	0.00
Spiked Amount			Recovery	=	95.46%	
62) 4-Bromofluorobenzene	11.14	95	153378	42.87	ug/l	0.00
Spiked Amount			Recovery	=	85.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	631	Below Cal		91
5) Bromomethane	1.67	94	783	Below Cal		86
8) Diethyl Ether	2.18	74	392	Below Cal		93
10) Methyl Iodide	2.53	142	703	0.22 ug/l	#	90
11) Tert butyl alcohol	3.07	59	1129	Below Cal		100
13) Acrolein	2.31	56	238	Below Cal	#	68
14) Allyl chloride	2.86	41	26998	5.66 ug/l	#	24
15) Acrylonitrile	3.15	53	263	Below Cal	#	64
16) Acetone	2.45	43	22229	Below Cal		96
18) Methyl Acetate	2.78	43	19709	4.19 ug/l		95
19) Methyl tert-butyl Ether	3.21	73	44	Below Cal	#	1
20) Methylene Chloride	2.86	84	690426	310.17 ug/l		98
22) Diisopropyl ether	3.89	45	139	Below Cal	#	35
25) 2-Butanone	4.71	43	3361	1.66 ug/l		92
28) Bromochloromethane	5.06	49	49	Below Cal	#	13
29) Tetrahydrofuran	5.16	42	644	0.49 ug/l	#	85
30) Chloroform	5.22	83	973	0.21 ug/l		91
36) 1,1-Dichloropropene	5.67	75	15417	4.76 ug/l	#	50
38) Carbon Tetrachloride	5.67	117	19583	5.78 ug/l	#	14
39) Methylcyclohexane	7.46	83	552	0.40 ug/l		98
44) Trichloroethene	7.22	130	717	0.26 ug/l		90
51) 4-Methyl-2-Pentanone	8.66	43	1566	0.38 ug/l		88
52) Toluene	8.79	92	2045	0.32 ug/l		99
65) Chlorobenzene	10.15	112	2352	0.33 ug/l		100
67) Ethyl Benzene	10.26	91	3633	0.30 ug/l		90
68) m/p-Xylenes	10.36	106	2743	0.59 ug/l		93
69) o-Xylene	10.70	106	1672	0.36 ug/l		99
73) Isopropylbenzene	11.02	105	2821	0.25 ug/l		95
76) 1,2,3-Trichloropropane	11.14	75	82804	23.61 ug/l	#	33
78) n-propylbenzene	11.37	91	6625	0.54 ug/l		99
80) 1,3,5-Trimethylbenzene	11.51	105	2340	0.25 ug/l		96
81) trans-1,4-Dichloro-2-buten	11.14	75	82804	82.76 ug/l	#	7
84) 1,2,4-Trimethylbenzene	11.81	105	6748	0.69 ug/l		93
85) sec-Butylbenzene	11.95	105	4130	0.38 ug/l		84

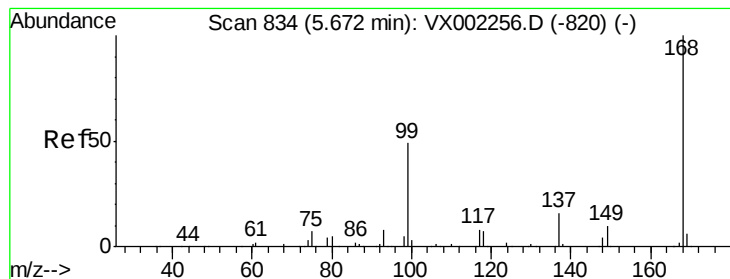
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061218\
Data File : VX002496.D
Acq On : 13 Jun 2018 05:18
Operator : JC/MD
Sample : J3245-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 13 07:20:38 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)
89) n-Butylbenzene	12.39	91	3306	0.40	ug/l #	66
90) Hexachloroethane	12.68	117	3054	1.93	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	12.99	75	226	0.30	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.65	180	861	0.21	ug/l #	17
95) Naphthalene	13.84	128	167748	14.42	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002496.D

Acq: 13 Jun 2018 05:18

Instrument :

MSVOA_X

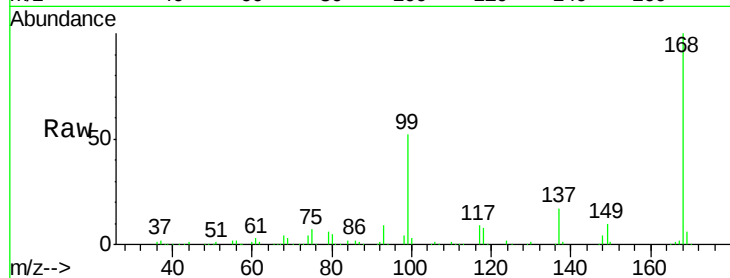
ClientSampled :

Tot Ion:168 Resp: 206436

Ion Ratio Lower Upper

168 100

99 51.8 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

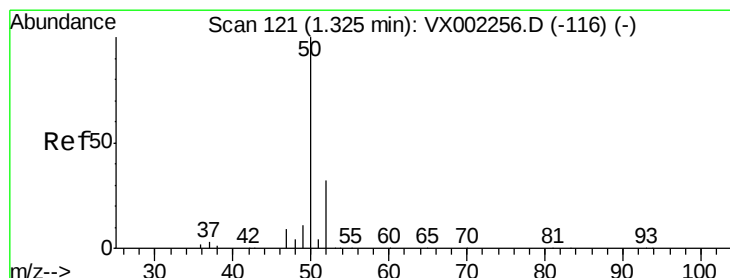
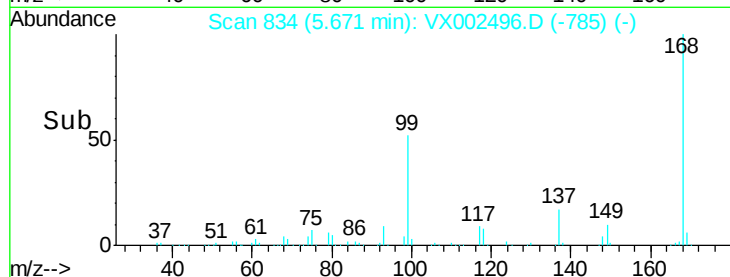
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX002496.D

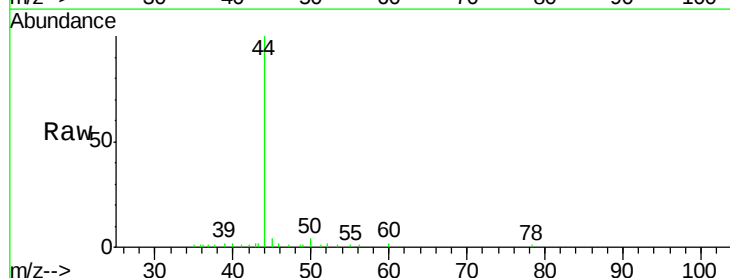
Acq: 13 Jun 2018 05:18

Tgt Ion: 50 Resp: 631

Ion Ratio Lower Upper

50 100

52 36.9 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

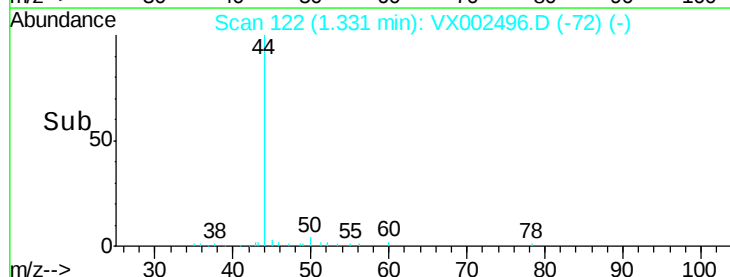
300

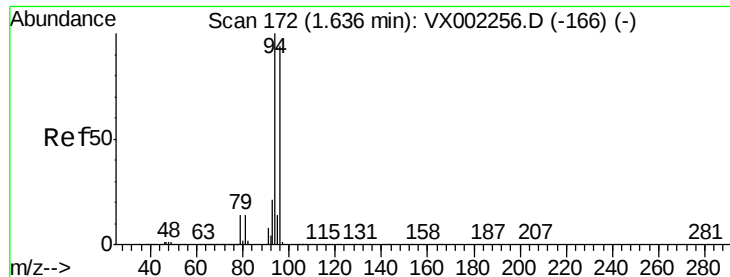
200

100

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.67 min Scan# 177

Delta R.T. 0.03 min

Lab File: VX002496.D

Acq: 13 Jun 2018 05:18

Instrument :

MSVOA_X

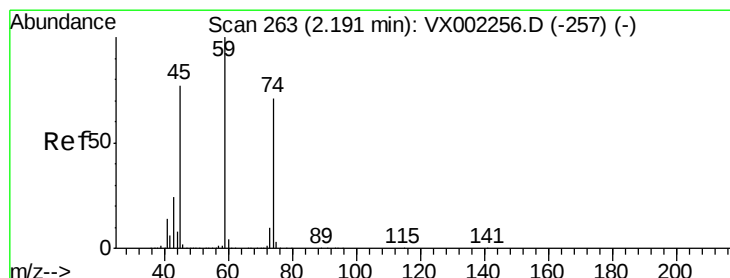
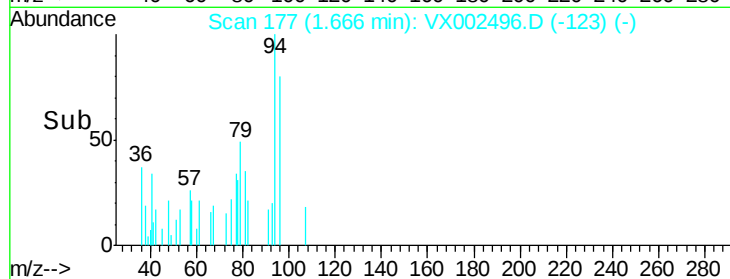
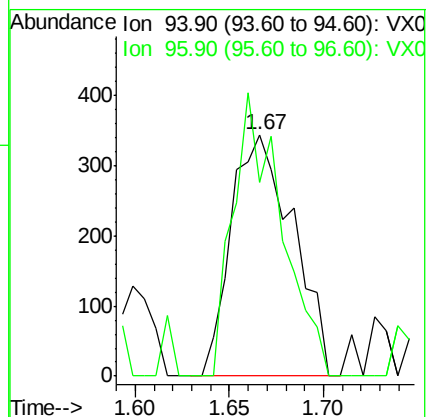
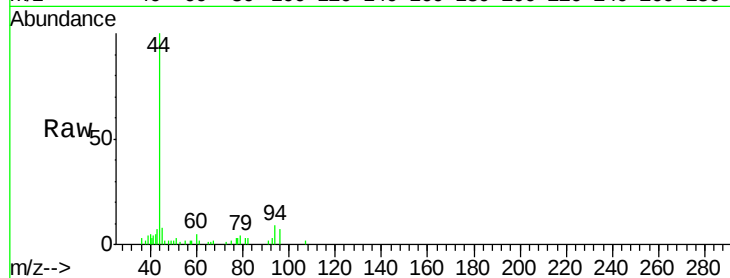
ClientSampled :

Tot Ion: 94 Resp: 783

Ion Ratio Lower Upper

94 100

96 80.2 74.9 112.3



#8

Diethyl Ether

Concen: Below Cal

RT: 2.18 min Scan# 262

Delta R.T. -0.01 min

Lab File: VX002496.D

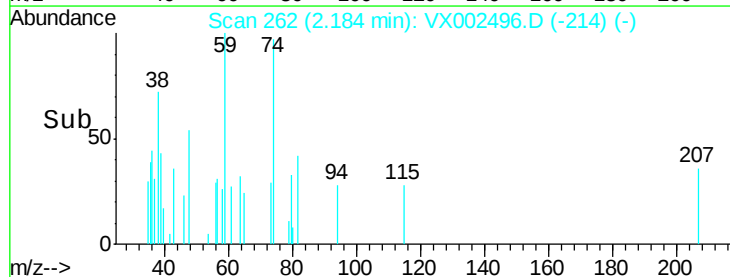
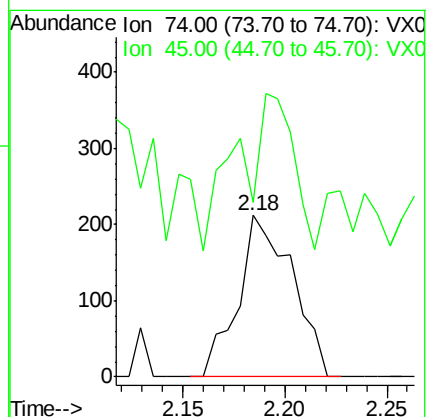
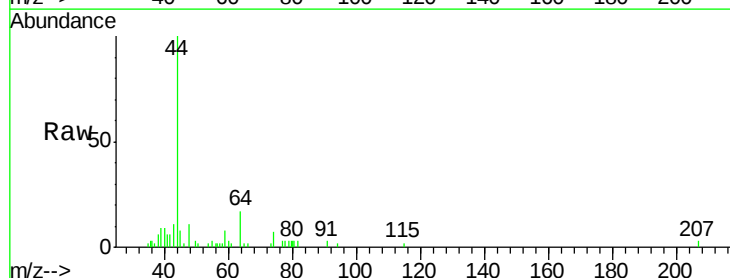
Acq: 13 Jun 2018 05:18

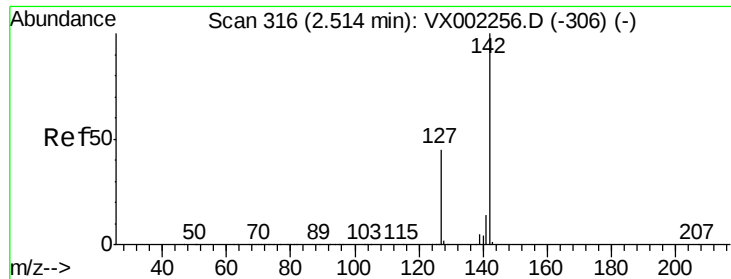
Tgt Ion: 74 Resp: 392

Ion Ratio Lower Upper

74 100

45 99.0 53.1 159.4

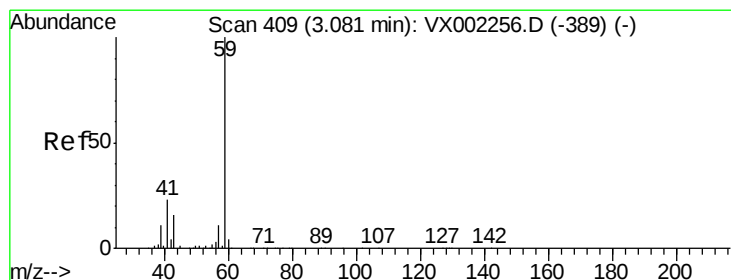
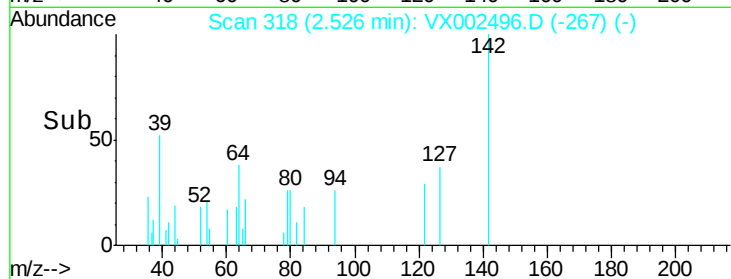
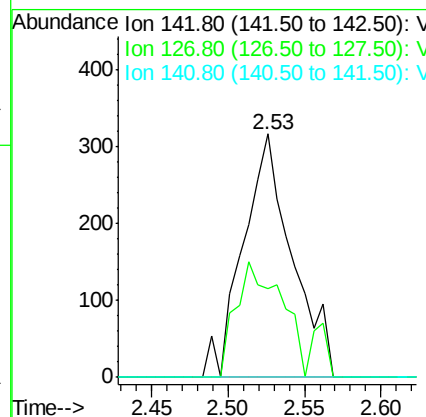
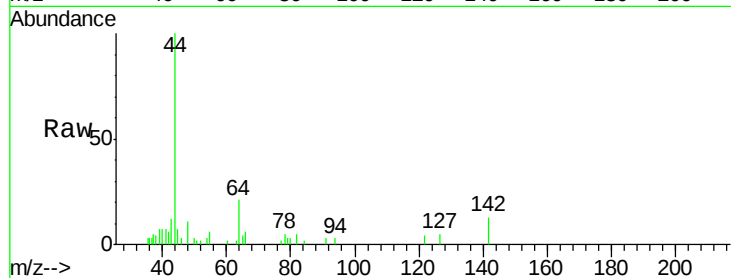




