

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002580.D
 Acq On : 15 Jun 2018 04:42
 Operator : JC/MD
 Sample : J3239-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 15 07:03:40 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	225833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	325875	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	309816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	180936	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	157834	48.79	ug/l	0.00
Spiked Amount			Recovery	=	97.58%	
35) Dibromofluoromethane	5.51	113	116228	45.35	ug/l	0.00
Spiked Amount			Recovery	=	90.70%	
50) Toluene-d8	8.72	98	472640	48.12	ug/l	0.00
Spiked Amount			Recovery	=	96.24%	
62) 4-Bromofluorobenzene	11.14	95	169422	44.73	ug/l	0.00
Spiked Amount			Recovery	=	89.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	414	Below Cal	#	70
5) Bromomethane	1.64	94	973	Below Cal	#	77
8) Diethyl Ether	2.18	74	343	Below Cal		58
10) Methyl Iodide	2.53	142	887	0.26	ug/l	# 96
11) Tert butyl alcohol	3.07	59	365	Below Cal	#	13
13) Acrolein	2.29	56	134	Below Cal		85
15) Acrylonitrile	3.14	53	252	Below Cal	#	71
16) Acetone	2.45	43	28544	1.50	ug/l	99
18) Methyl Acetate	2.78	43	21957	4.32	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	41	Below Cal	#	1
20) Methylene Chloride	2.86	84	61581	22.60	ug/l	97
22) Diisopropyl ether	3.87	45	134	Below Cal	#	35
25) 2-Butanone	4.72	43	4897	2.21	ug/l	91
28) Bromochloromethane	5.01	49	20	Below Cal	#	13
29) Tetrahydrofuran	5.18	42	1723	1.21	ug/l	96
30) Chloroform	5.23	83	2246	0.45	ug/l	# 67
31) Cyclohexane	5.67	56	5039	1.24	ug/l	# 4
36) 1,1-Dichloropropene	5.67	75	16213	4.73	ug/l	# 52
38) Carbon Tetrachloride	5.67	117	20935	5.84	ug/l	# 15
39) Methylcyclohexane	7.47	83	364	0.35	ug/l	# 61
47) Bromodichloromethane	7.91	83	774	0.22	ug/l	# 88
51) 4-Methyl-2-Pentanone	8.65	43	2162	0.50	ug/l	95
73) Isopropylbenzene	11.02	105	7990	0.63	ug/l	94
76) 1,2,3-Trichloropropane	11.14	75	93304	23.50	ug/l	# 33
78) n-propylbenzene	11.37	91	18766	1.34	ug/l	99
79) 2-Chlorotoluene	11.37	91	18766	2.12	ug/l	# 39
81) trans-1,4-Dichloro-2-buten	11.14	75	93304	82.38	ug/l	# 6
82) 4-Chlorotoluene	11.37	91	18766	1.84	ug/l	# 44
85) sec-Butylbenzene	11.95	105	8314	0.67	ug/l	86
86) p-Isopropyltoluene	12.24	119	3352	0.30	ug/l	90
89) n-Butylbenzene	12.39	91	6223	0.66	ug/l	# 79
90) Hexachloroethane	12.67	117	3956	2.21	ug/l	# 1
92) 1,2-Dibromo-3-Chloropropan	12.99	75	489	0.56	ug/l	# 1
95) Naphthalene	13.84	128	35804	2.72	ug/l	96

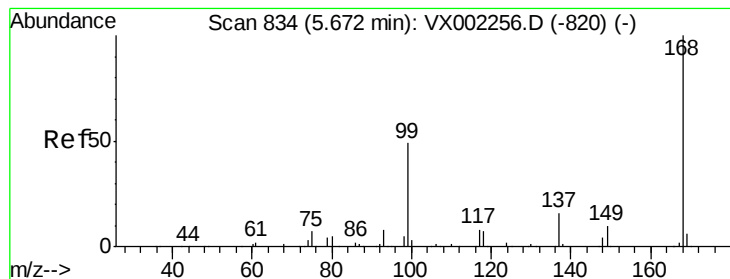
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
Data File : VX002580.D
Acq On : 15 Jun 2018 04:42
Operator : JC/MD
Sample : J3239-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 15 07:03:40 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)
--------------------	------	------	----------	------	-------	----------

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002580.D

Acq: 15 Jun 2018 04:42

Instrument :

MSVOA_X

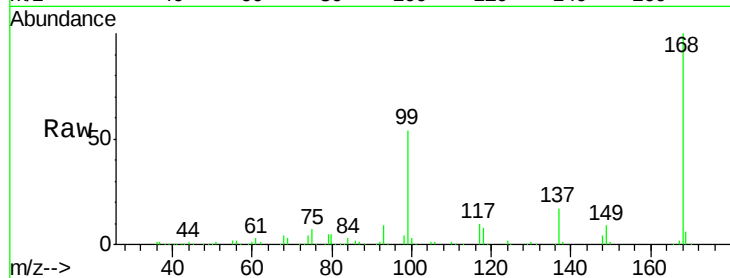
ClientSampleId :

Tot Ion:168 Resp: 225833

Ion Ratio Lower Upper

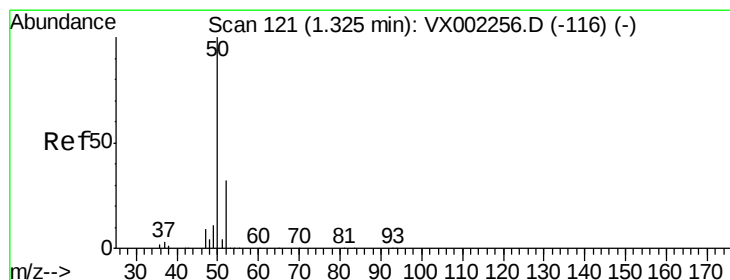
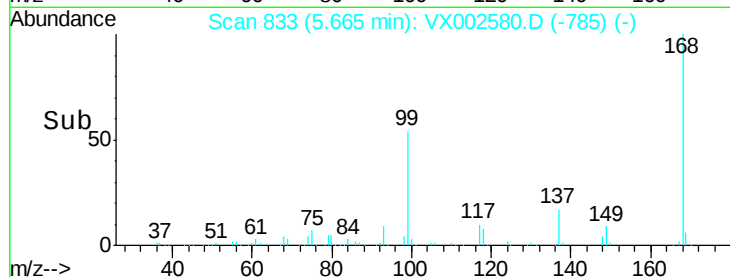
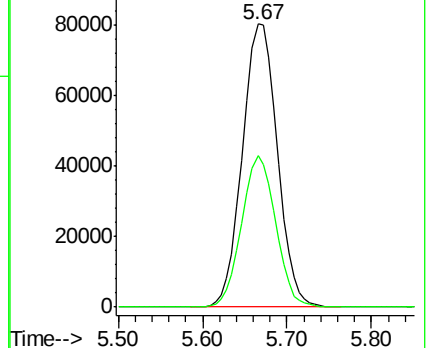
168 100

99 53.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002580.D

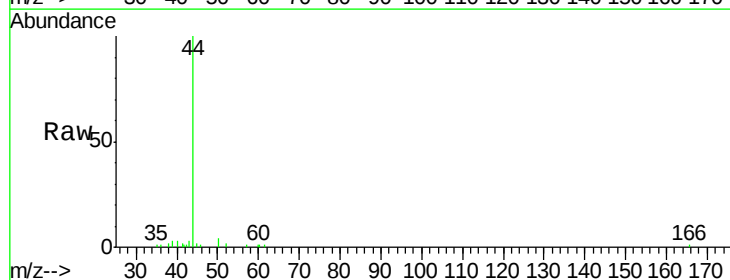
Acq: 15 Jun 2018 04:42

Tgt Ion: 50 Resp: 414

Ion Ratio Lower Upper

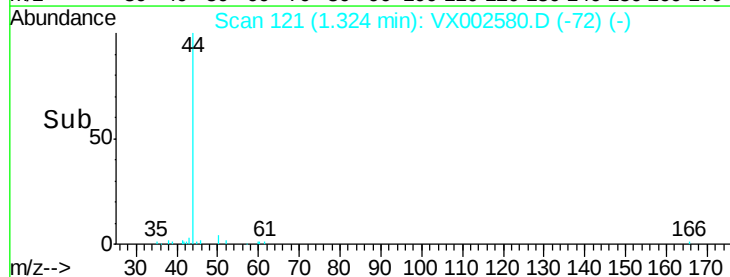
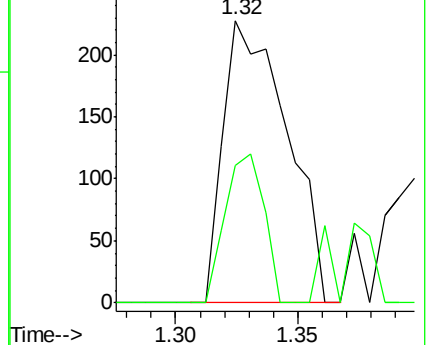
50 100

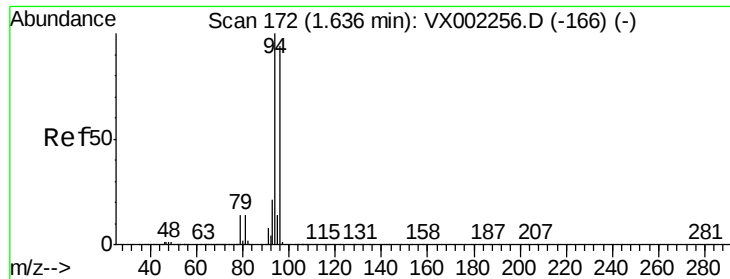
52 48.7 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002580.D

Acq: 15 Jun 2018 04:42

Instrument :

MSVOA_X

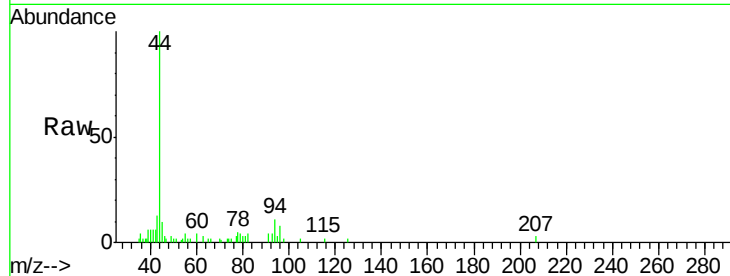
ClientSampled :

Tot Ion: 94 Resp: 973

Ion Ratio Lower Upper

94 100

96 71.9 74.9 112.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

400

300

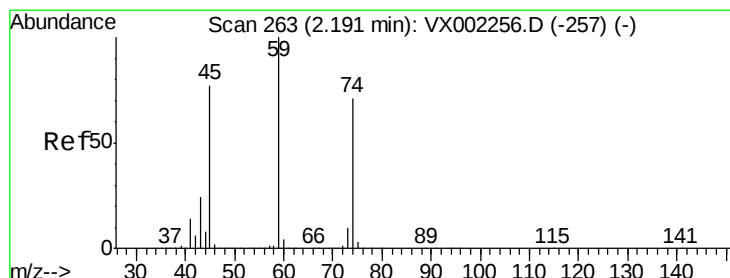
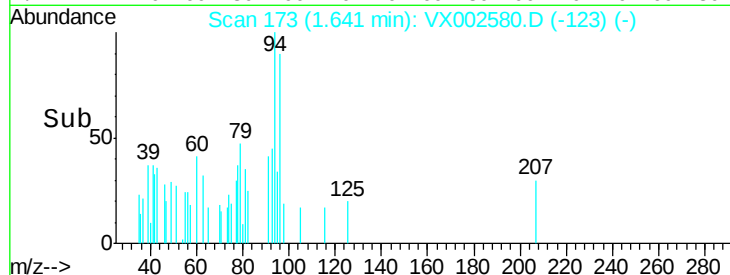
200