#10
Methyl Iodide
Concen: 0.22 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX002496.D
Acq: 13 Jun 2018 05:18

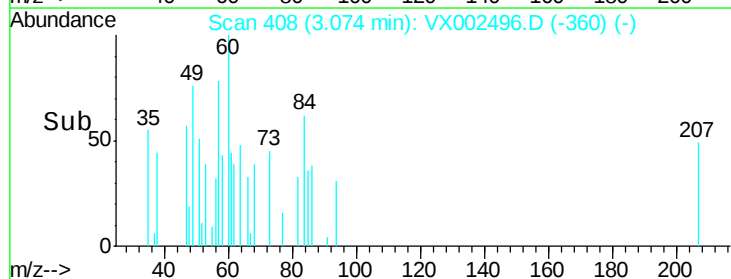
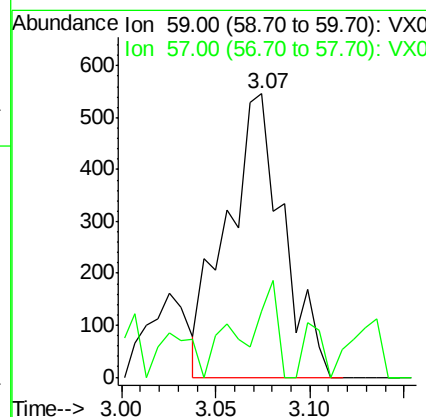
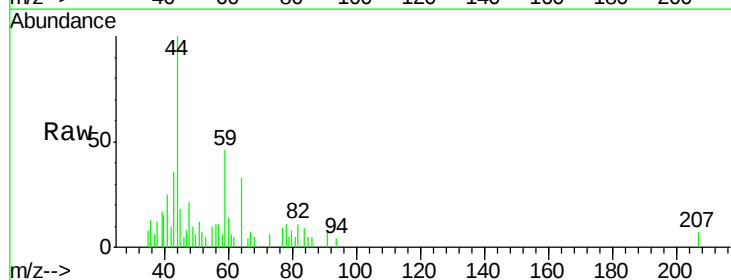
Instrument :
MSVOA_X
ClientSampleId :

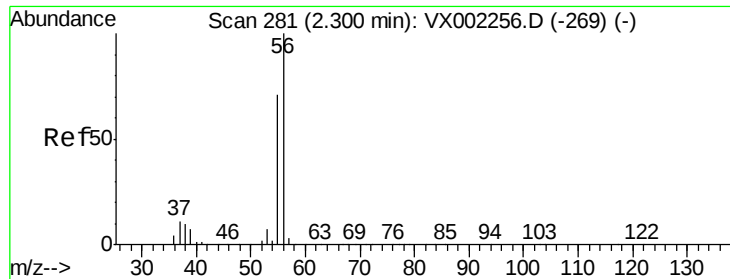
Tot Ion:142 Resp: 703
Ion Ratio Lower Upper
142 100
127 44.5 36.6 55.0
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002496.D
Acq: 13 Jun 2018 05:18

Tgt Ion: 59 Resp: 1129
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2





#13

Acrolein

Concen: Below Cal

RT: 2.31 min Scan# 283

Delta R.T. 0.01 min

Lab File: VX002496.D

Acq: 13 Jun 2018 05:18

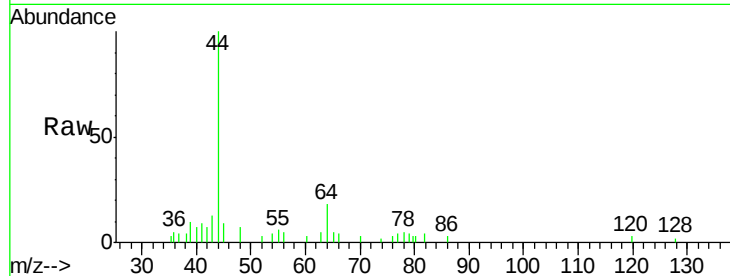
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 238

Ion Ratio Lower Upper

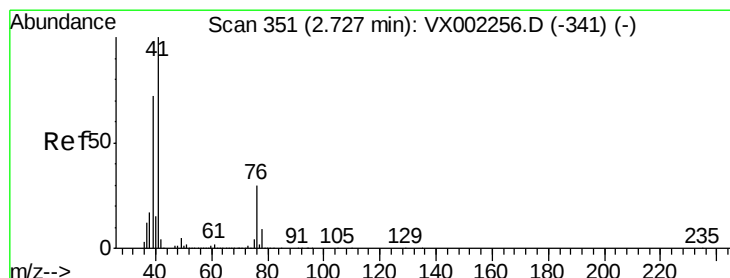
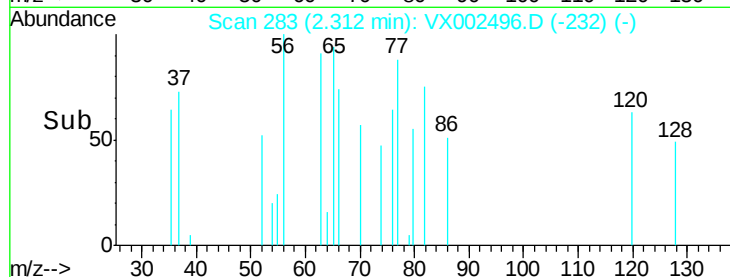
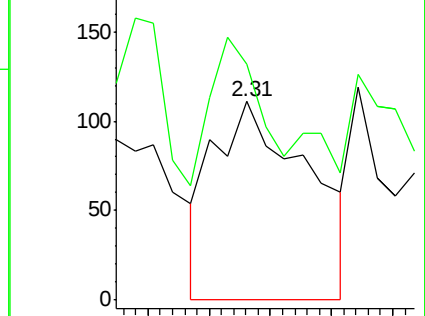
56 100

55 45.0 57.0 85.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 5.66 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.13 min

Lab File: VX002496.D

Acq: 13 Jun 2018 05:18

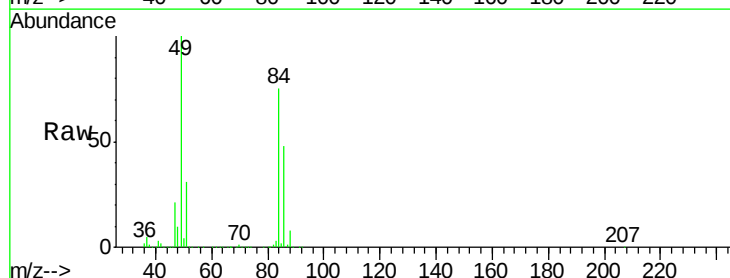
Tgt Ion: 41 Resp: 26998

Ion Ratio Lower Upper

41 100

39 1.2 56.8 85.2#

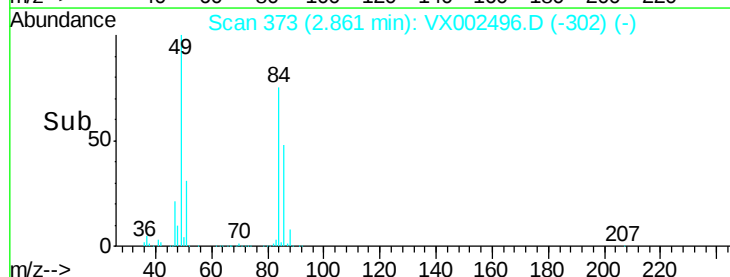
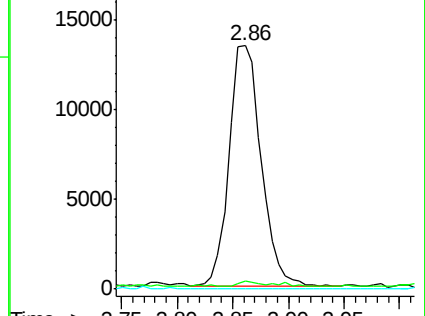
76 0.0 23.8 35.8#

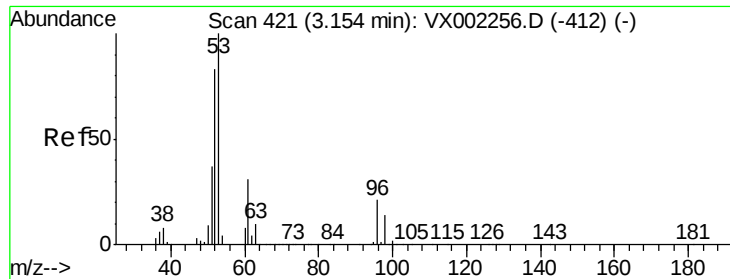


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: Below Cal

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

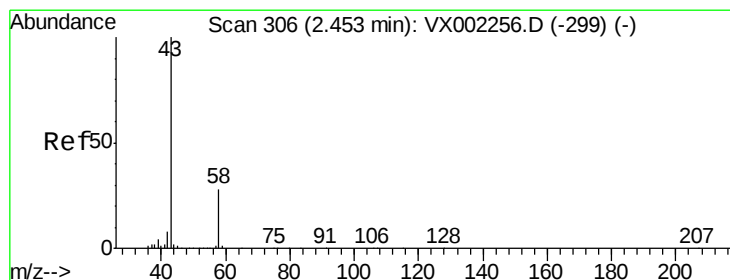
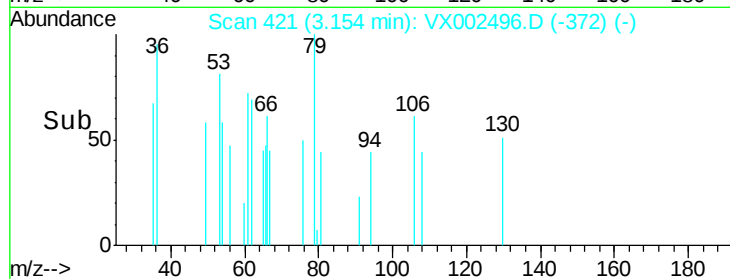
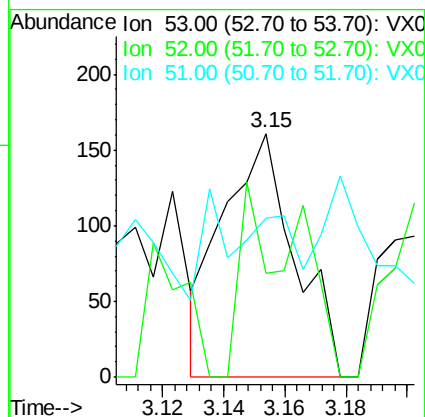
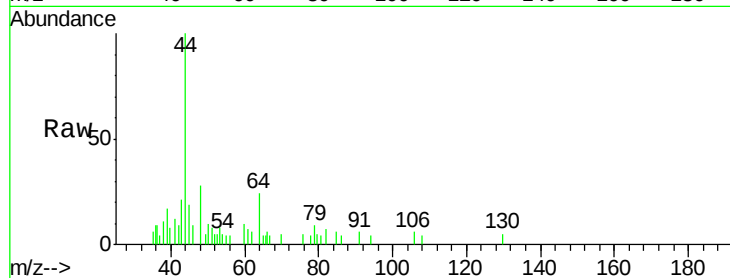
Lab File: VX002496.D

Acq: 13 Jun 2018 05:18

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 53 Resp: 263

Ion	Ratio	Lower	Upper
53	100		
52	61.6	66.7	100.1#
51	0.0	29.9	44.9#



#16

Acetone

Concen: Below Cal

RT: 2.45 min Scan# 305

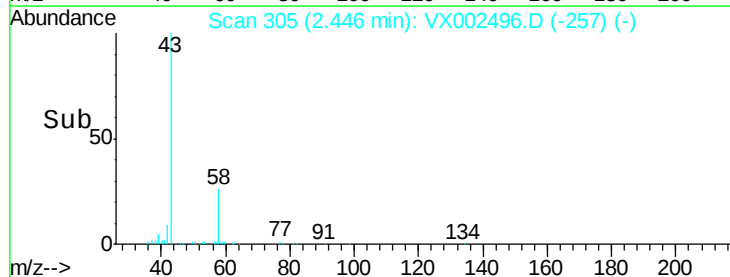
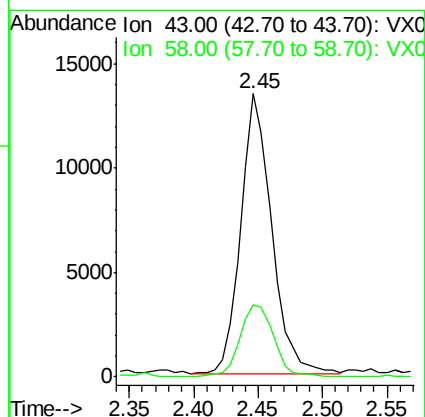
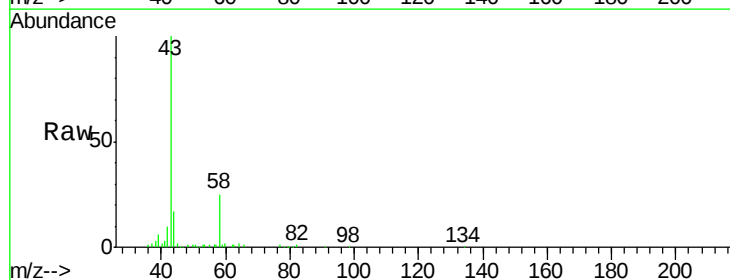
Delta R.T. -0.01 min

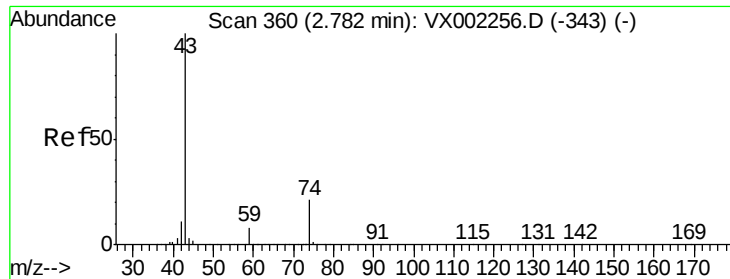
Lab File: VX002496.D

Acq: 13 Jun 2018 05:18

Tgt Ion: 43 Resp: 22229

Ion	Ratio	Lower	Upper
43	100		
58	25.7	22.1	33.1





#18

Methyl Acetate

Concen: 4.19 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002496.D

Acq: 13 Jun 2018 05:18

Instrument :

MSVOA_X

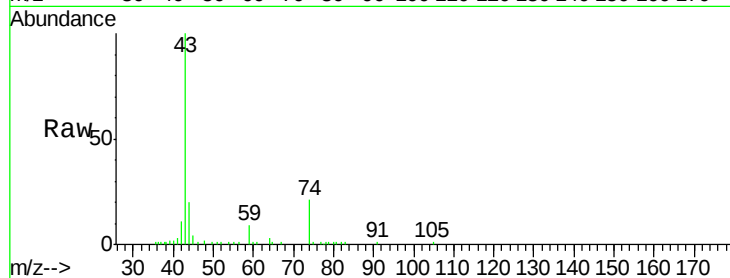
ClientSampled :

Tot Ion: 43 Resp: 19709

Ion Ratio Lower Upper

43 100

74 23.0 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

12000

10000

8000

6000

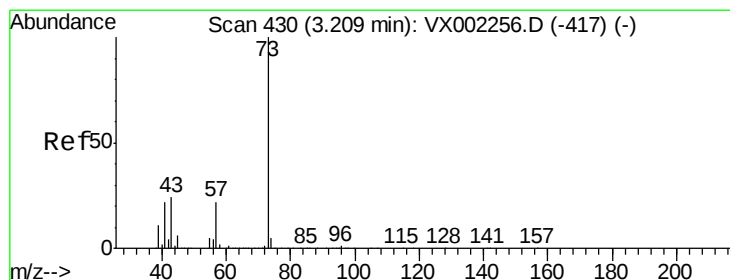
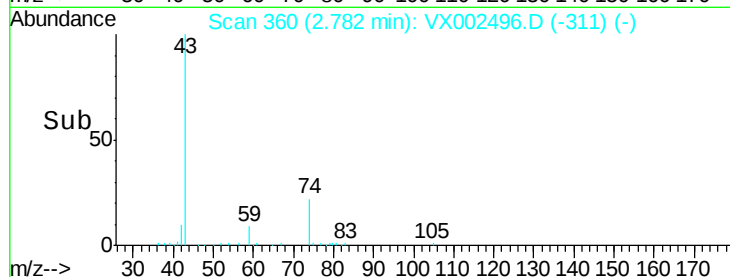
4000

2000

0

Time-->

2.70 2.75 2.80 2.85



#19

Methyl tert-butyl Ether

Concen: Below Cal

RT: 3.21 min Scan# 430

Delta R.T. 0.00 min

Lab File: VX002496.D

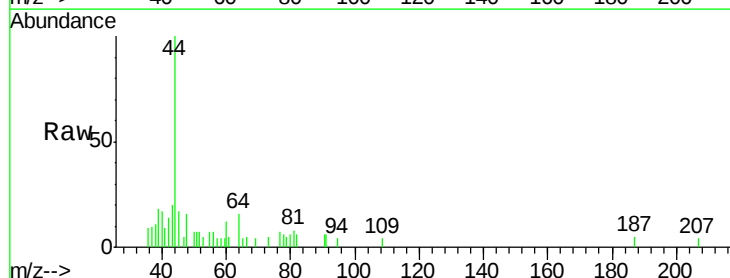
Acq: 13 Jun 2018 05:18

Tgt Ion: 73 Resp: 44

Ion Ratio Lower Upper

73 100

57 79.1 17.7 26.5#



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

100

80

60

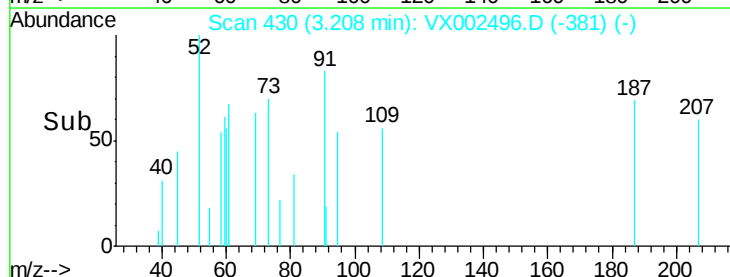
40

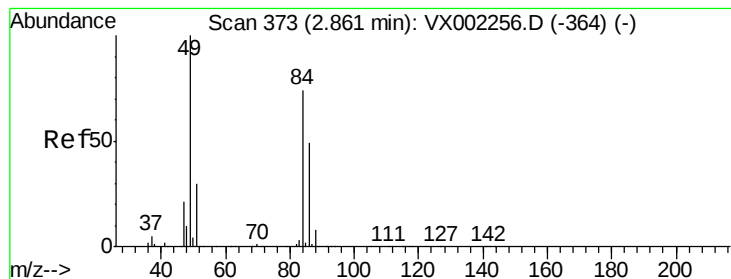
20

0

Time-->

3.20 3.22





#20

Methylene Chloride

Concen: 310.17 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX002496.D

Acq: 13 Jun 2018 05:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 84 Resp: 690426

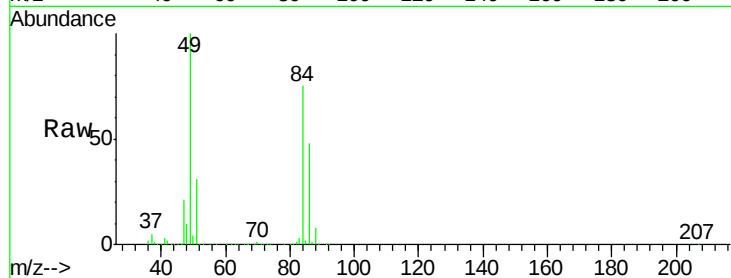
Ion Ratio Lower Upper

84 100

49 132.9 107.8 161.6

51 40.6 32.8 49.2

86 63.8 52.5 78.7

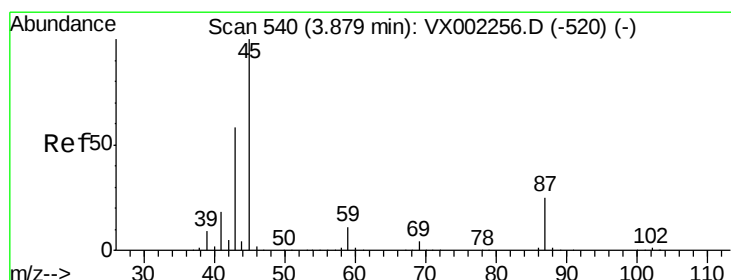
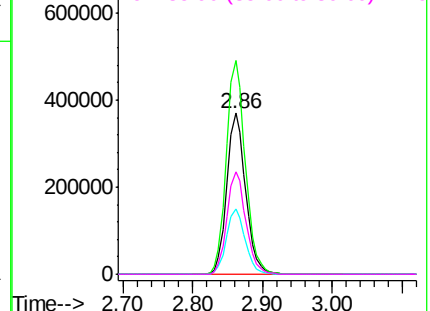
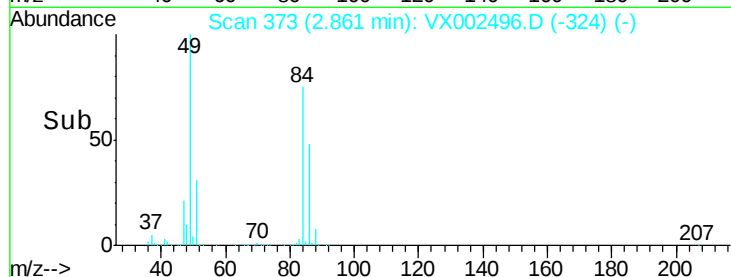


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#22

Diisopropyl ether

Concen: Below Cal

RT: 3.89 min Scan# 542

Delta R.T. 0.01 min

Lab File: VX002496.D

Acq: 13 Jun 2018 05:18

Tgt Ion: 45 Resp: 139

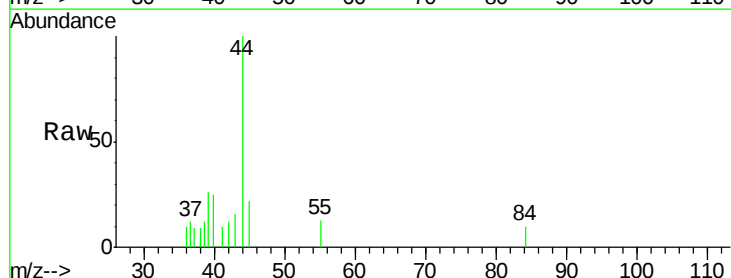
Ion Ratio Lower Upper

45 100

43 0.0 46.8 70.2#

87 0.0 20.2 30.4#

59 0.0 8.7 13.1#

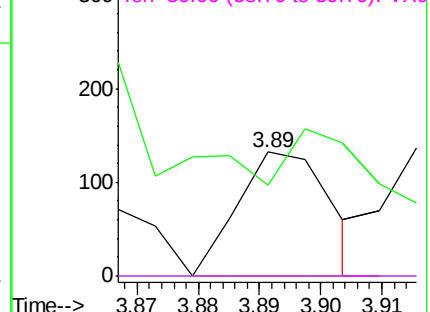
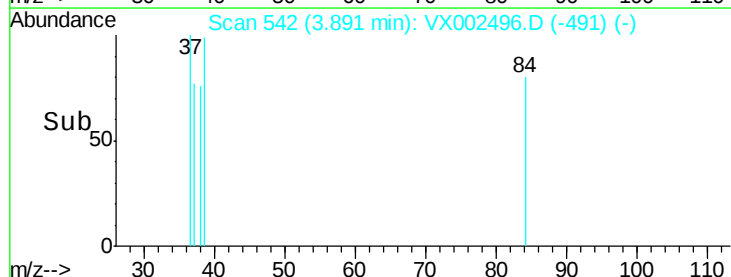


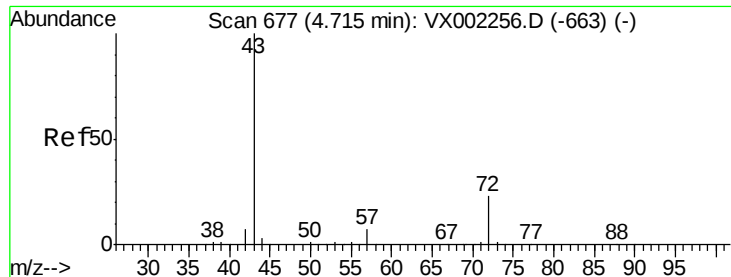
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#25

2-Butanone

Concen: 1.66 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002496.D

Acq: 13 Jun 2018 05:18

Instrument :

MSVOA_X

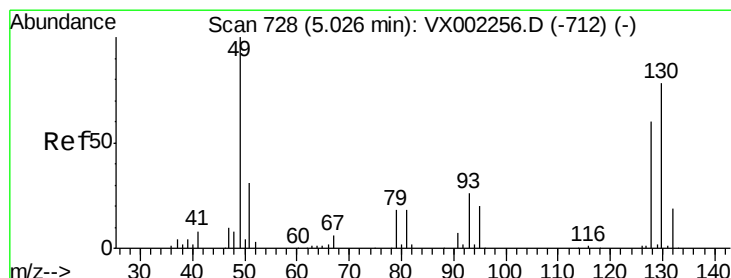
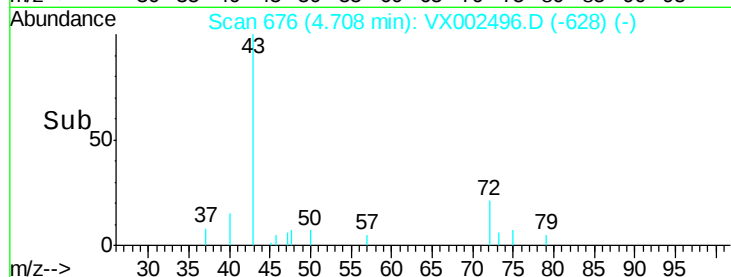
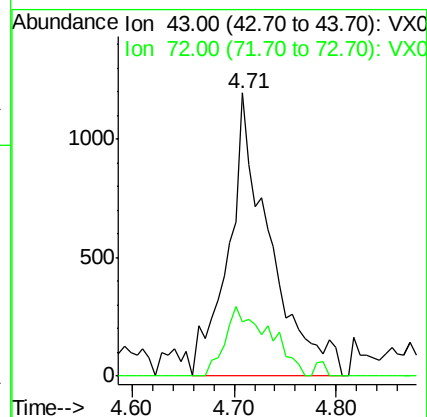
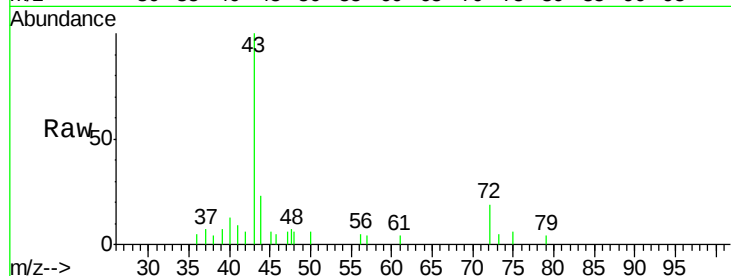
ClientSampled :

Tot Ion: 43 Resp: 3361

Ion Ratio Lower Upper

43 100

72 19.1 18.5 27.7



#28

Bromochloromethane

Concen: Below Cal

RT: 5.06 min Scan# 734

Delta R.T. 0.04 min

Lab File: VX002496.D

Acq: 13 Jun 2018 05:18

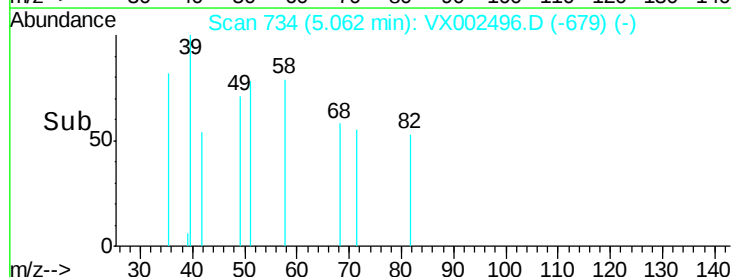
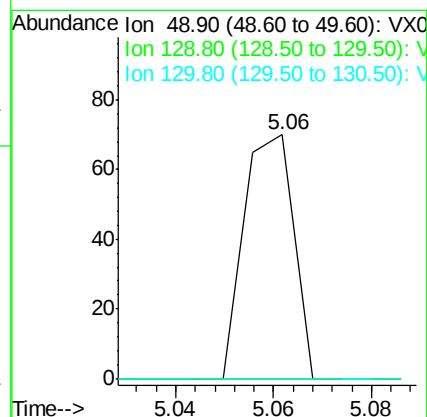
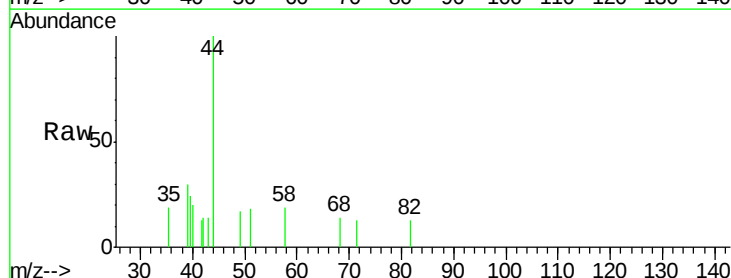
Tgt Ion: 49 Resp: 49

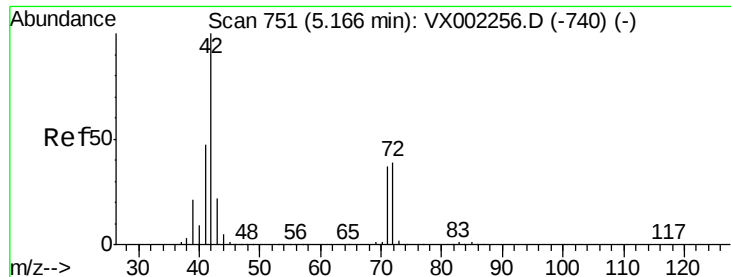
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 0.0 61.2 91.8#

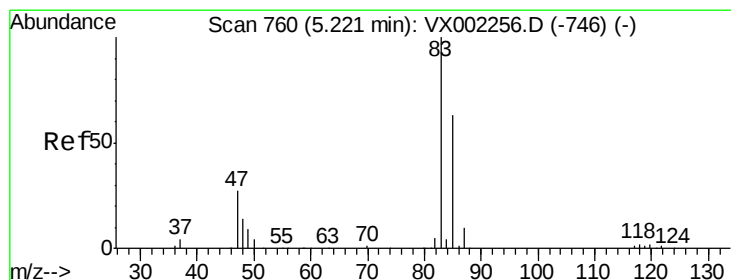
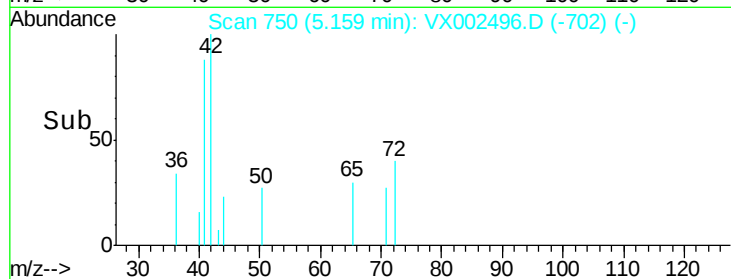
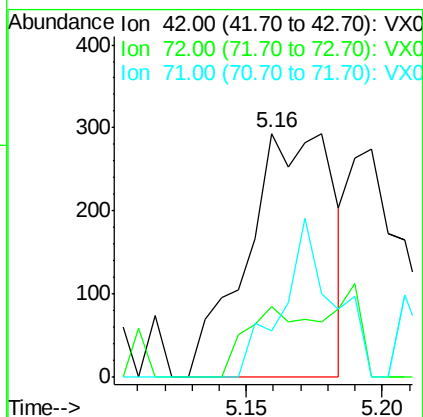
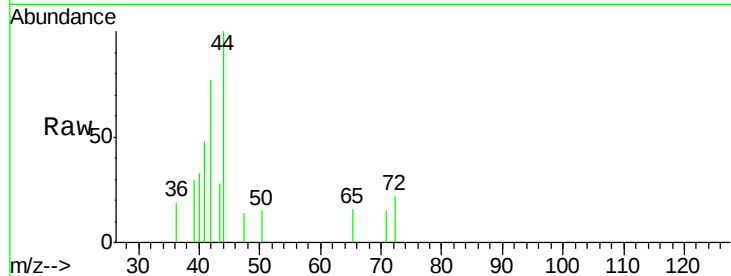