100

0

Time-->

1.60 1.65 1.70 1.75



#8

Diethyl Ether

Concen: Below Cal

RT: 2.18 min Scan# 262

Delta R.T. -0.01 min

Lab File: VX002580.D

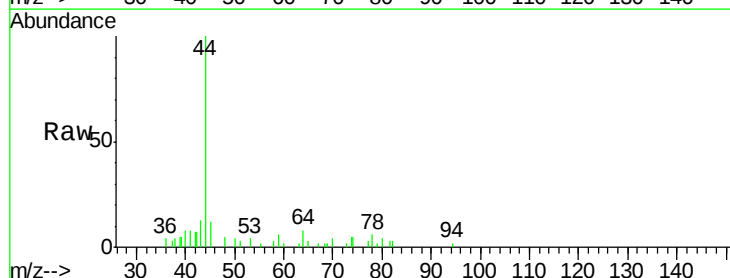
Acq: 15 Jun 2018 04:42

Tgt Ion: 74 Resp: 343

Ion Ratio Lower Upper

74 100

45 62.4 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

400

300

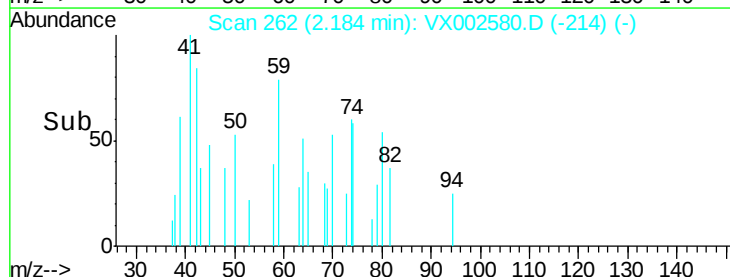
200

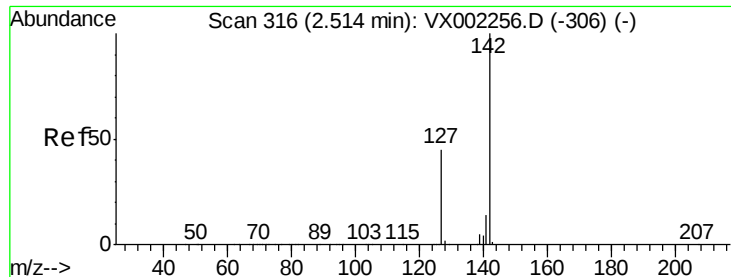
100

0

Time-->

2.15 2.20

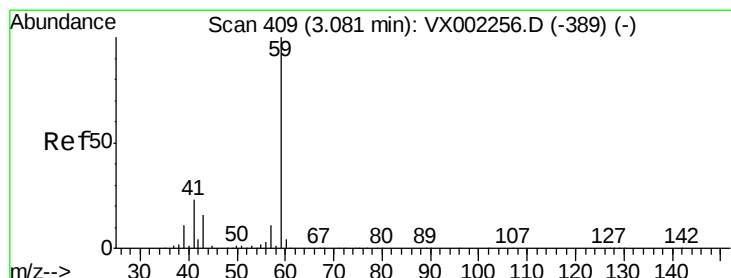
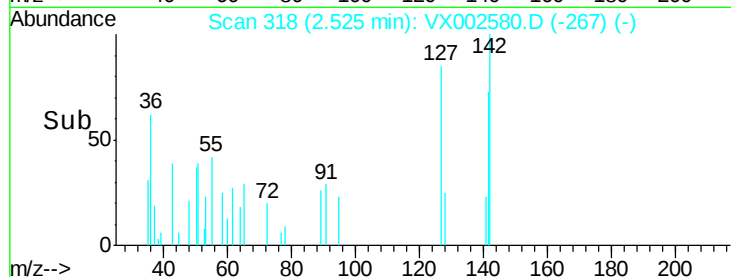
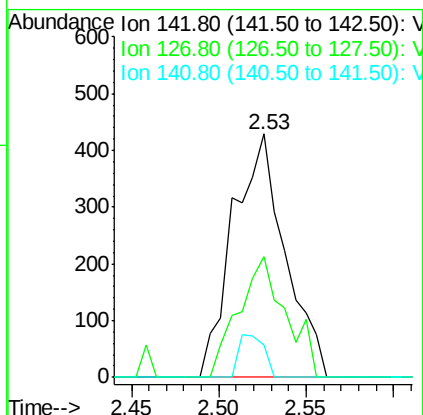
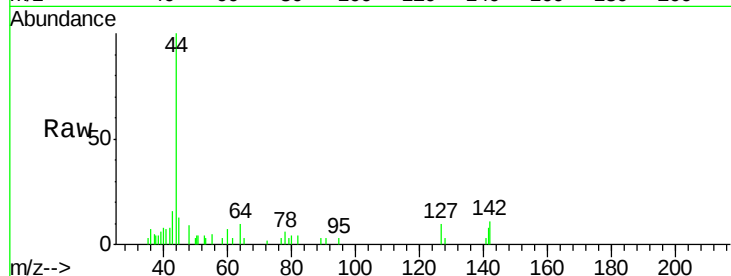




#10
Methyl Iodide
Concen: 0.26 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX002580.D
Acq: 15 Jun 2018 04:42

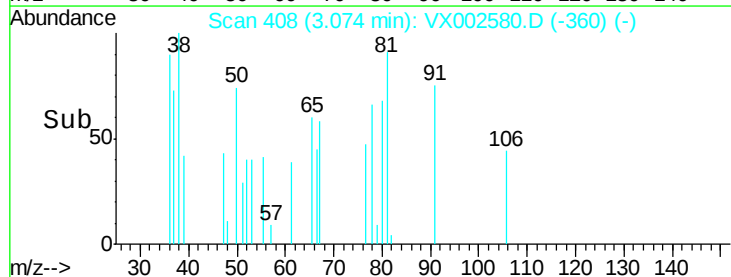
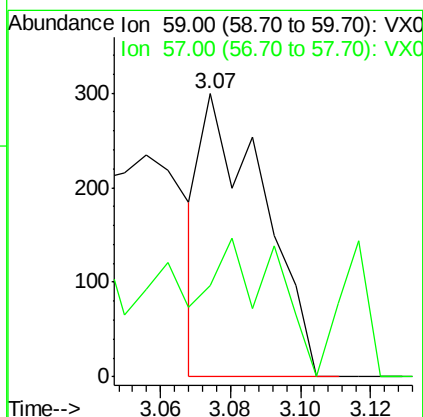
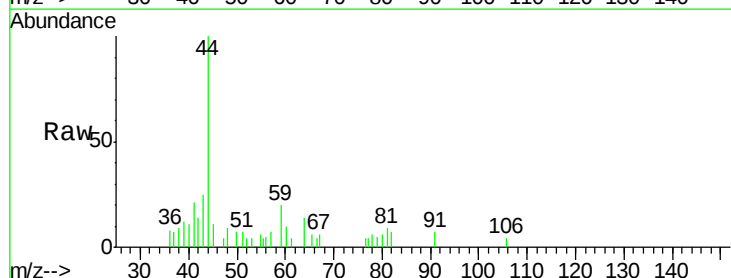
Instrument :
MSVOA_X
ClientSampled :

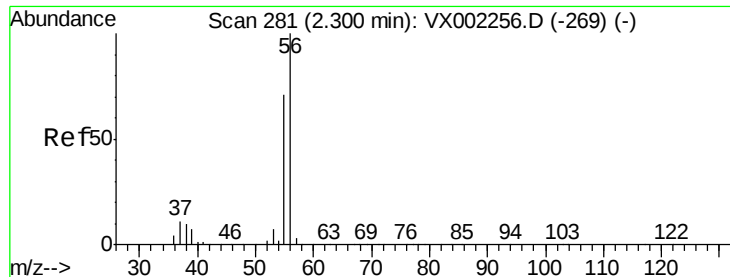
Tot Ion:142 Resp: 887
Ion Ratio Lower Upper
142 100
127 45.0 36.6 55.0
141 8.5 11.3 16.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002580.D
Acq: 15 Jun 2018 04:42

Tgt Ion: 59 Resp: 365
Ion Ratio Lower Upper
59 100
57 42.5 8.2 12.2#





#13

Acrolein

Concen: Below Cal

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002580.D

Acq: 15 Jun 2018 04:42

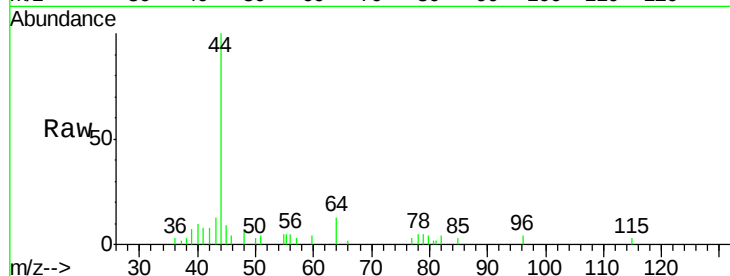
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 134

Ion Ratio Lower Upper

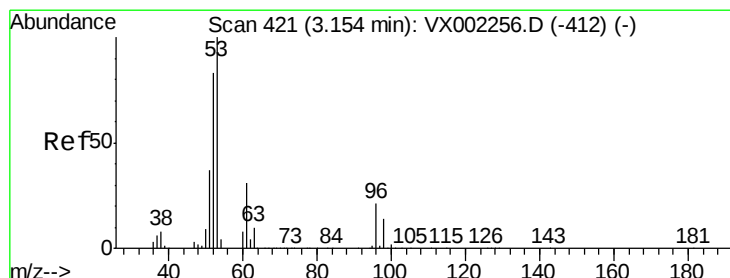
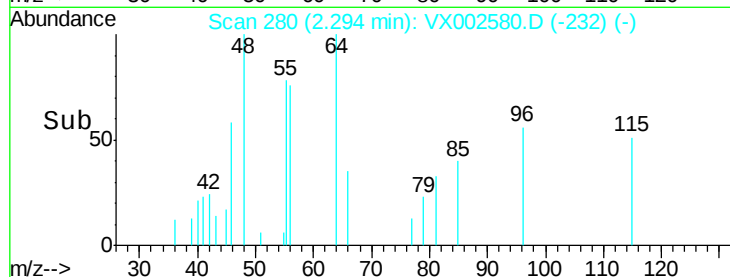
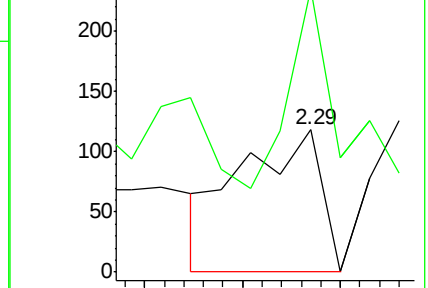
56 100

55 83.6 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#15

Acrylonitrile

Concen: Below Cal

RT: 3.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VX002580.D

Acq: 15 Jun 2018 04:42

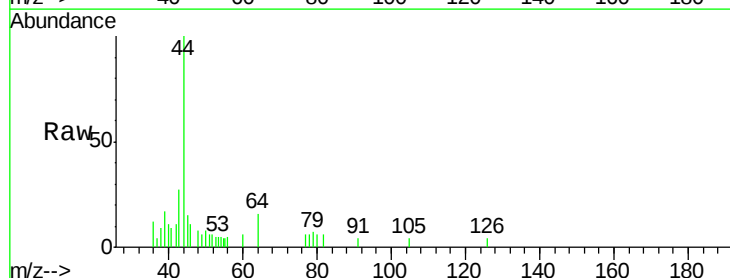
Tgt Ion: 53 Resp: 252

Ion Ratio Lower Upper

53 100

52 70.6 66.7 100.1

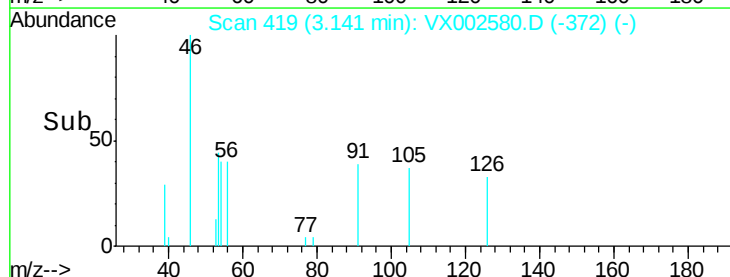
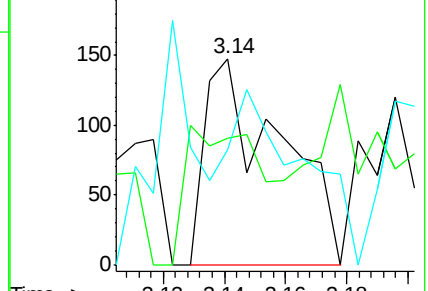
51 0.0 29.9 44.9#

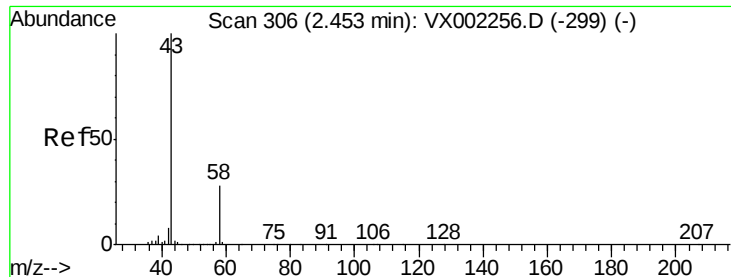


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 1.50 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002580.D

Acq: 15 Jun 2018 04:42

Instrument :

MSVOA_X

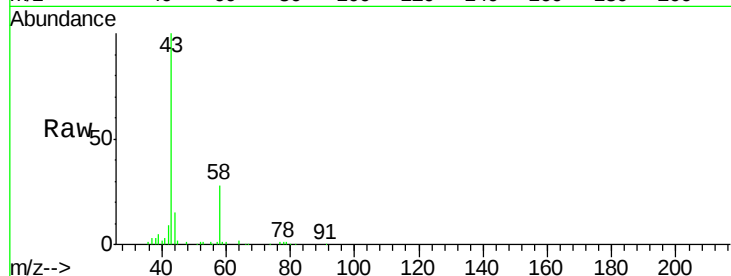
ClientSampled :

Tot Ion: 43 Resp: 28544

Ion Ratio Lower Upper

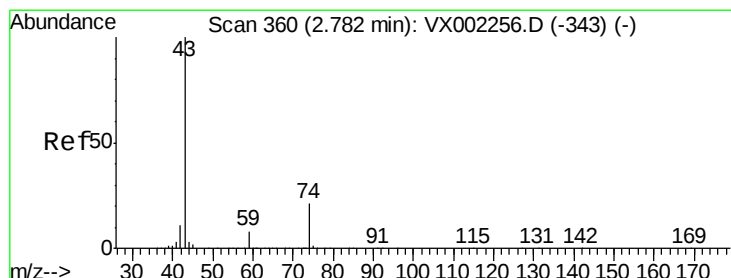
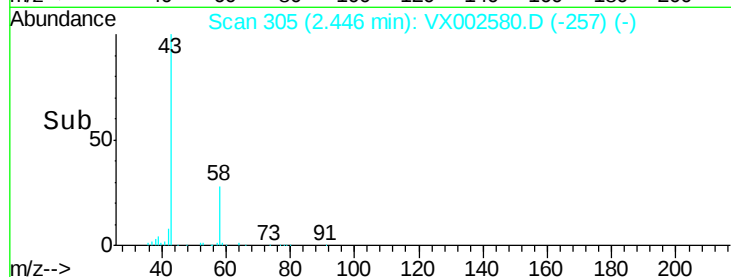
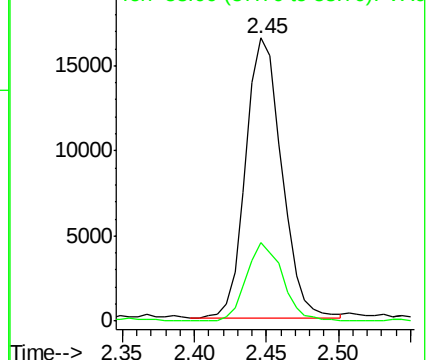
43 100

58 28.1 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: 4.32 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002580.D

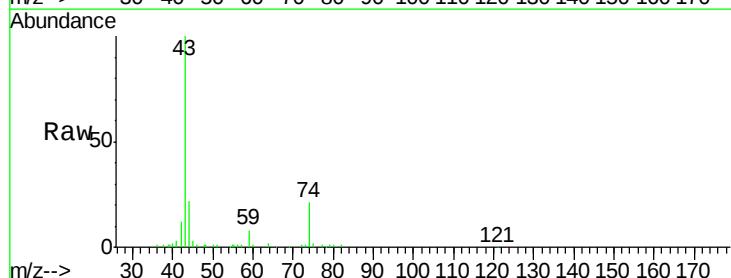
Acq: 15 Jun 2018 04:42

Tgt Ion: 43 Resp: 21957

Ion Ratio Lower Upper

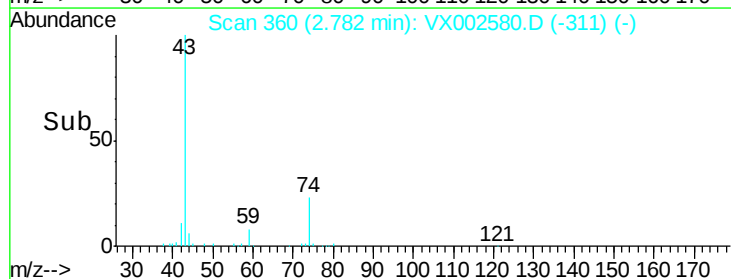
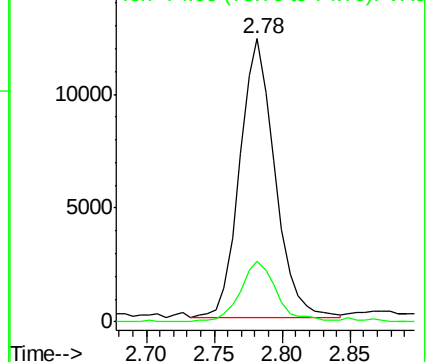
43 100

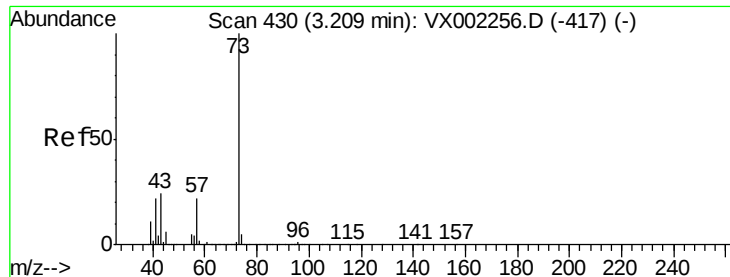
74 22.8 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



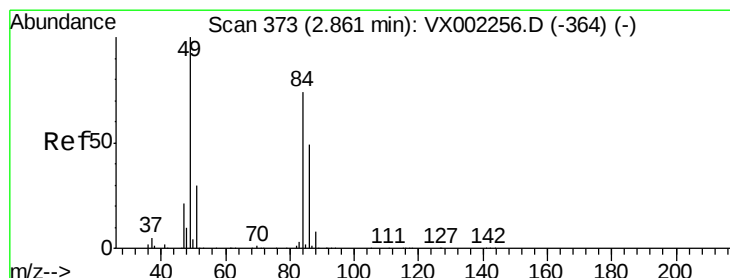
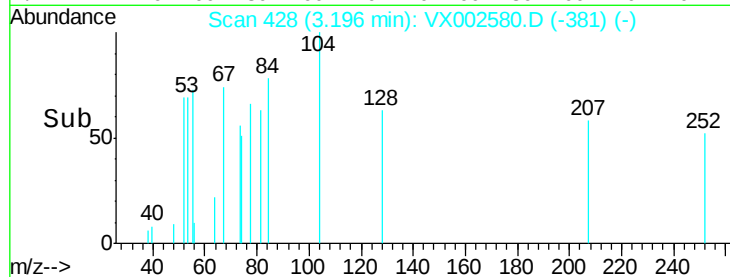
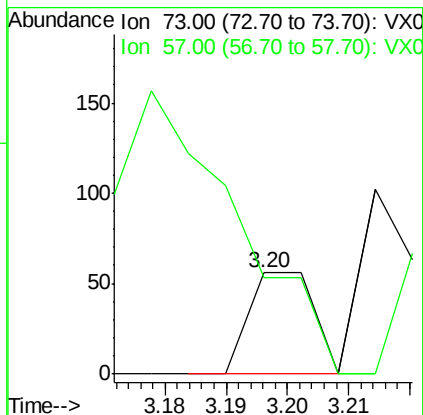
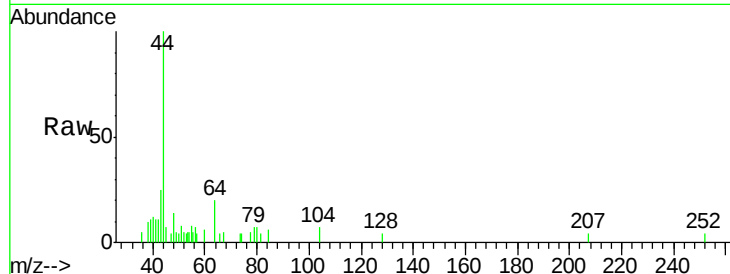


#19

Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.20 min Scan# 428
Delta R.T. -0.01 min
Lab File: VX002580.D
Acq: 15 Jun 2018 04:42

Instrument :
MSVOA_X
ClientSampleId :