#29
Tetrahydrofuran
Concen: 0.49 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX002496.D
Acq: 13 Jun 2018 05:18

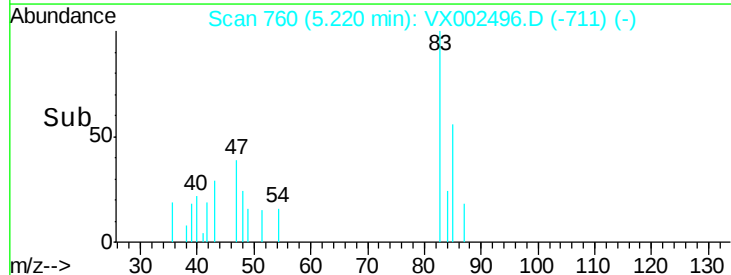
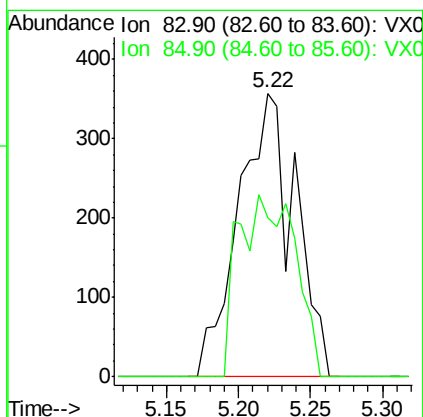
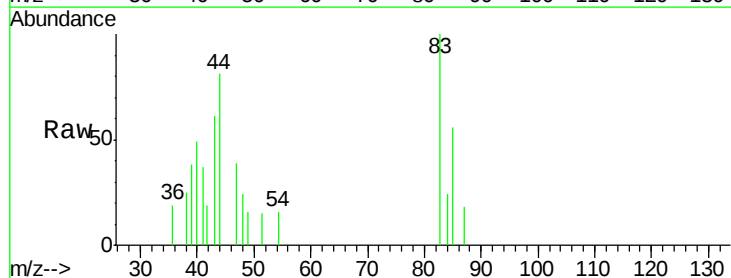
Instrument :
MSVOA_X
ClientSampleId :

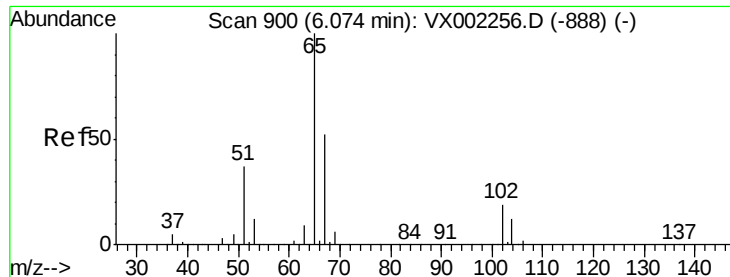
Tot Ion: 42 Resp: 644
Ion Ratio Lower Upper
42 100
72 22.8 32.0 48.0#
71 38.8 30.1 45.1



#30
Chloroform
Concen: 0.21 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002496.D
Acq: 13 Jun 2018 05:18

Tgt Ion: 83 Resp: 973
Ion Ratio Lower Upper
83 100
85 56.3 50.4 75.6





#33

1,2-Dichloroethane-d4

Concen: 51.96 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002496.D

Acq: 13 Jun 2018 05:18

Instrument :

MSVOA_X

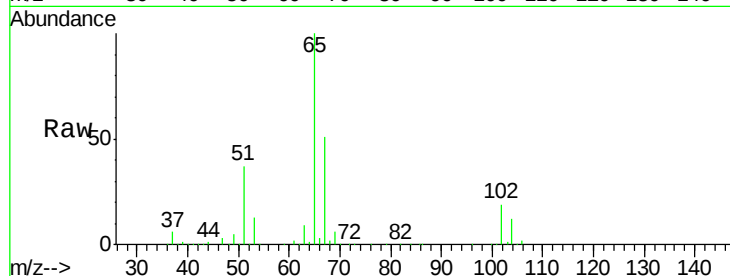
ClientSampleId :

Tot Ion: 65 Resp: 152981

Ion Ratio Lower Upper

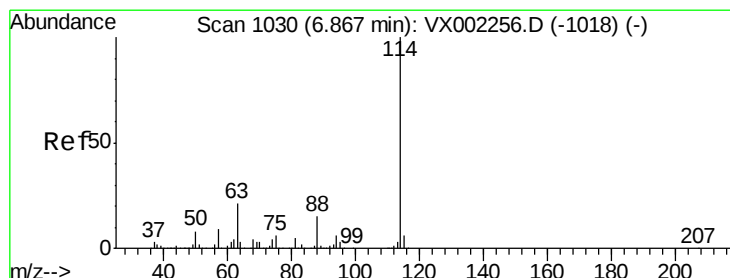
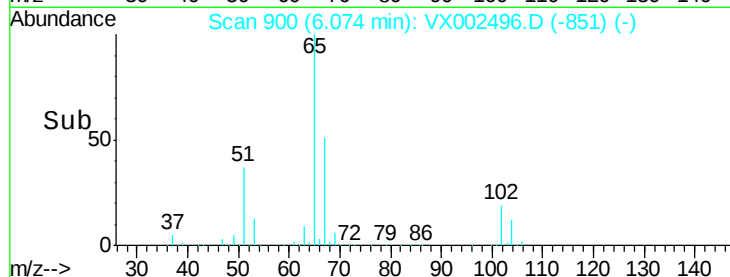
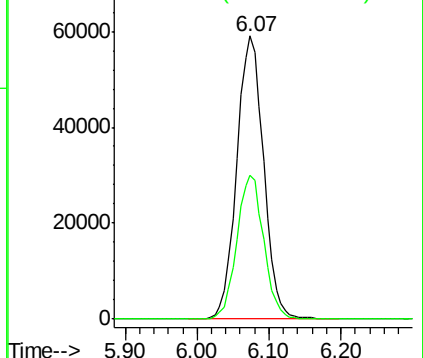
65 100

67 50.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002496.D

Acq: 13 Jun 2018 05:18

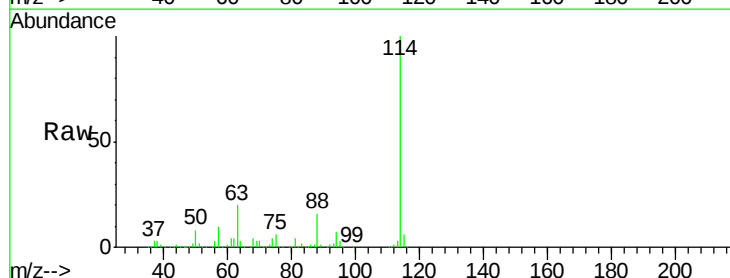
Tgt Ion: 114 Resp: 307799

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.4

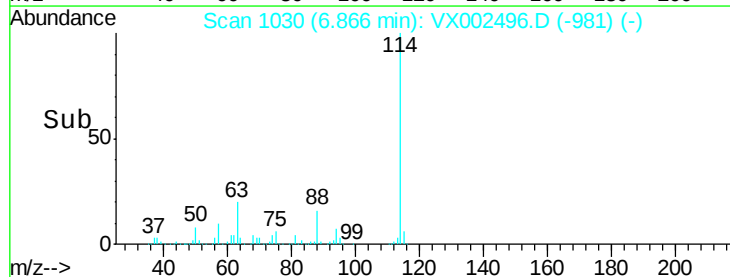
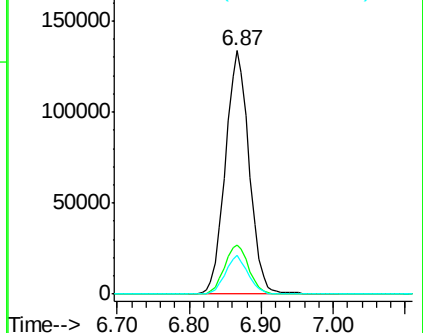
88 15.7 0.0 30.0

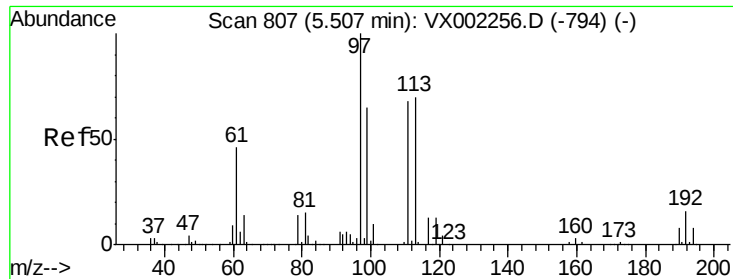


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.19 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002496.D

Acq: 13 Jun 2018 05:18

Instrument :

MSVOA_X

ClientSampled :

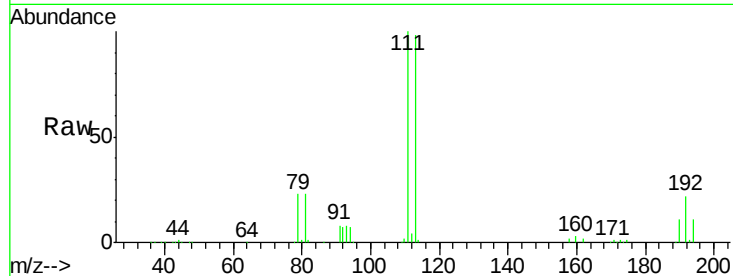
Tot Ion:113 Resp: 111811

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

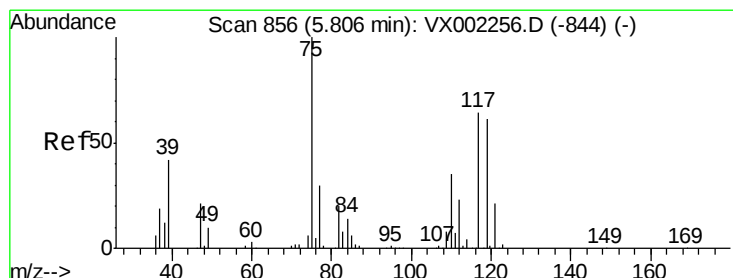
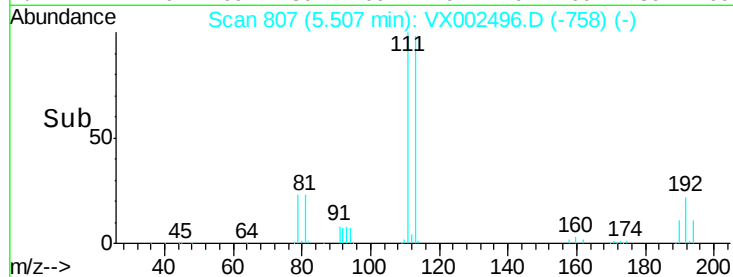
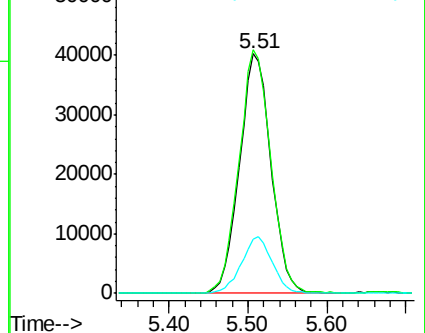
192 23.0 19.1 28.7



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: 4.76 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX002496.D

Acq: 13 Jun 2018 05:18

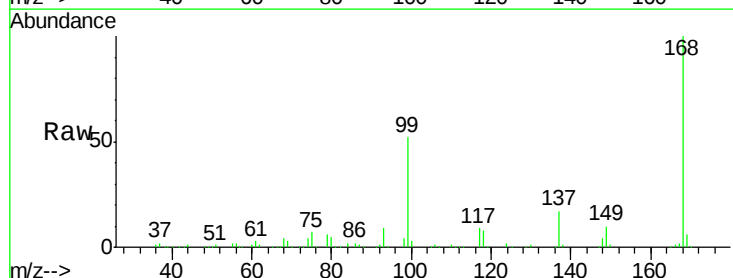
Tgt Ion: 75 Resp: 15417

Ion Ratio Lower Upper

75 100

110 9.1 18.1 54.4#

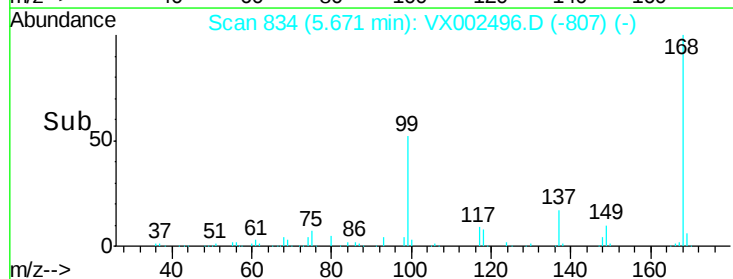
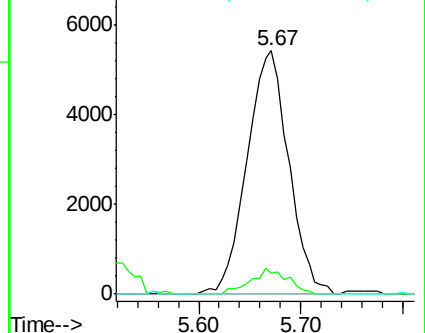
77 0.0 24.3 36.5#

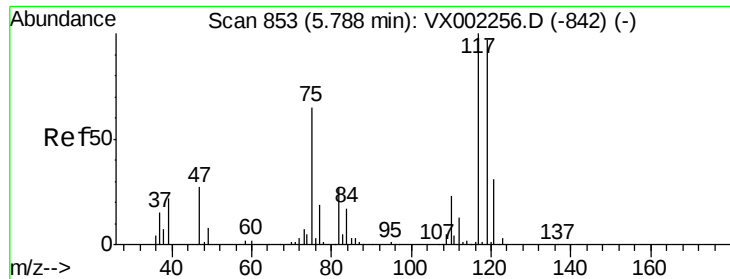


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

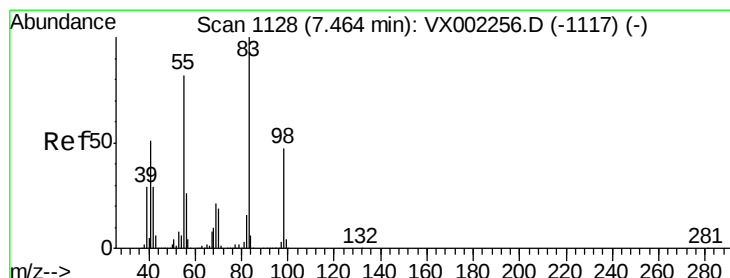
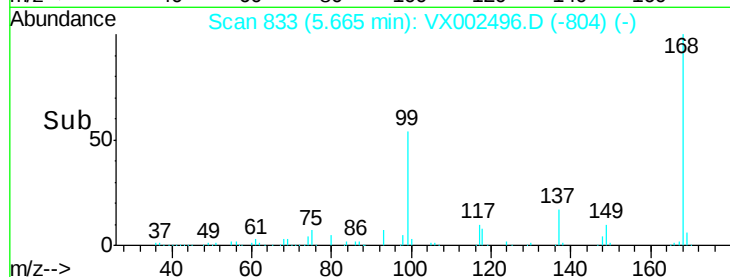
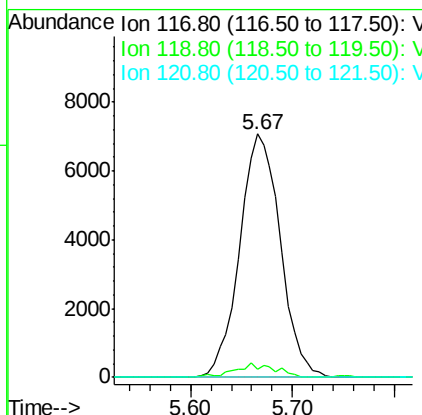
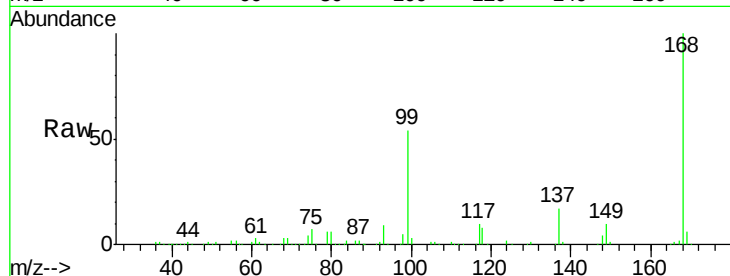