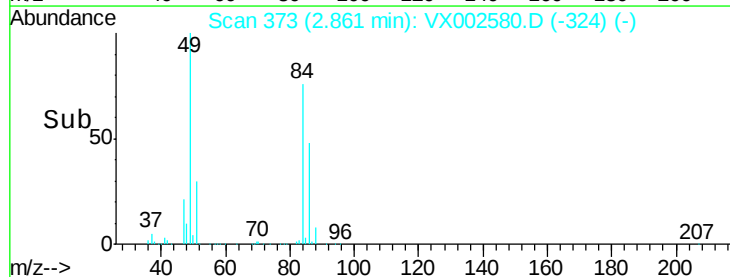
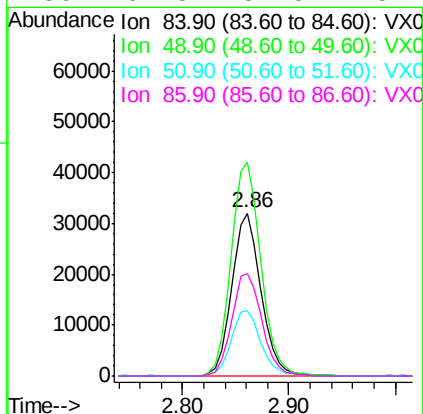
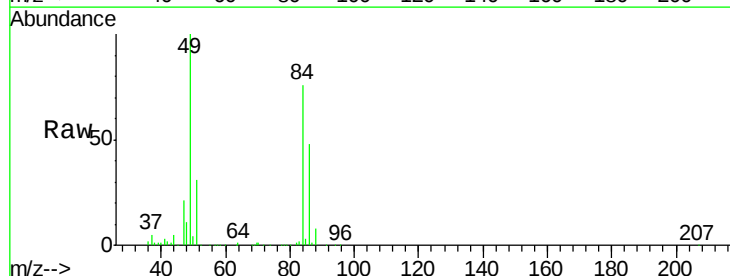
Tot Ion: 73 Resp: 41
Ion Ratio Lower Upper
73 100
57 94.6 17.7 26.5#

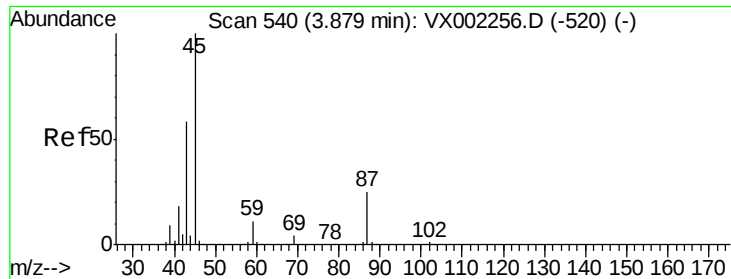


#20

Methylene Chloride
Concen: 22.60 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002580.D
Acq: 15 Jun 2018 04:42

Tgt Ion: 84 Resp: 61581
Ion Ratio Lower Upper
84 100
49 131.1 107.8 161.6
51 39.8 32.8 49.2
86 62.8 52.5 78.7



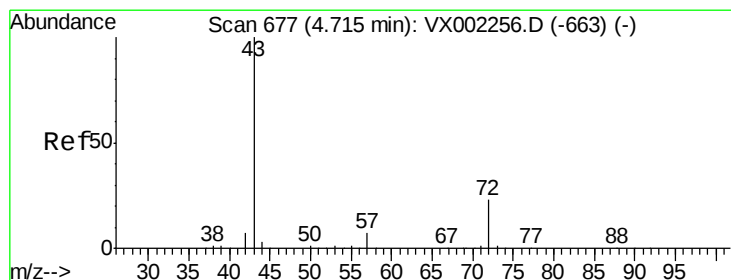
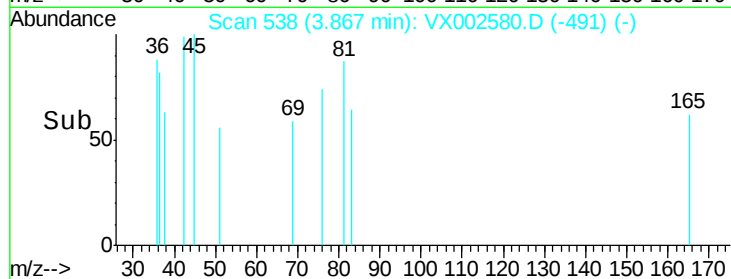
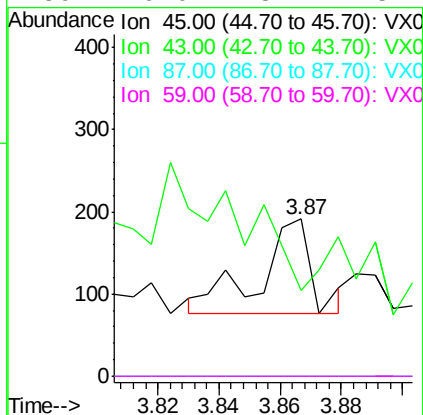
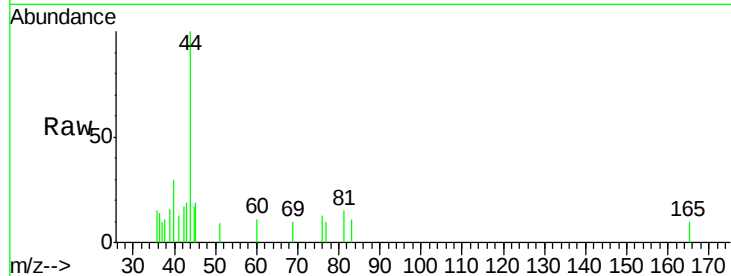


#22

Diisopropyl ether
Concen: Below Cal
RT: 3.87 min Scan# 538
Delta R.T. -0.01 min
Lab File: VX002580.D
Acq: 15 Jun 2018 04:42

Instrument :
MSVOA_X
ClientSampled :

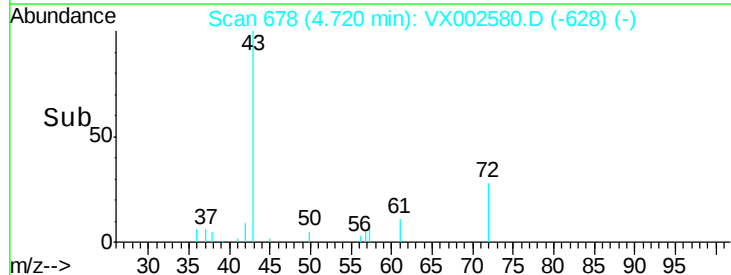
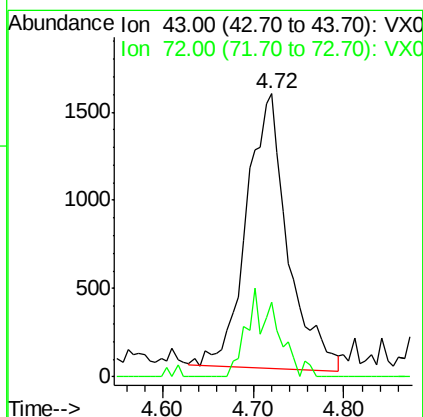
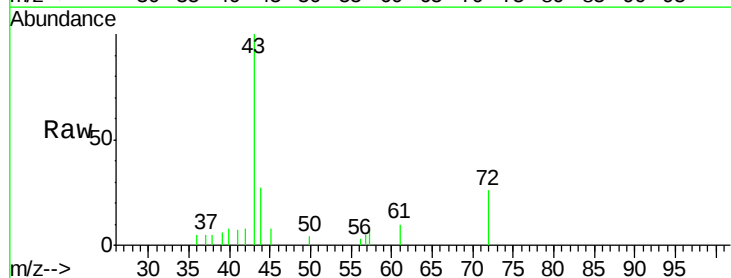
Tot Ion:	45	Resp:	134
Ion	Ratio	Lower	Upper
45	100		
43	0.0	46.8	70.2#
87	0.0	20.2	30.4#
59	0.0	8.7	13.1#

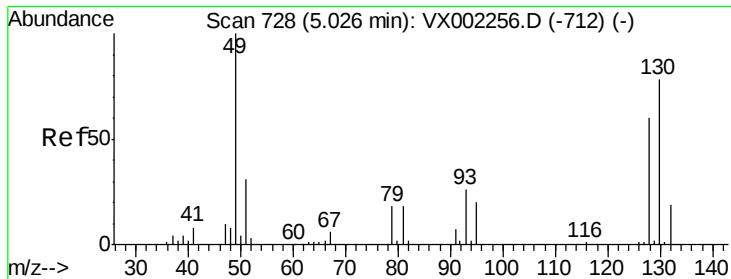


#25

2-Butanone
Concen: 2.21 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX002580.D
Acq: 15 Jun 2018 04:42

Tgt Ion:	43	Resp:	4897
Ion	Ratio	Lower	Upper
43	100		
72	27.5	18.5	27.7





#28

Bromochloromethane

Concen: Below Cal

RT: 5.01 min Scan# 726

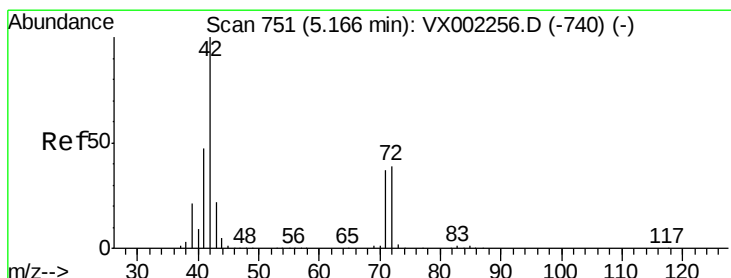
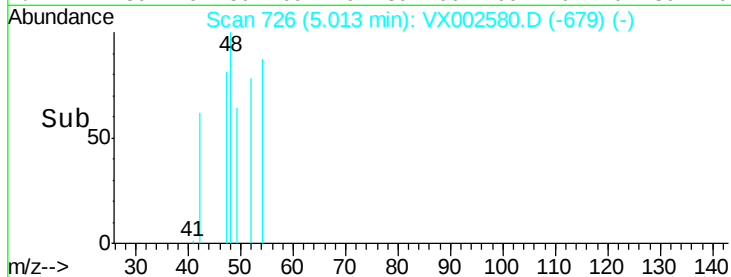
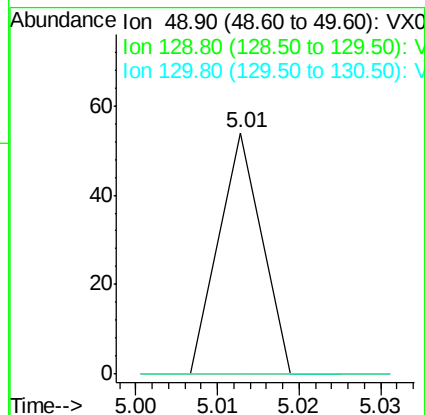
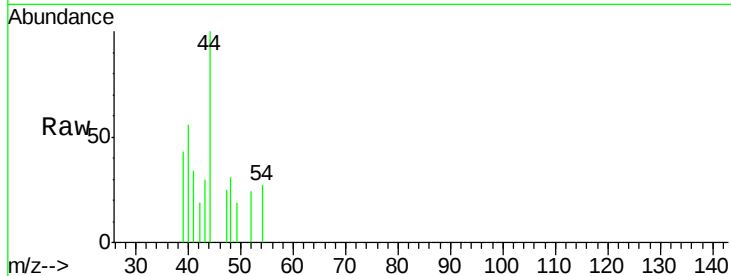
Delta R.T. -0.01 min

Lab File: VX002580.D

Acq: 15 Jun 2018 04:42

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 49 Resp: 20
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 0.0 61.2 91.8#



#29

Tetrahydrofuran

Concen: 1.21 ug/l

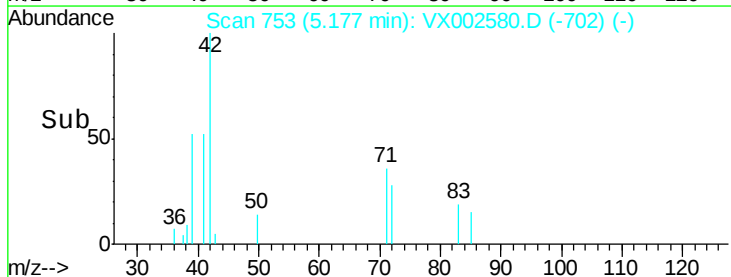
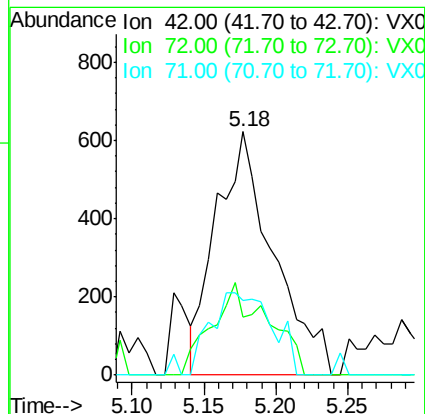
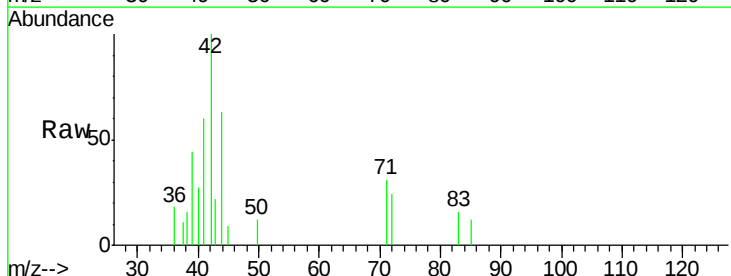
RT: 5.18 min Scan# 753

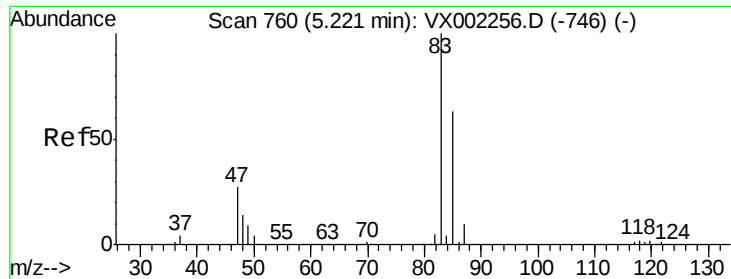
Delta R.T. 0.01 min

Lab File: VX002580.D

Acq: 15 Jun 2018 04:42

Tgt Ion: 42 Resp: 1723
Ion Ratio Lower Upper
42 100
72 37.1 32.0 48.0
71 36.1 30.1 45.1

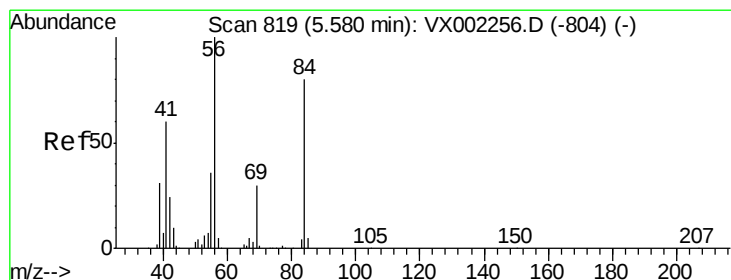
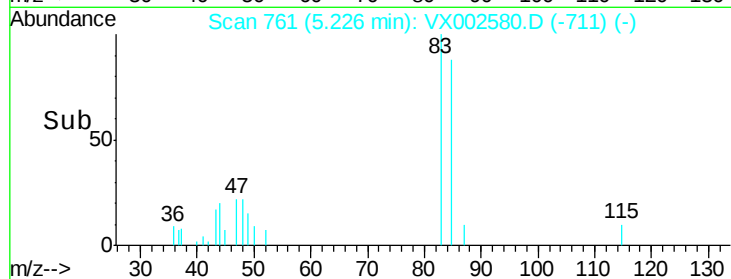
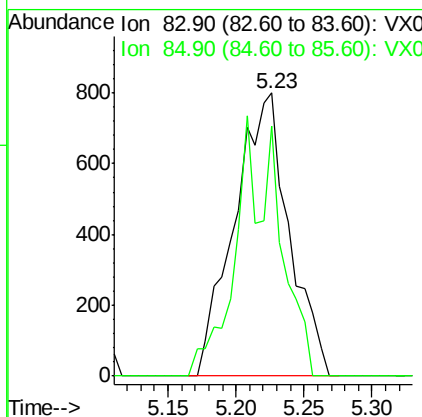
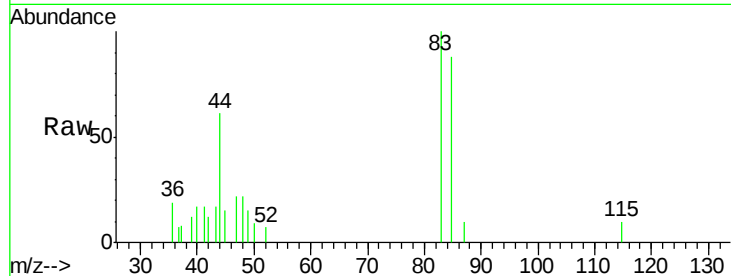




#30
Chloroform
Concen: 0.45 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX002580.D
Acq: 15 Jun 2018 04:42

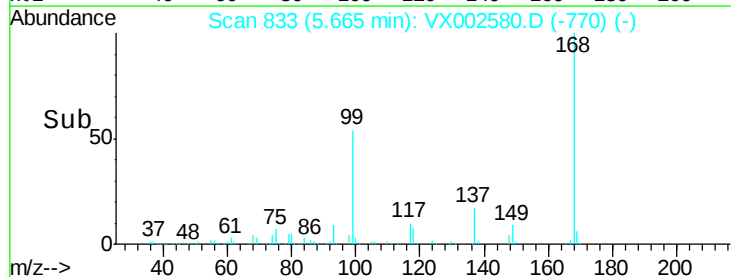
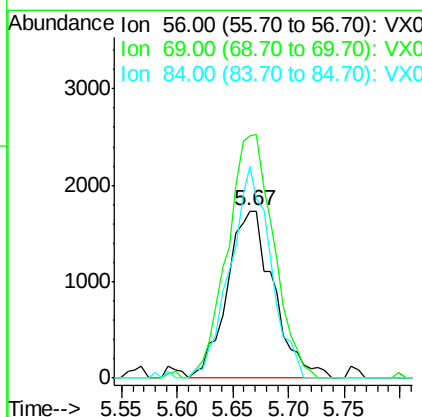
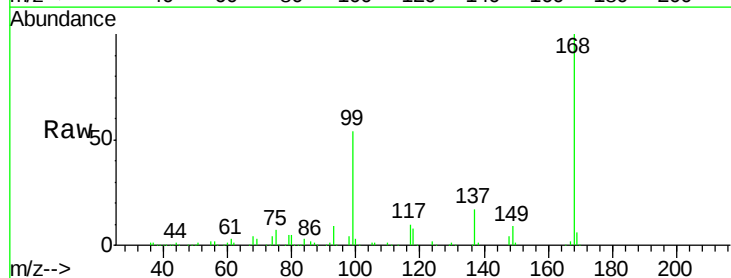
Instrument :
MSVOA_X
ClientSampleId :

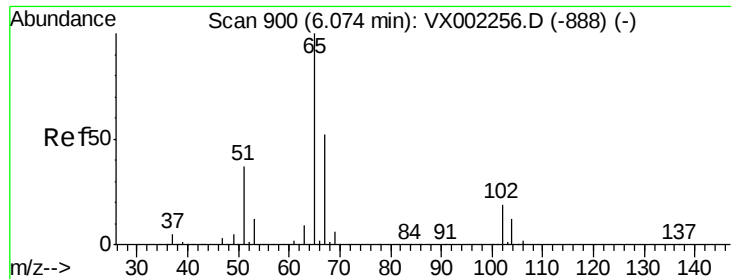
Tot Ion: 83 Resp: 2246
Ion Ratio Lower Upper
83 100
85 88.2 50.4 75.6#



#31
Cyclohexane
Concen: 1.24 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.08 min
Lab File: VX002580.D
Acq: 15 Jun 2018 04:42

Tgt Ion: 56 Resp: 5039
Ion Ratio Lower Upper
56 100
69 144.9 23.7 35.5#
84 126.9 64.1 96.1#

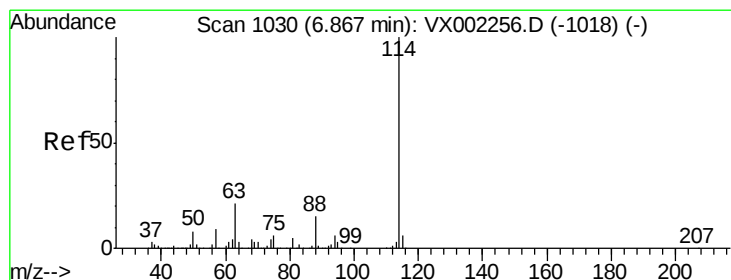
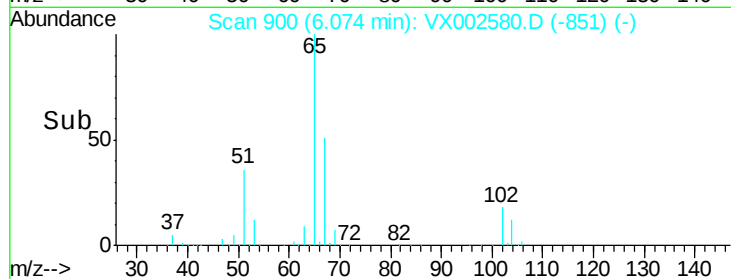
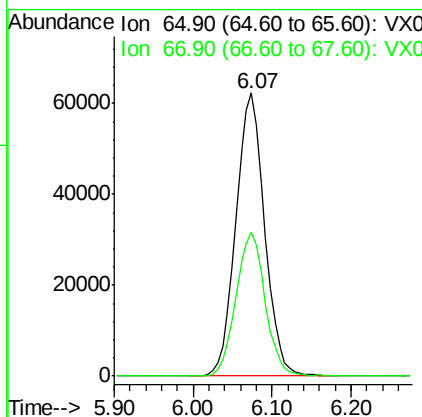
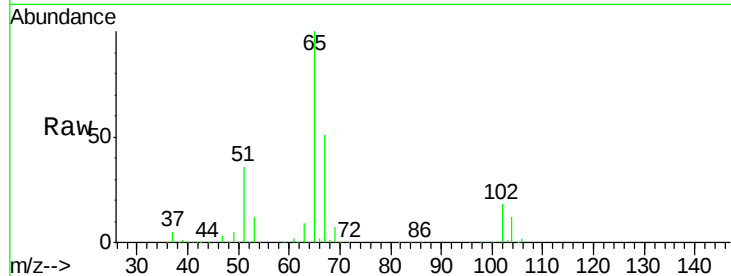