#38
Carbon Tetrachloride
Concen: 5.78 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002496.D
Acq: 13 Jun 2018 05:18

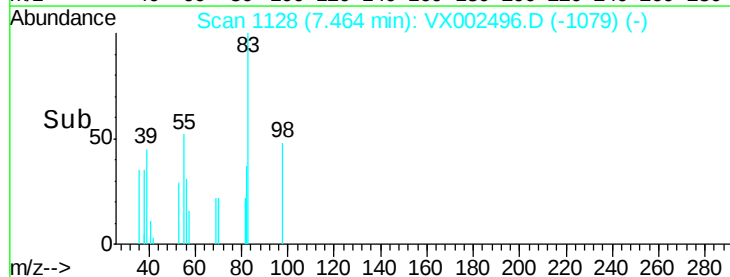
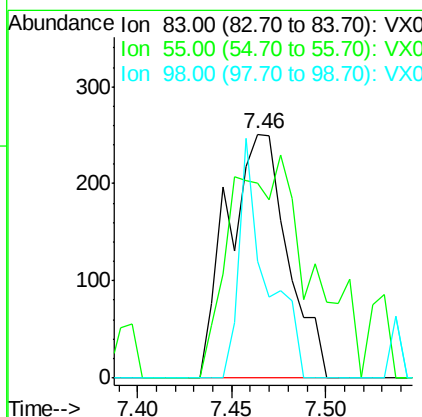
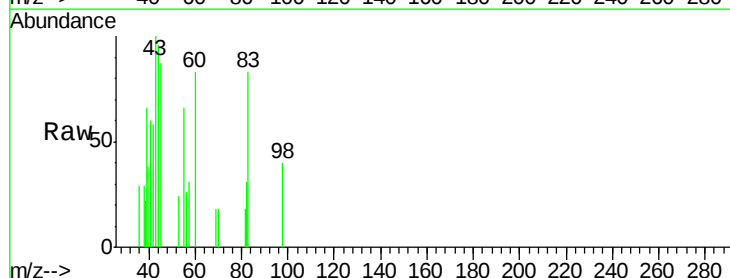
Instrument :
MSVOA_X
ClientSampleId :

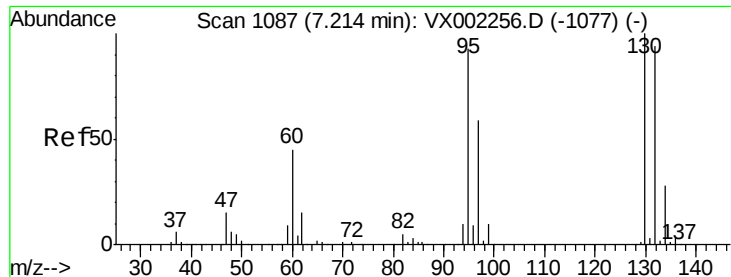
Tot Ion:117 Resp: 19583
Ion Ratio Lower Upper
117 100
119 3.4 77.4 116.0#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.40 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002496.D
Acq: 13 Jun 2018 05:18

Tgt Ion: 83 Resp: 552
Ion Ratio Lower Upper
83 100
55 79.7 65.4 98.0
98 47.8 37.4 56.0





#44

Trichloroethene

Concen: 0.26 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002496.D

Acq: 13 Jun 2018 05:18

Instrument :

MSVOA_X

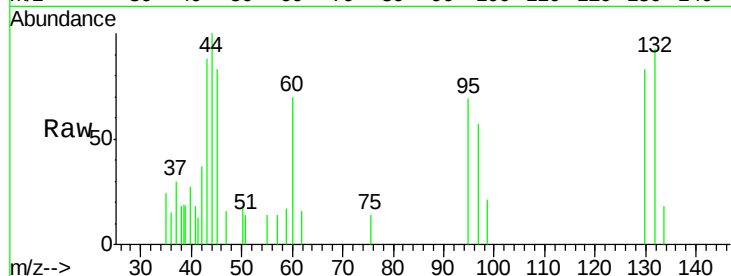
ClientSampleId :

Tot Ion:130 Resp: 717

Ion Ratio Lower Upper

130 100

95 83.6 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

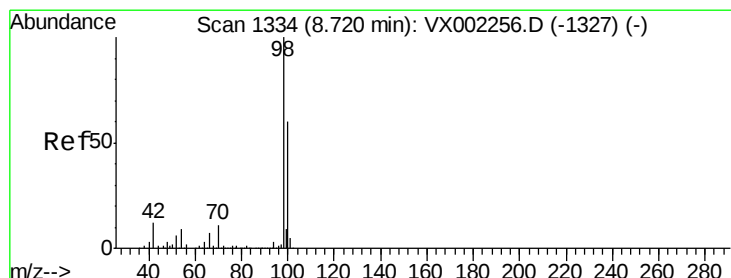
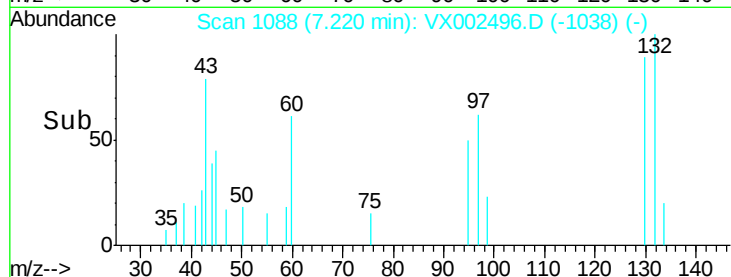
300

200

100

0

Time--> 7.15 7.20 7.25



#50

Toluene-d8

Concen: 47.73 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002496.D

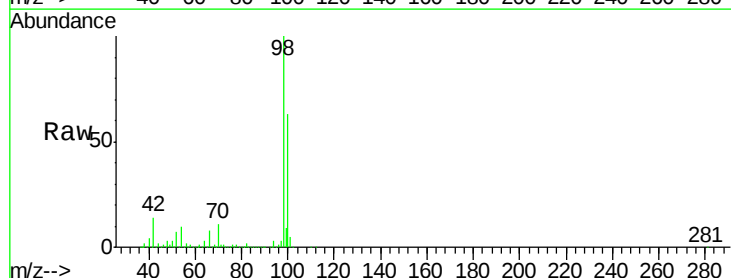
Acq: 13 Jun 2018 05:18

Tgt Ion: 98 Resp: 442801

Ion Ratio Lower Upper

98 100

100 62.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

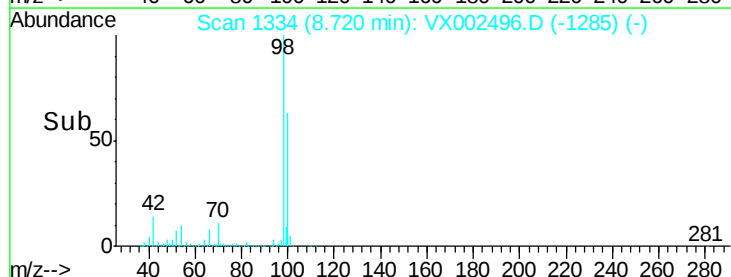
300000

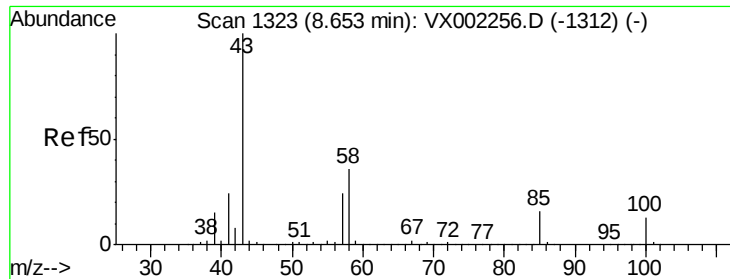
200000

100000

0

Time--> 8.60 8.70 8.80





#51

4-Methyl-2-Pentanone

Concen: 0.38 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX002496.D

Acq: 13 Jun 2018 05:18

Instrument :

MSVOA_X

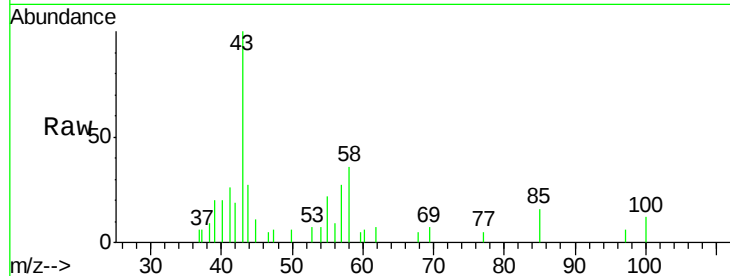
ClientSampled :

Tot Ion: 43 Resp: 1566

Ion Ratio Lower Upper

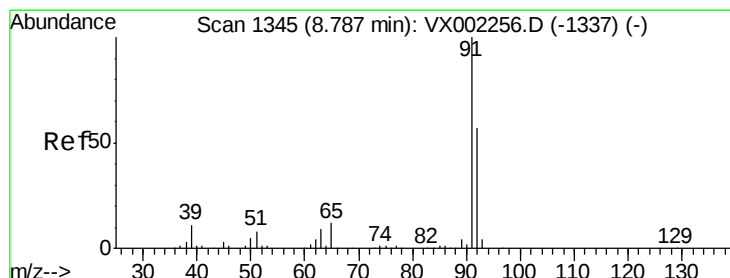
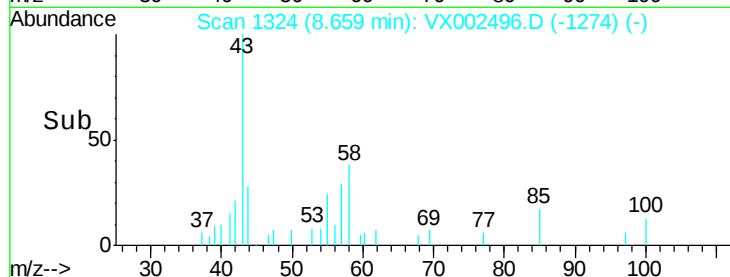
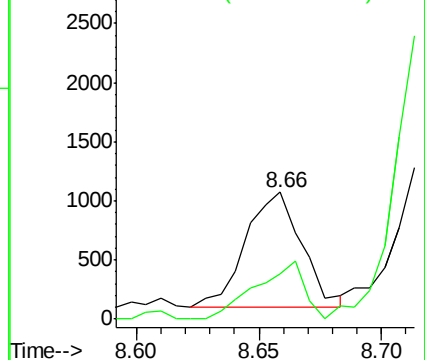
43 100

58 42.7 28.6 42.8



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

Ion 58.00 (57.70 to 58.70): VX002256.D (-1312) (-)



#52

Toluene

Concen: 0.32 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002496.D

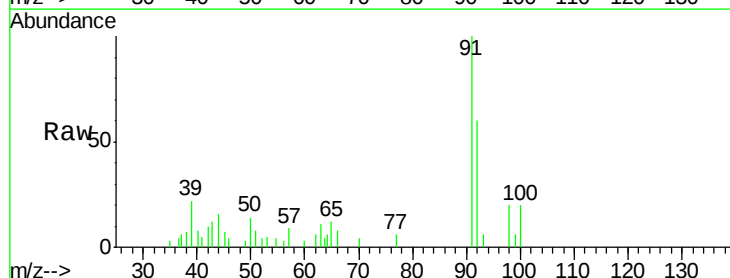
Acq: 13 Jun 2018 05:18

Tgt Ion: 92 Resp: 2045

Ion Ratio Lower Upper

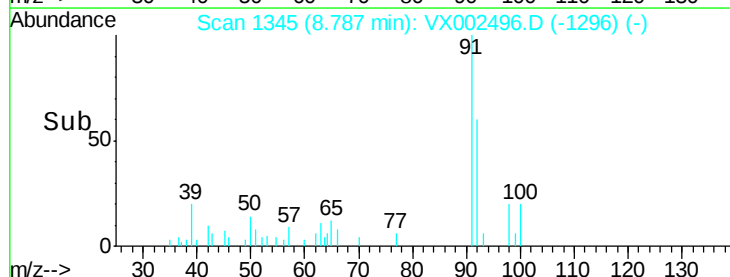
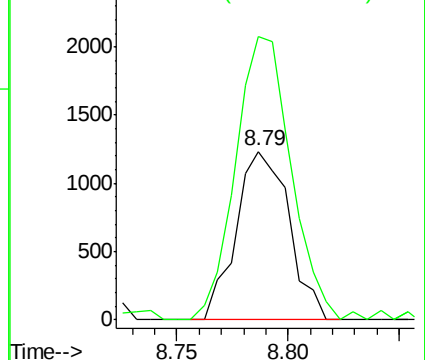
92 100

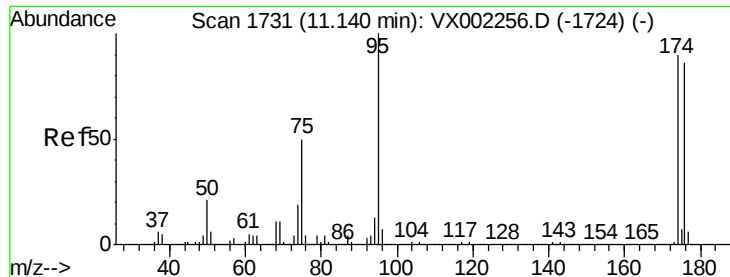
91 176.7 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX002256.D (-1337) (-)

Ion 91.00 (90.70 to 91.70): VX002256.D (-1337) (-)

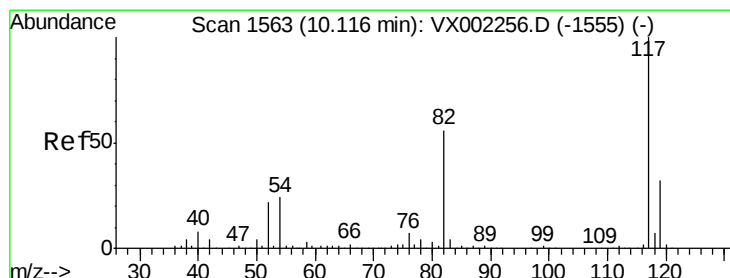
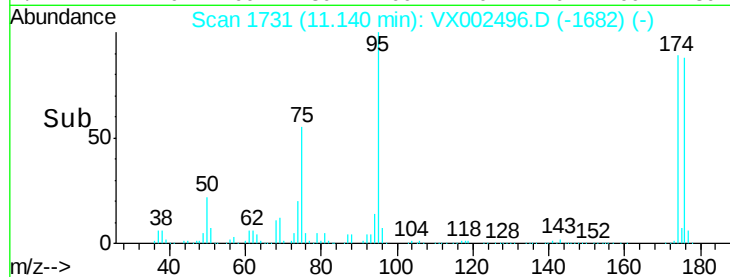
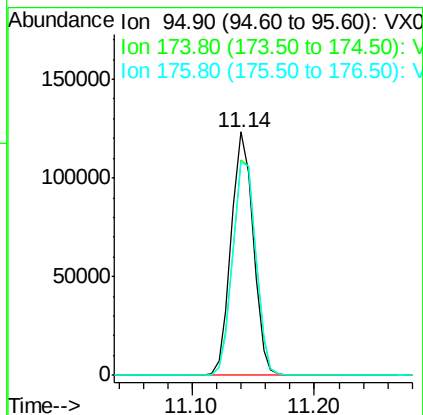
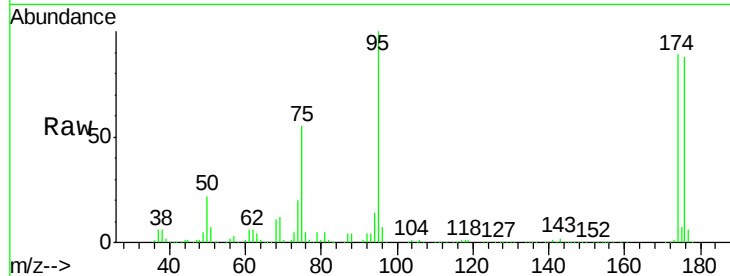




#62
4-Bromofluorobenzene
Concen: 42.87 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002496.D
Acq: 13 Jun 2018 05:18

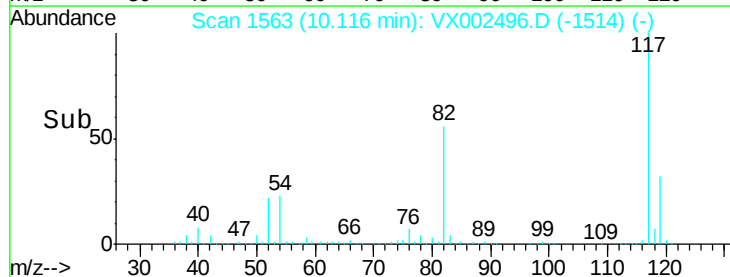
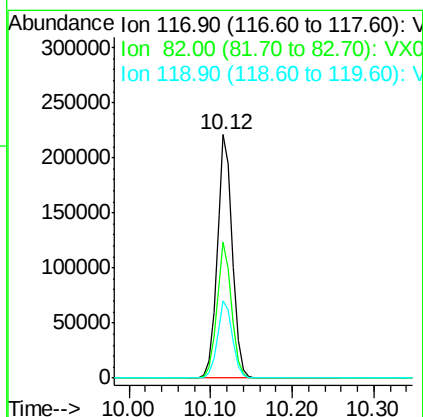
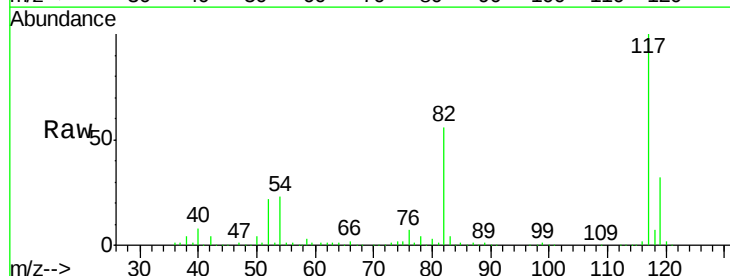
Instrument :
MSVOA_X
ClientSampleId :

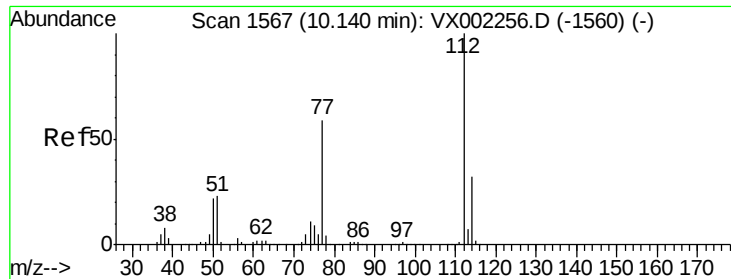
Tot Ion: 95 Resp: 153378
Ion Ratio Lower Upper
95 100
174 92.9 0.0 187.4
176 92.2 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002496.D
Acq: 13 Jun 2018 05:18

Tgt Ion: 117 Resp: 287880
Ion Ratio Lower Upper
117 100
82 55.9 45.0 67.4
119 31.6 25.8 38.6





#65

Chlorobenzene

Concen: 0.33 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.01 min

Lab File: VX002496.D

Acq: 13 Jun 2018 05:18

Instrument :

MSVOA_X

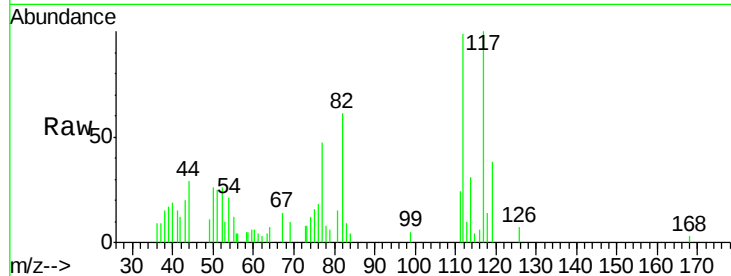
ClientSampleId :

Tot Ion:112 Resp: 2352

Ion Ratio Lower Upper

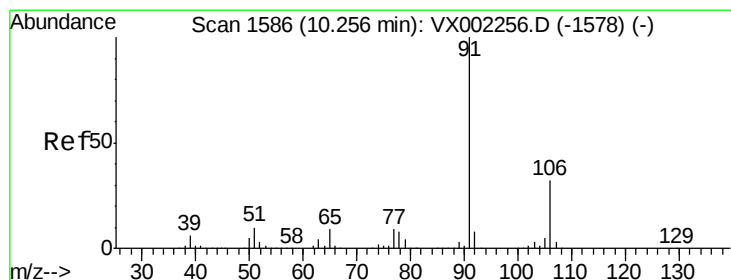
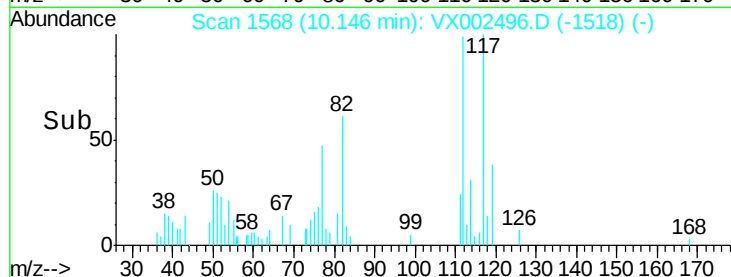
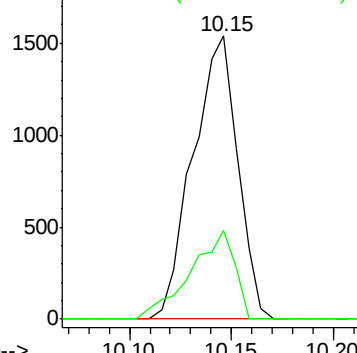
112 100

114 31.4 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: 0.30 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002496.D

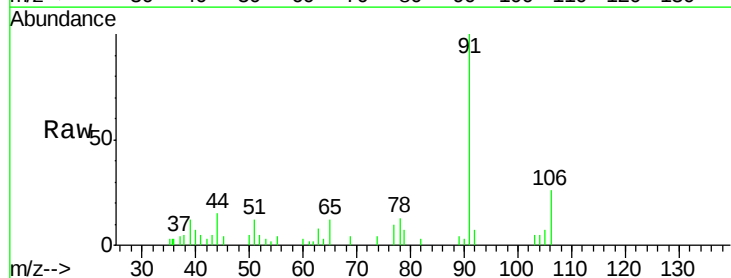
Acq: 13 Jun 2018 05:18

Tgt Ion: 91 Resp: 3633

Ion Ratio Lower Upper

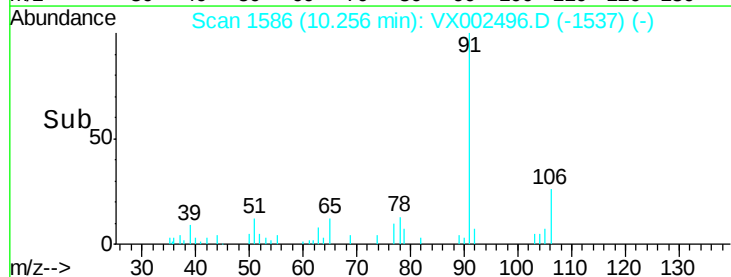
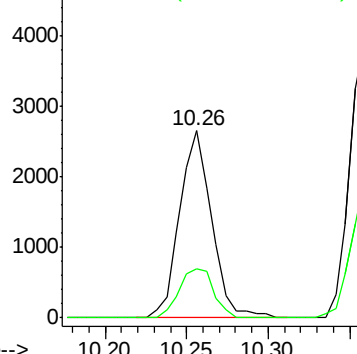
91 100

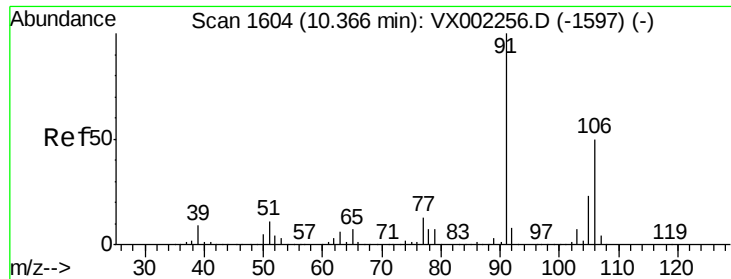
106 26.1 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

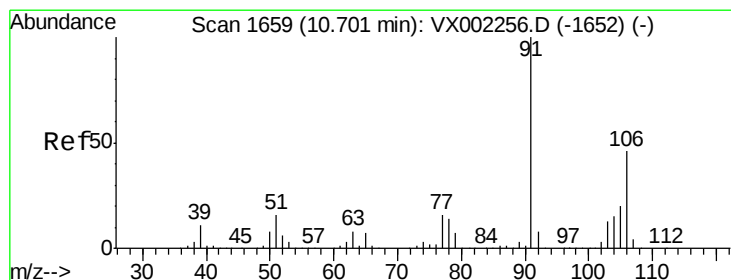
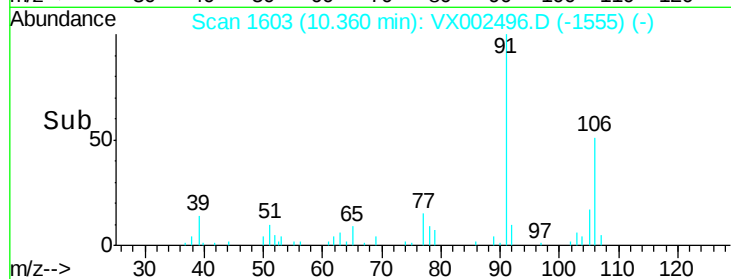
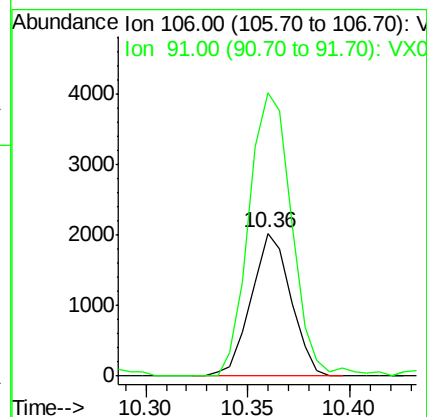
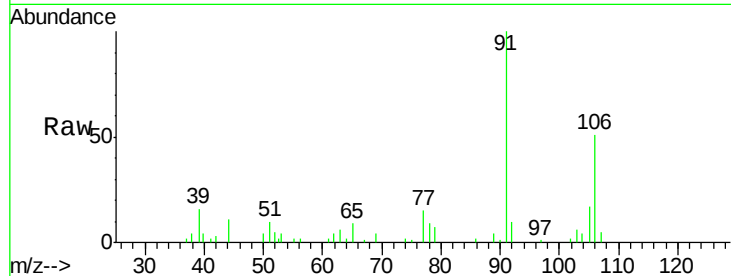




#68
m/p-Xylenes
Concen: 0.59 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002496.D
Acq: 13 Jun 2018 05:18

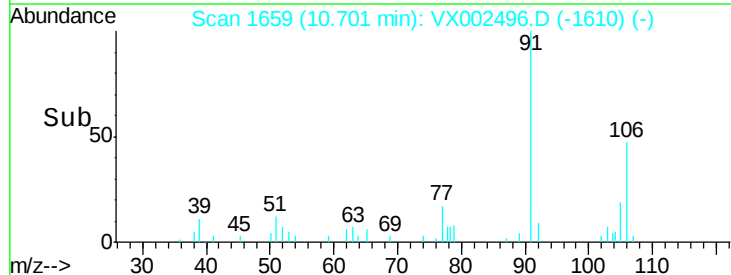
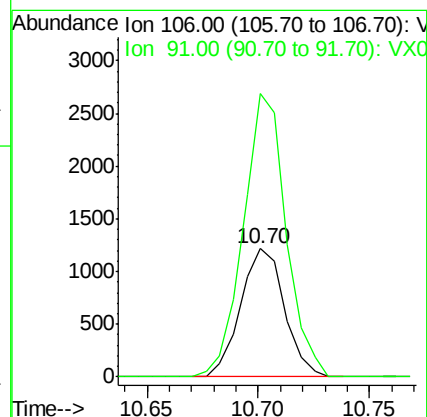
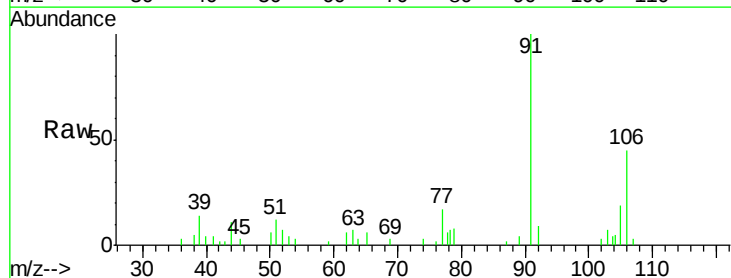
Instrument :
MSVOA_X
ClientSampleId :

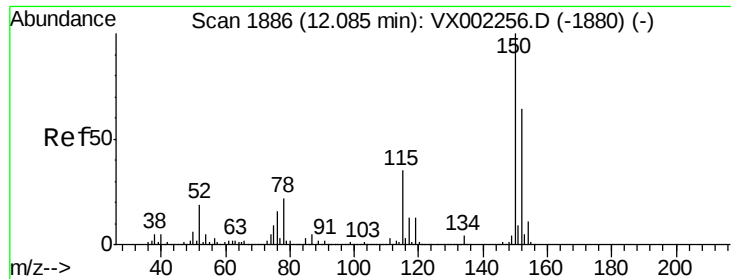
Tot Ion:106 Resp: 2743
Ion Ratio Lower Upper
106 100
91 215.2 163.4 245.2



#69
o-Xylene
Concen: 0.36 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002496.D
Acq: 13 Jun 2018 05:18

Tgt Ion:106 Resp: 1672
Ion Ratio Lower Upper
106 100
91 214.7 108.2 324.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002496.D

Acq: 13 Jun 2018 05:18

Instrument :

MSVOA_X

ClientSampleId :

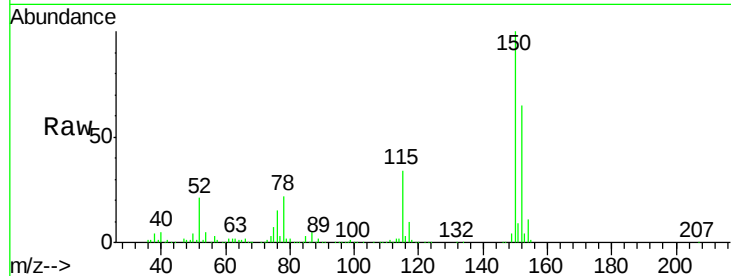
Tot Ion:152 Resp: 159841

Ion Ratio Lower Upper

152 100

115 54.7 40.1 120.2

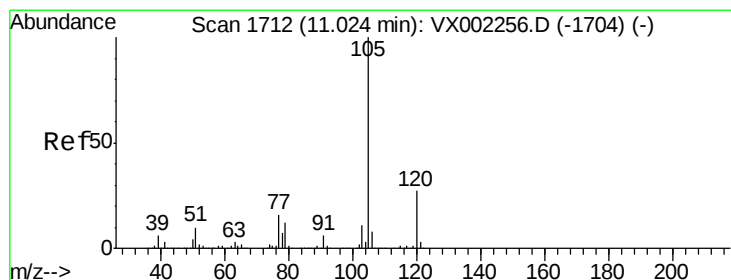
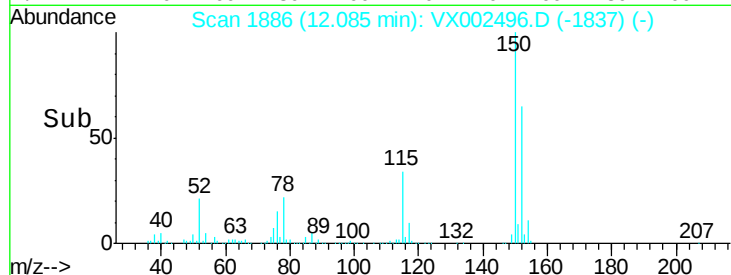
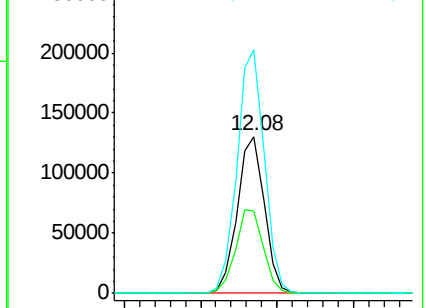
150 156.3 0.0 347.2