#33
 1,2-Dichloroethane-d4
 Concen: 48.79 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002580.D
 Acq: 15 Jun 2018 04:42

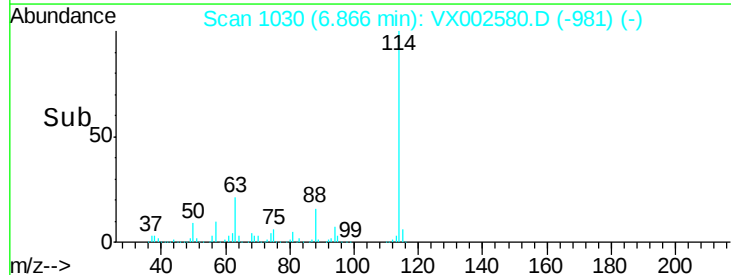
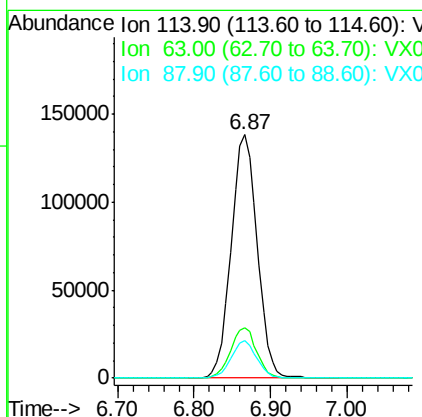
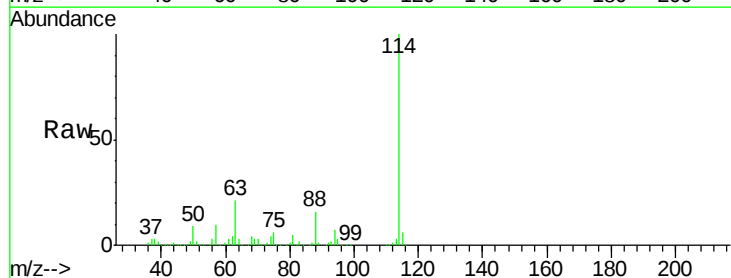
Instrument :
 MSVOA_X
 ClientSampleId :

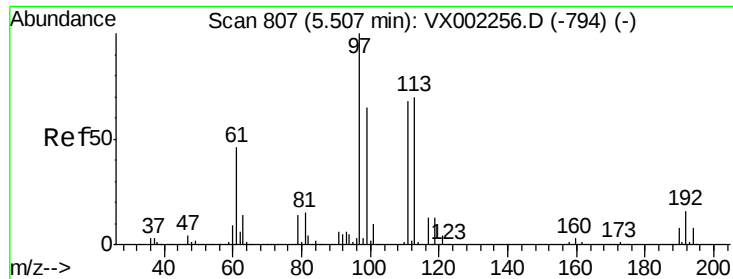
Tot Ion: 65 Resp: 157834
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002580.D
 Acq: 15 Jun 2018 04:42

Tgt Ion: 114 Resp: 325875
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.4
 88 15.5 0.0 30.0

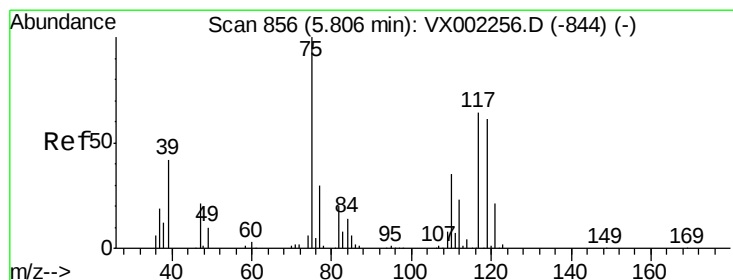
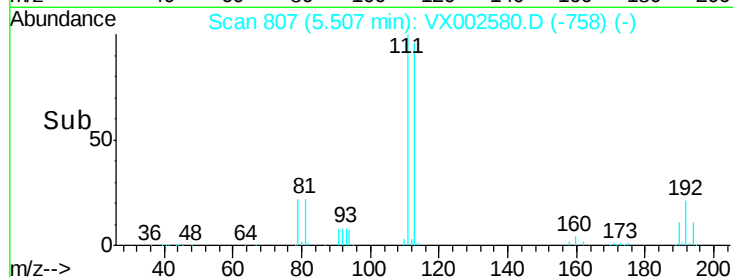
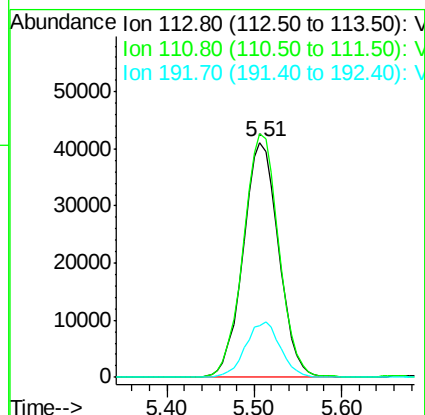
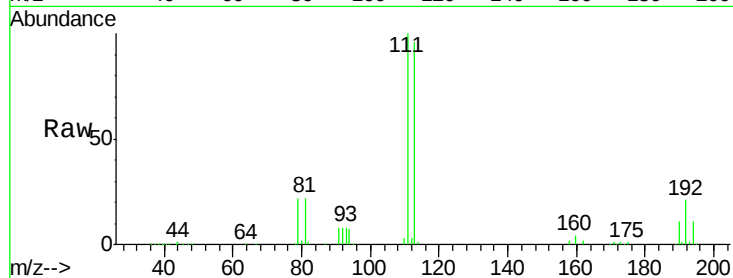




#35
 Dibromofluoromethane
 Concen: 45.35 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002580.D
 Acq: 15 Jun 2018 04:42

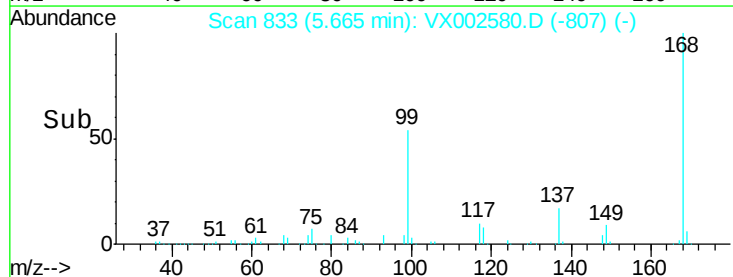
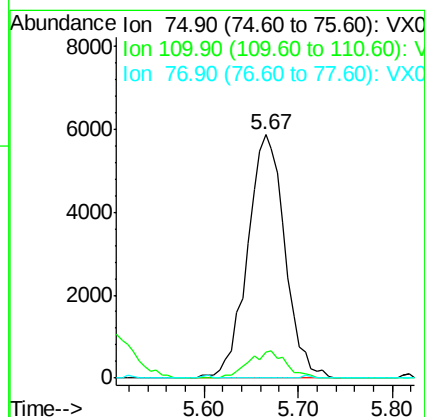
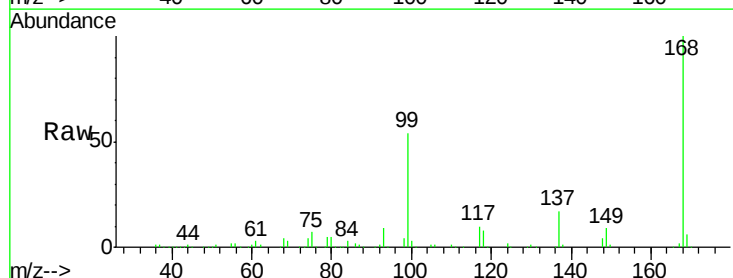
Instrument :
 MSVOA_X
 ClientSampled :

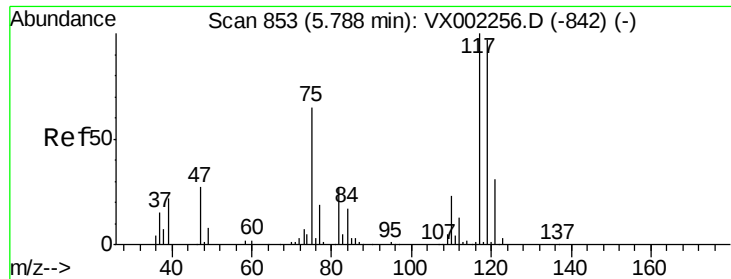
Tot Ion:113 Resp: 116228
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.4 122.0
 192 23.1 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 4.73 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX002580.D
 Acq: 15 Jun 2018 04:42

Tgt Ion: 75 Resp: 16213
 Ion Ratio Lower Upper
 75 100
 110 11.3 18.1 54.4#
 77 0.0 24.3 36.5#

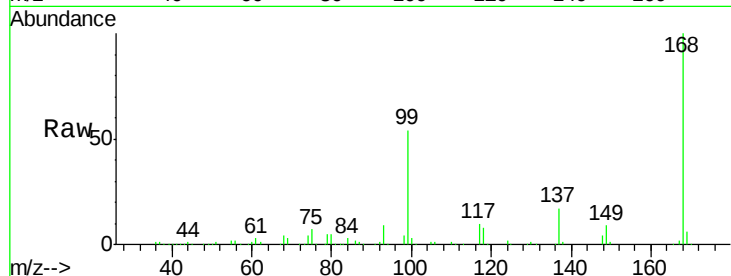




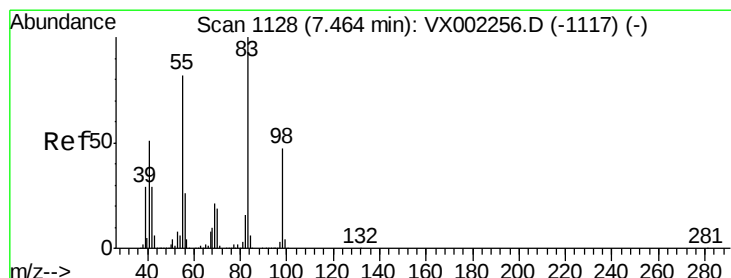
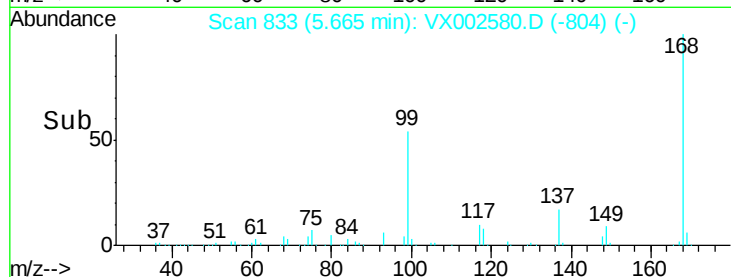
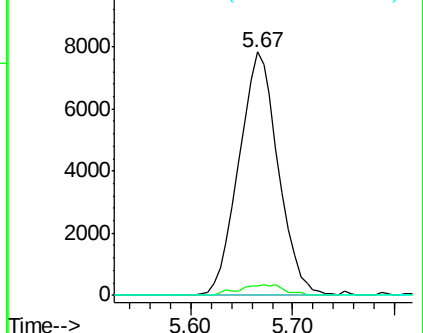
#38
Carbon Tetrachloride
Concen: 5.84 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002580.D
Acq: 15 Jun 2018 04:42