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: 0.25 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002496.D

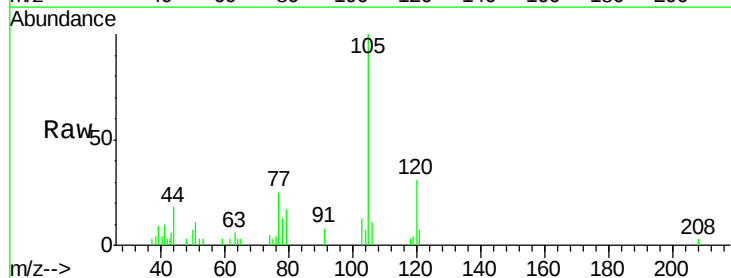
Acq: 13 Jun 2018 05:18

Tgt Ion:105 Resp: 2821

Ion Ratio Lower Upper

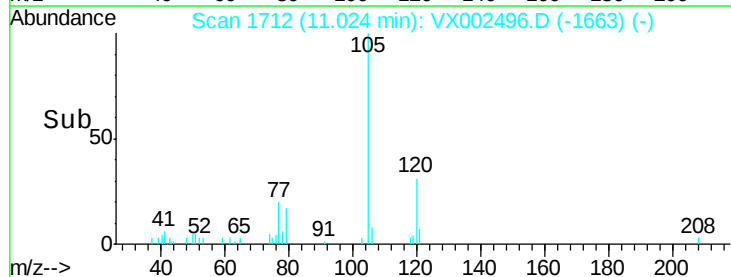
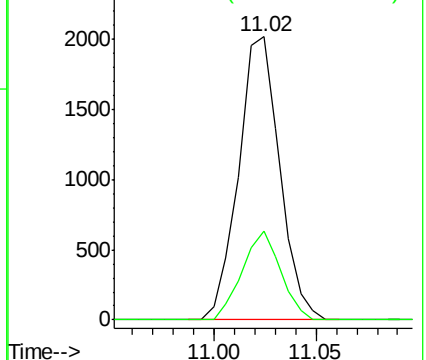
105 100

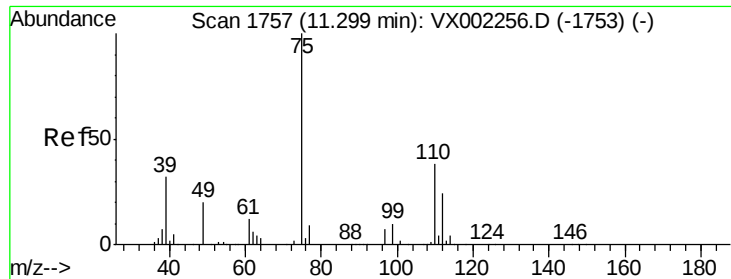
120 29.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

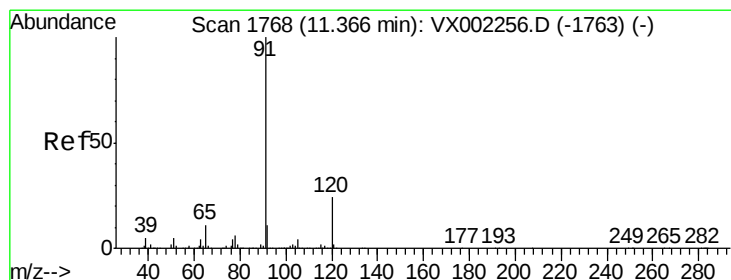
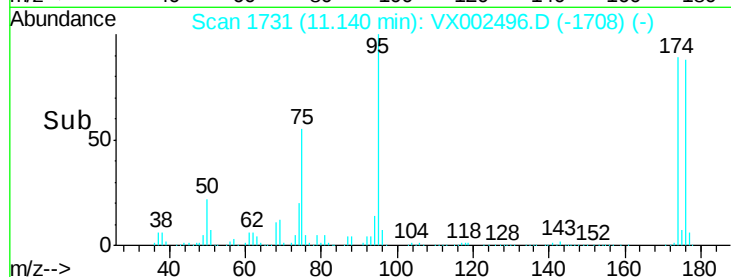
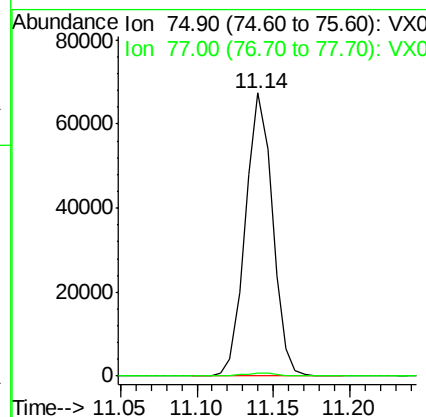
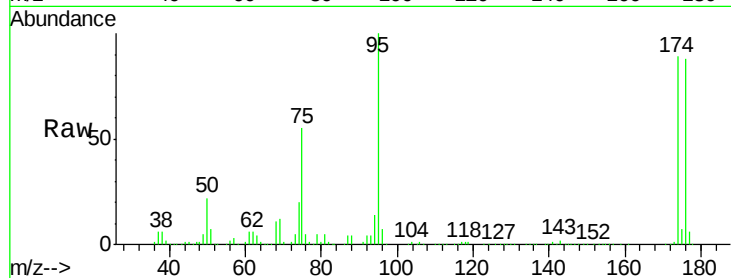




#76
 1,2,3-Trichloropropane
 Concen: 23.61 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX002496.D
 Acq: 13 Jun 2018 05:18

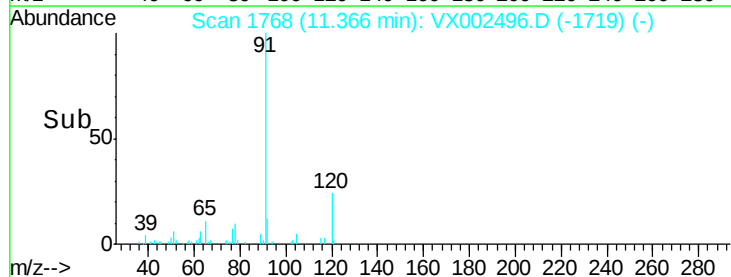
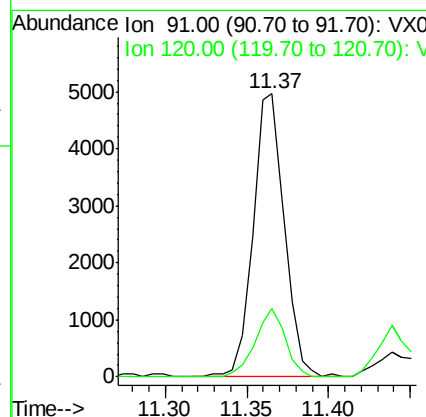
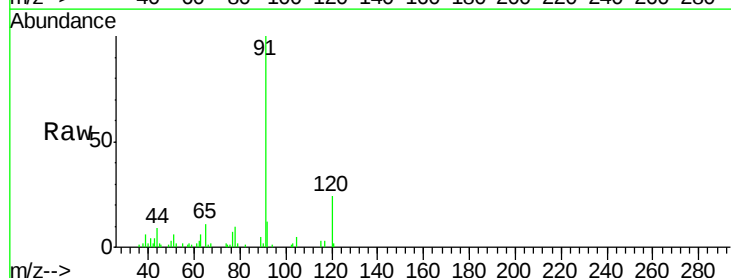
Instrument :
 MSVOA_X
 ClientSampleId :

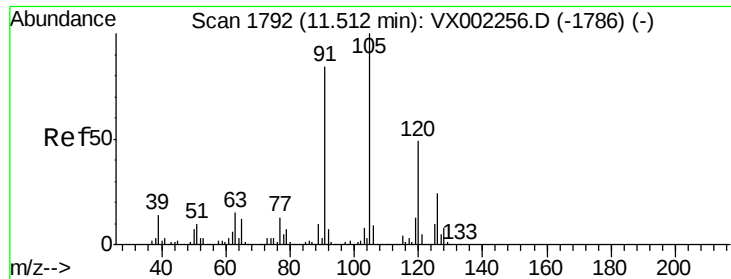
Tot Ion: 75 Resp: 82804
 Ion Ratio Lower Upper
 75 100
 77 1.3 22.8 68.3#



#78
 n-propylbenzene
 Concen: 0.54 ug/l
 RT: 11.37 min Scan# 1768
 Delta R.T. -0.00 min
 Lab File: VX002496.D
 Acq: 13 Jun 2018 05:18

Tgt Ion: 91 Resp: 6625
 Ion Ratio Lower Upper
 91 100
 120 23.2 11.8 35.4

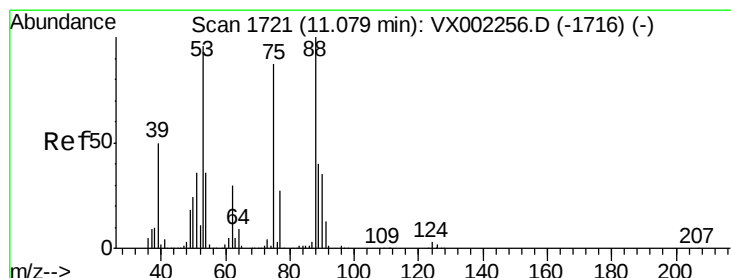
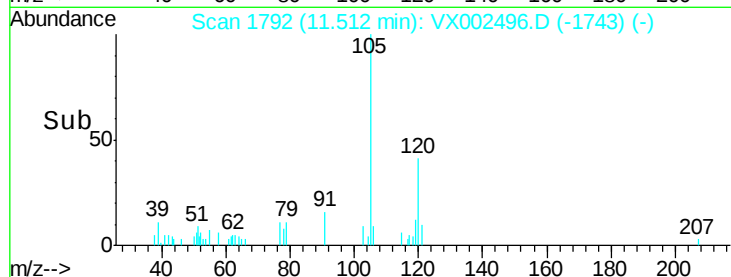
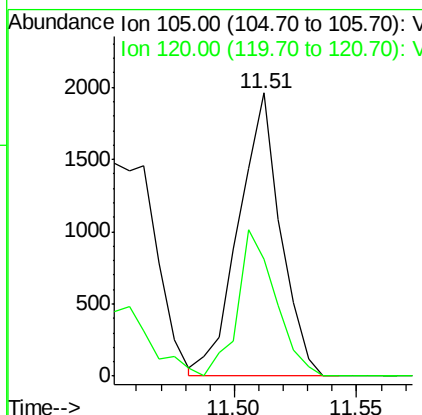
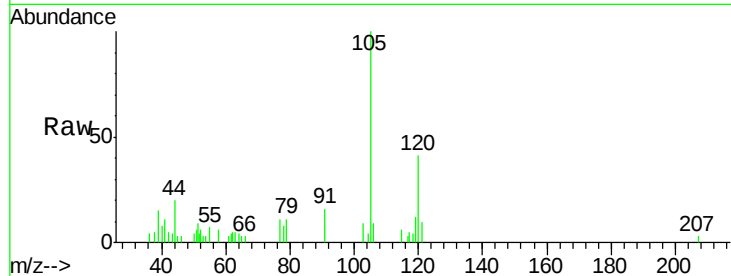




#80
 1,3,5-Trimethylbenzene
 Concen: 0.25 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002496.D
 Acq: 13 Jun 2018 05:18

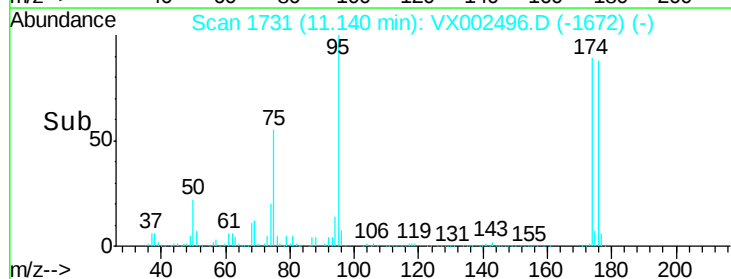
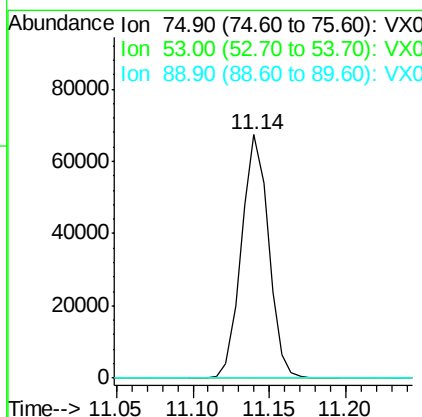
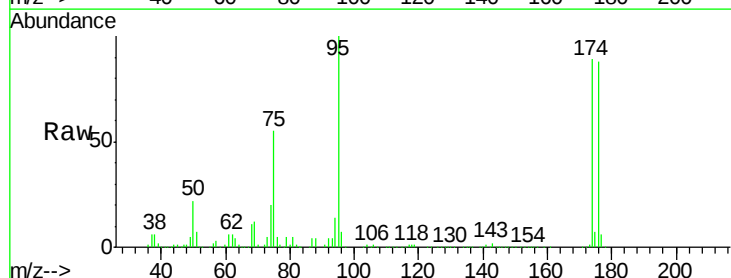
Instrument :
 MSVOA_X
 ClientSampled :

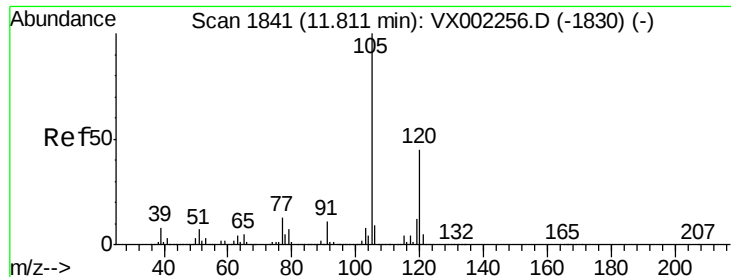
Tot Ion:105 Resp: 2340
 Ion Ratio Lower Upper
 105 100
 120 46.3 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.76 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX002496.D
 Acq: 13 Jun 2018 05:18

Tgt Ion: 75 Resp: 82804
 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: 0.69 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002496.D

Acq: 13 Jun 2018 05:18

Instrument :

MSVOA_X

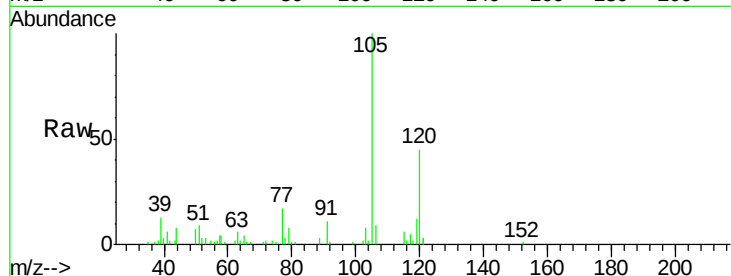
ClientSampleId :