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 20935
Ion Ratio Lower Upper
117 100
119 3.8 77.4 116.0#
121 0.0 24.4 36.6#

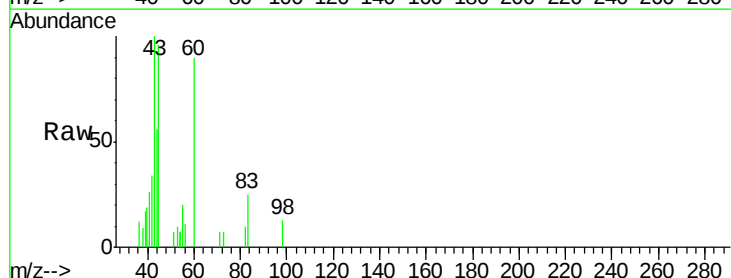


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

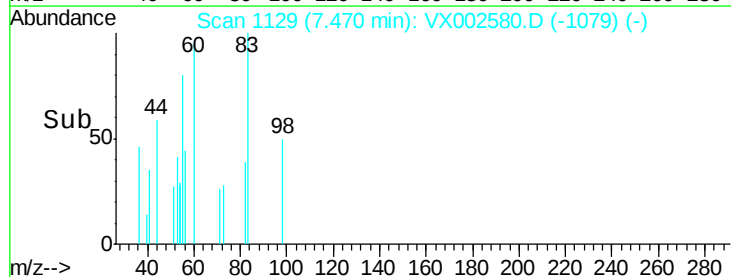
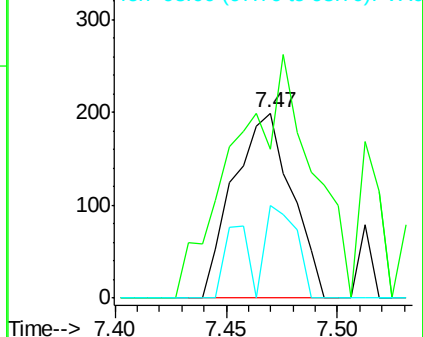


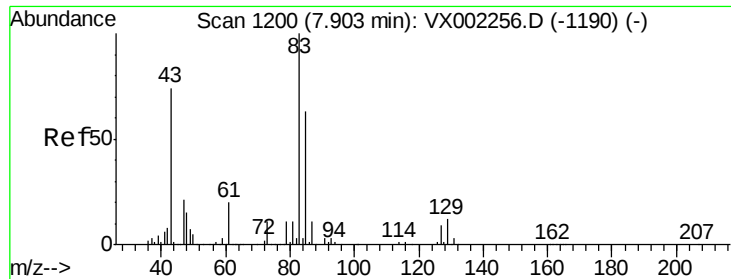
#39
Methylcyclohexane
Concen: 0.35 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX002580.D
Acq: 15 Jun 2018 04:42

Tgt Ion: 83 Resp: 364
Ion Ratio Lower Upper
83 100
55 30.2 65.4 98.0#
98 50.3 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





#47

Bromodichloromethane

Concen: 0.22 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX002580.D

Acq: 15 Jun 2018 04:42

Instrument :

MSVOA_X

ClientSampled :

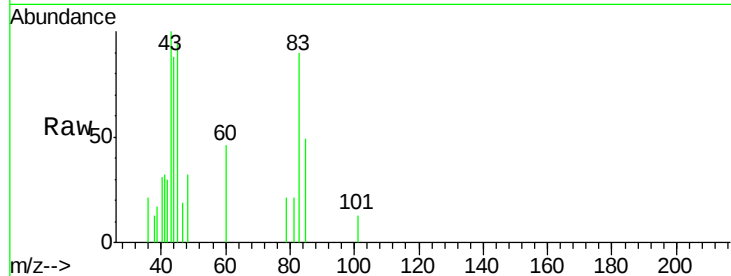
Tot Ion: 83 Resp: 774

Ion Ratio Lower Upper

83 100

85 54.7 50.3 75.5

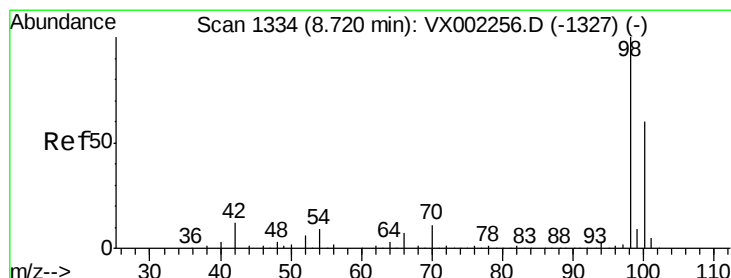
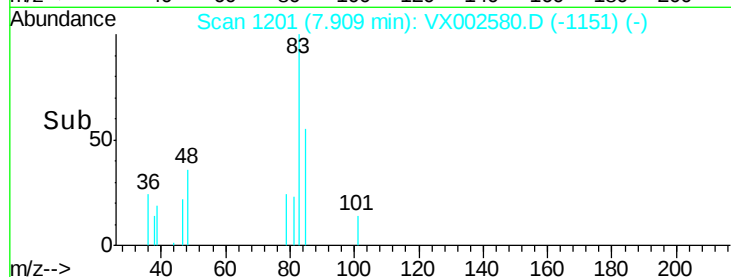
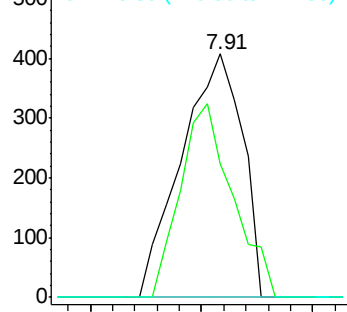
127 0.0 7.0 10.4#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#50

Toluene-d8

Concen: 48.12 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002580.D

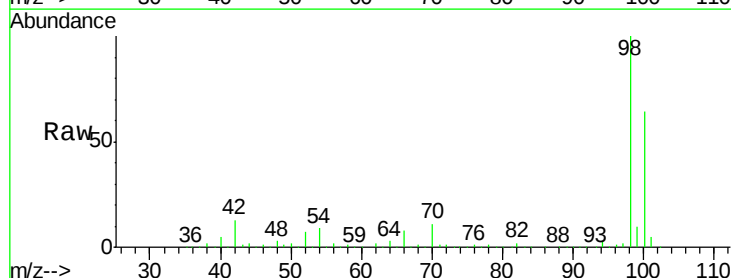
Acq: 15 Jun 2018 04:42

Tgt Ion: 98 Resp: 472640

Ion Ratio Lower Upper

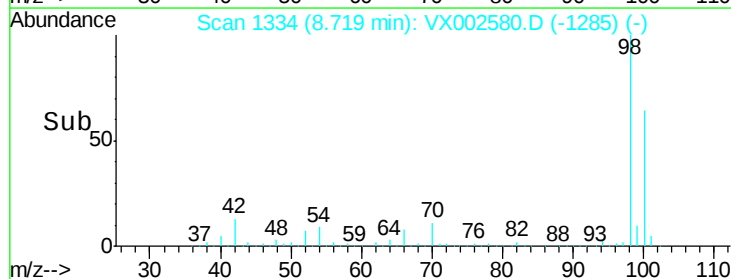
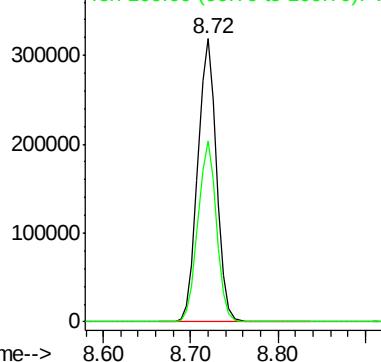
98 100

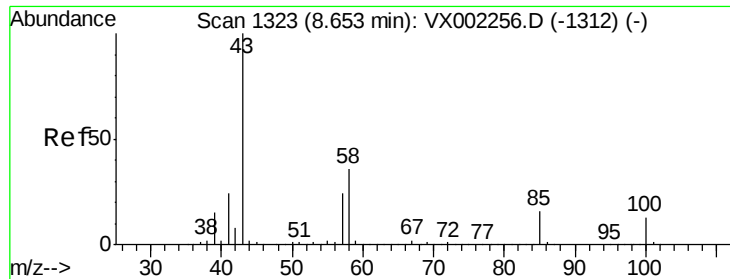
100 63.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 0.50 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002580.D

Acq: 15 Jun 2018 04:42

Instrument :

MSVOA_X

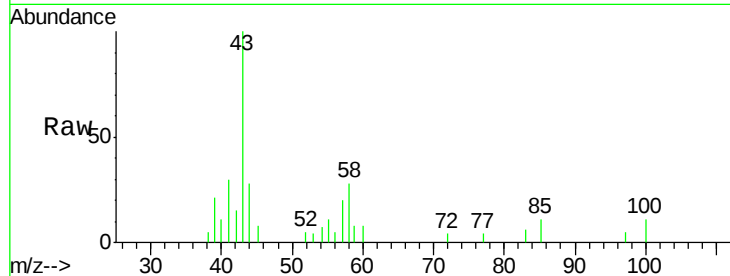
ClientSampleId :

Tot Ion: 43 Resp: 2162

Ion Ratio Lower Upper

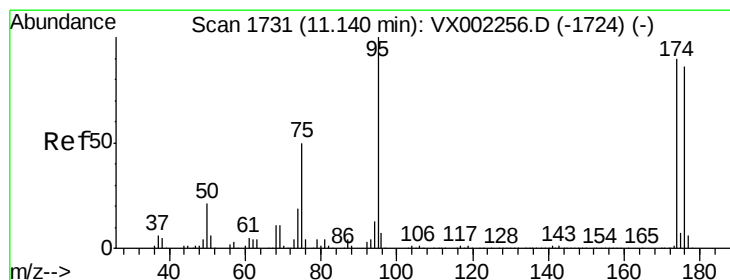
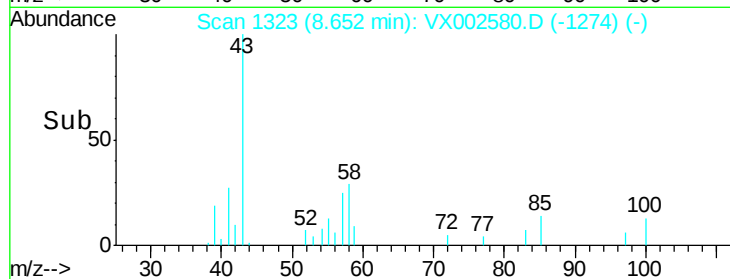
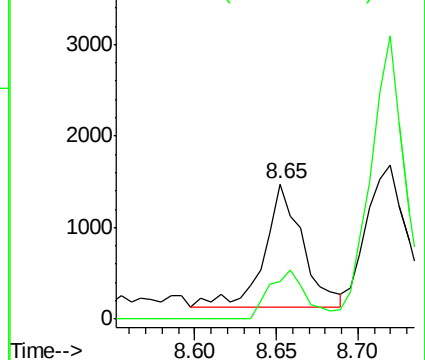
43 100