Tot Ion:105 Resp: 6748

Ion Ratio Lower Upper

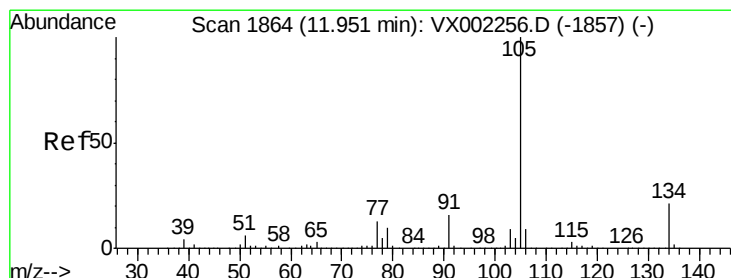
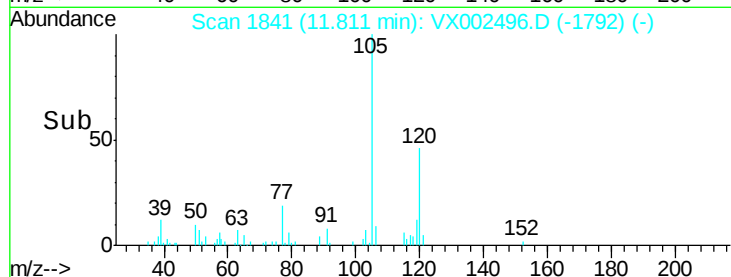
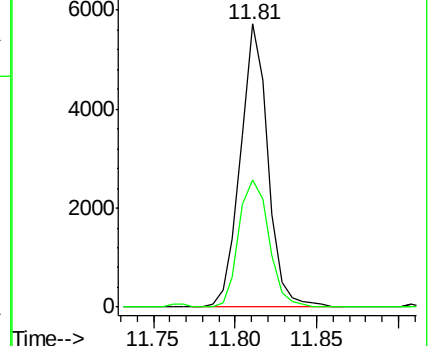
105 100

120 48.9 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: 0.38 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002496.D

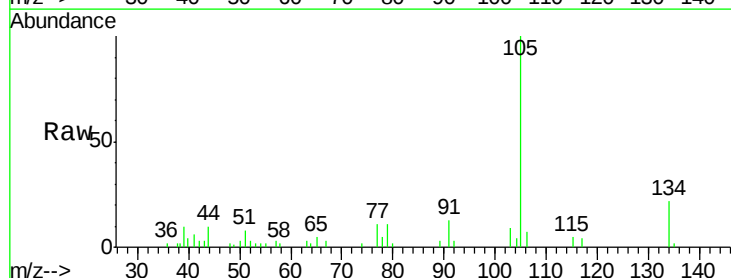
Acq: 13 Jun 2018 05:18

Tgt Ion:105 Resp: 4130

Ion Ratio Lower Upper

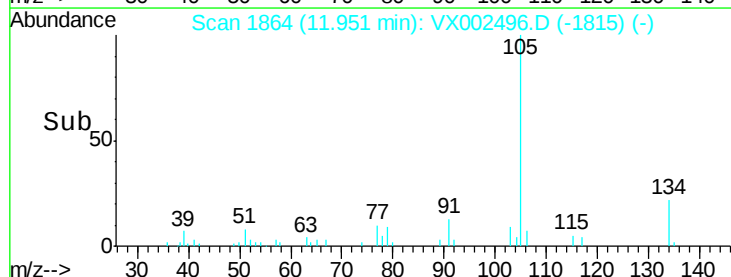
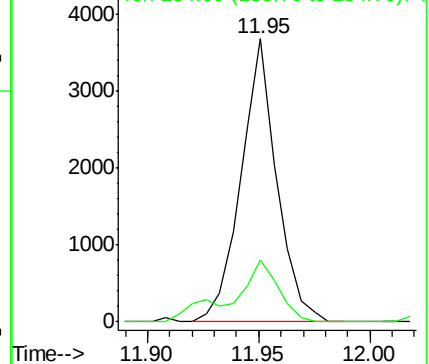
105 100

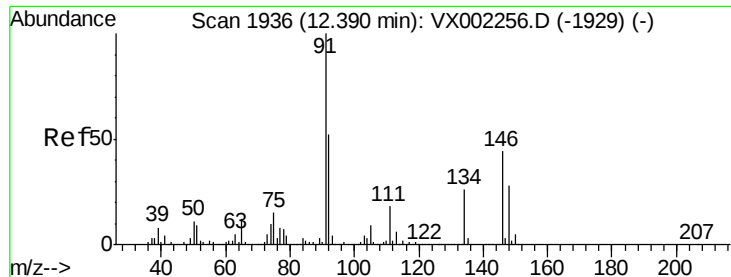
134 28.3 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

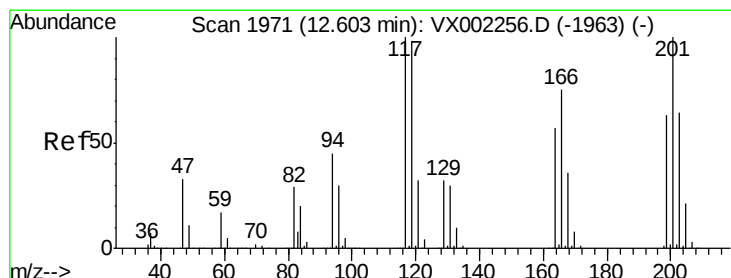
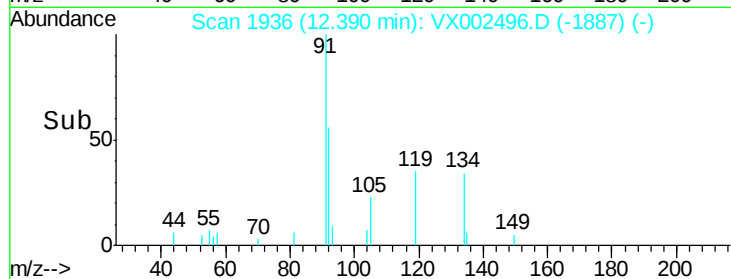
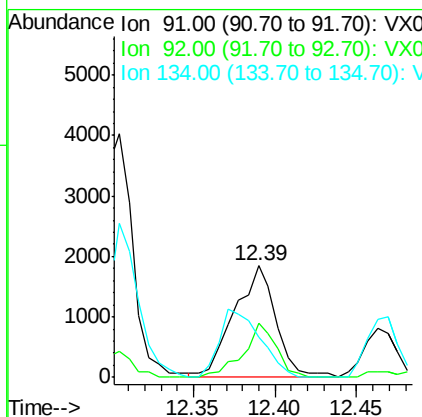
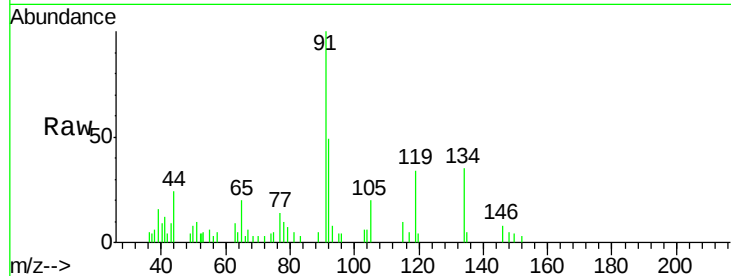




#89
n-Butylbenzene
Concen: 0.40 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002496.D
Acq: 13 Jun 2018 05:18

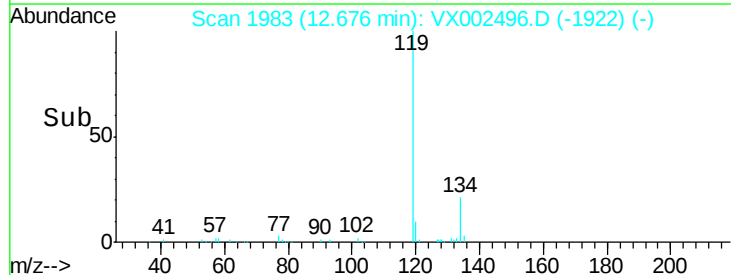
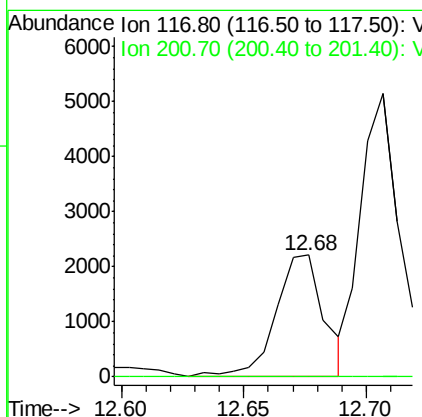
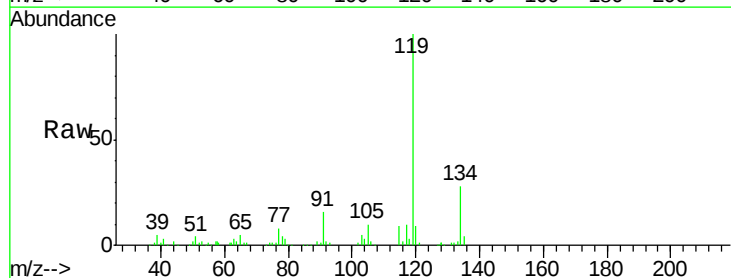
Instrument :
MSVOA_X
ClientSampleId :

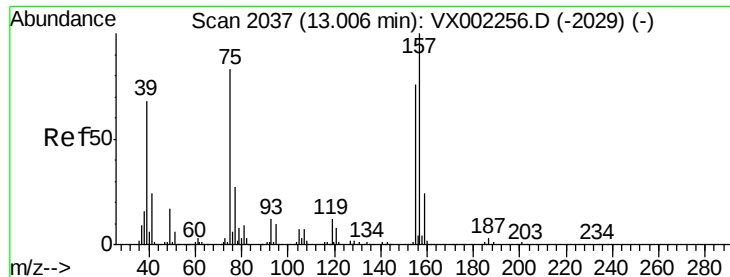
Tot Ion: 91 Resp: 3306
Ion Ratio Lower Upper
91 100
92 38.0 26.0 78.0
134 59.0 13.5 40.5#



#90
Hexachloroethane
Concen: 1.93 ug/l
RT: 12.68 min Scan# 1983
Delta R.T. 0.07 min
Lab File: VX002496.D
Acq: 13 Jun 2018 05:18

Tgt Ion: 117 Resp: 3054
Ion Ratio Lower Upper
117 100
201 0.0 49.0 147.0#

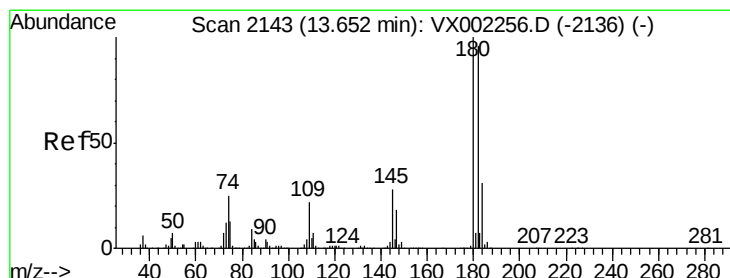
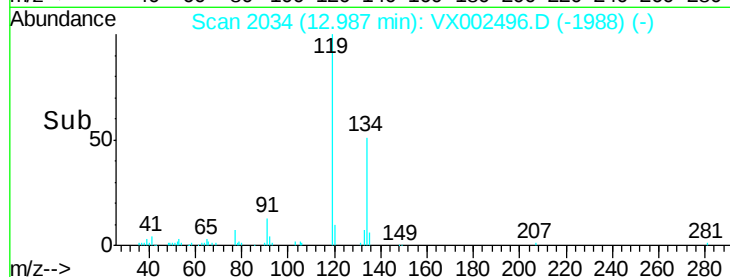
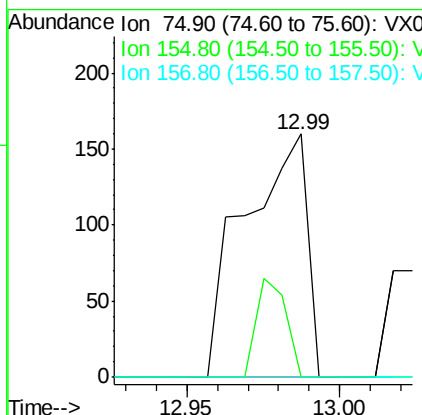
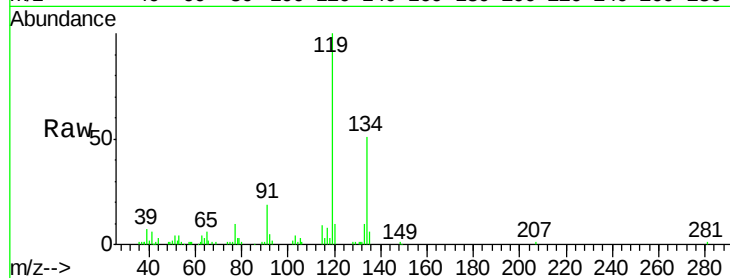




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.30 ug/l
 RT: 12.99 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: VX002496.D
 Acq: 13 Jun 2018 05:18

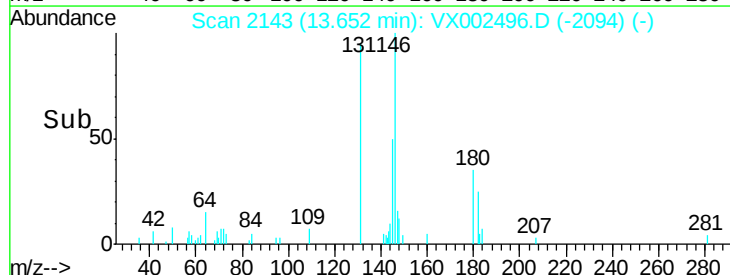
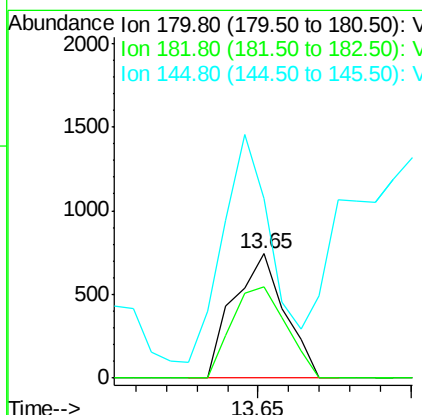
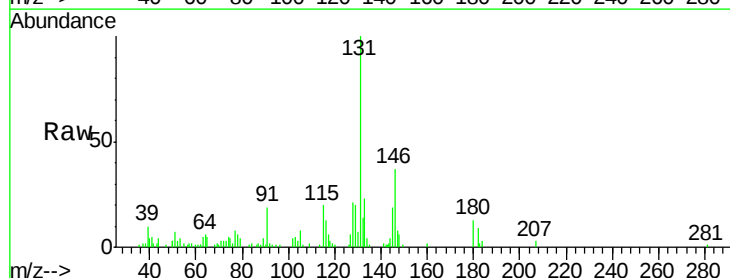
Instrument :
 MSVOA_X
 ClientSampleId :

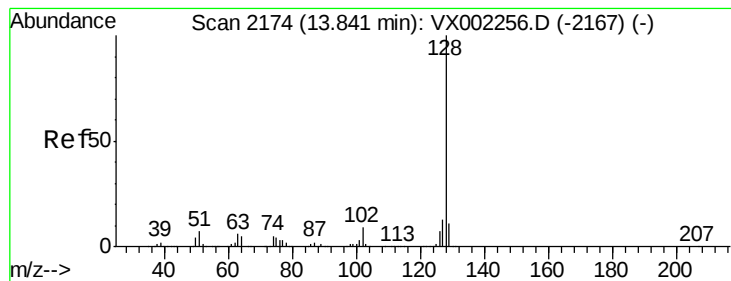
Tot Ion: 75 Resp: 226
 Ion Ratio Lower Upper
 75 100
 155 19.5 45.8 137.4#
 157 0.0 60.1 180.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.21 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002496.D
 Acq: 13 Jun 2018 05:18

Tgt Ion: 180 Resp: 861
 Ion Ratio Lower Upper
 180 100
 182 77.6 47.7 143.1
 145 186.3 14.1 42.4#





#95

Naphthalene

Concen: 14.42 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

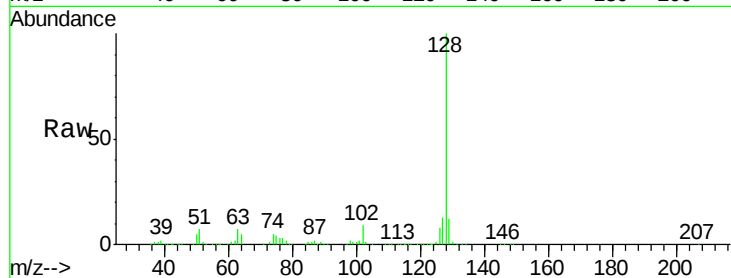
Lab File: VX002496.D

Acq: 13 Jun 2018 05:18

Instrument :

MSVOA_X

ClientSampleId :



Tot Ion:128 Resp: 167748

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.2 8.6 13.0