58 38.5 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#62

4-Bromofluorobenzene

Concen: 44.73 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002580.D

Acq: 15 Jun 2018 04:42

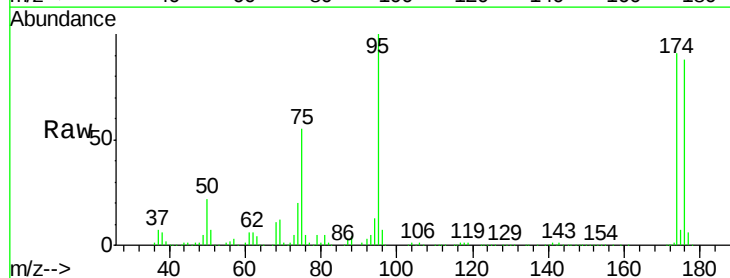
Tgt Ion: 95 Resp: 169422

Ion Ratio Lower Upper

95 100

174 96.7 0.0 187.4

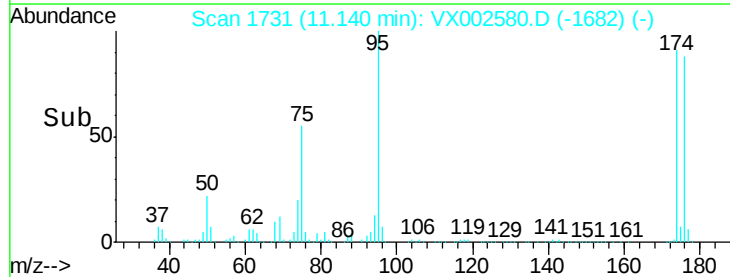
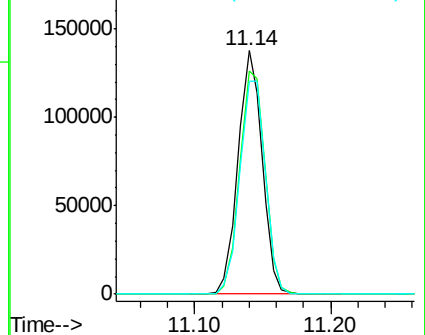
176 93.8 0.0 181.0

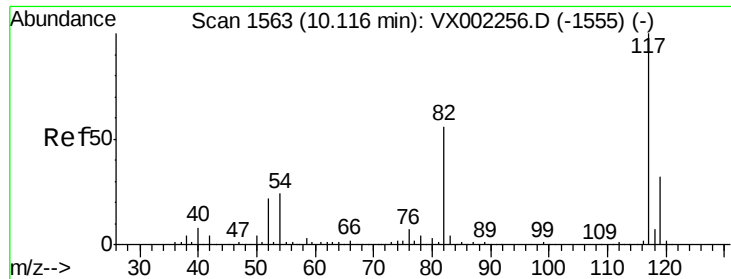


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

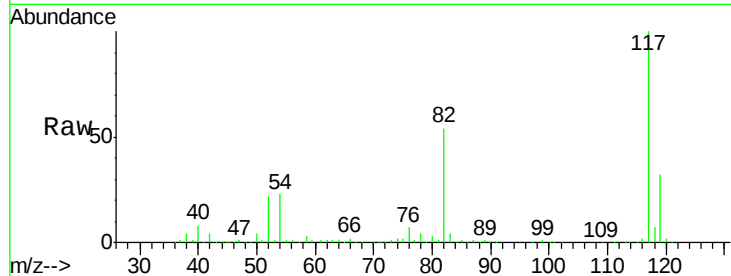




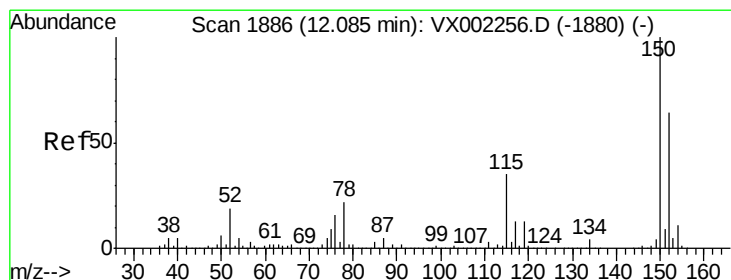
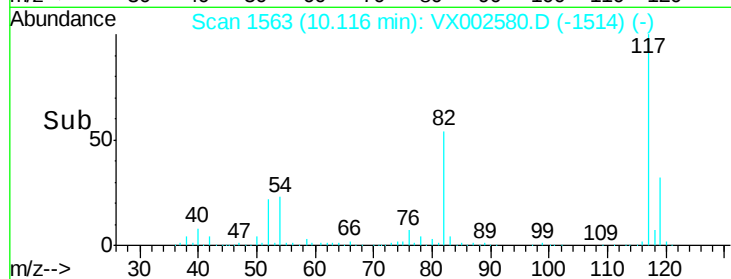
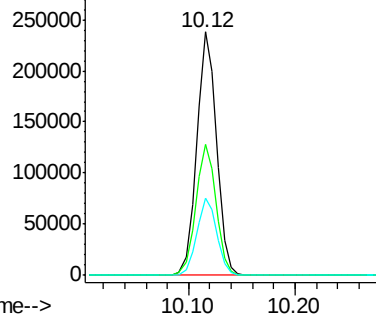
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002580.D
Acq: 15 Jun 2018 04:42

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 309816
Ion Ratio Lower Upper
117 100
82 53.9 45.0 67.4
119 31.9 25.8 38.6

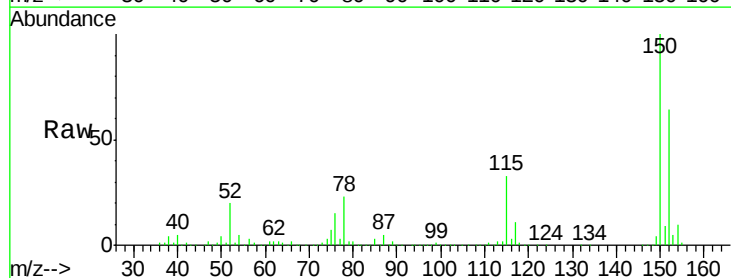


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

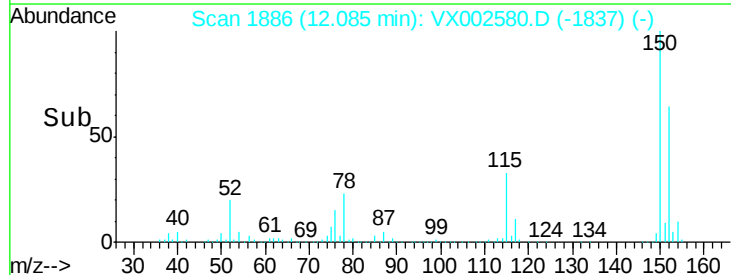
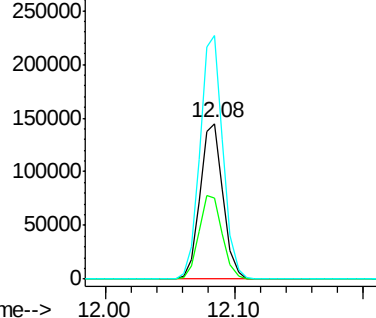


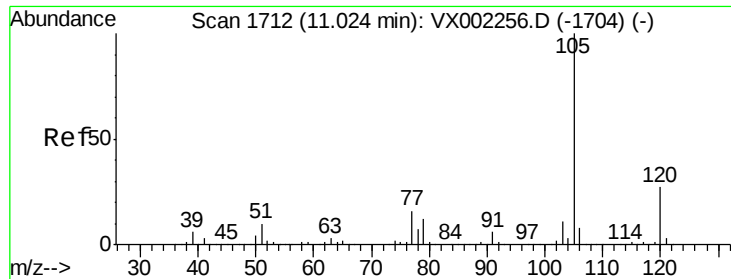
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002580.D
Acq: 15 Jun 2018 04:42

Tgt Ion:152 Resp: 180936
Ion Ratio Lower Upper
152 100
115 54.6 40.1 120.2
150 156.5 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: 0.63 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX002580.D

Acq: 15 Jun 2018 04:42

Instrument :

MSVOA_X

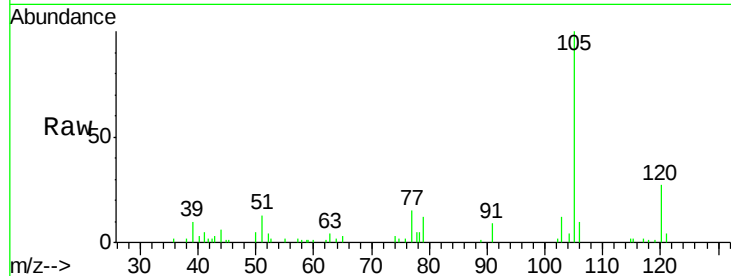
ClientSampleId :

Tot Ion: 105 Resp: 7990

Ion Ratio Lower Upper

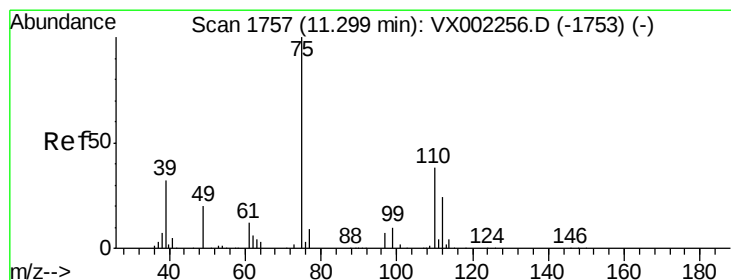
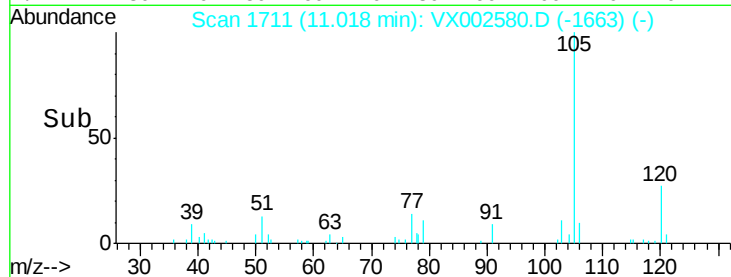
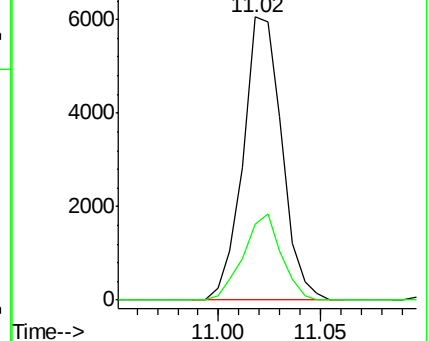
105 100

120 29.8 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: 23.50 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002580.D

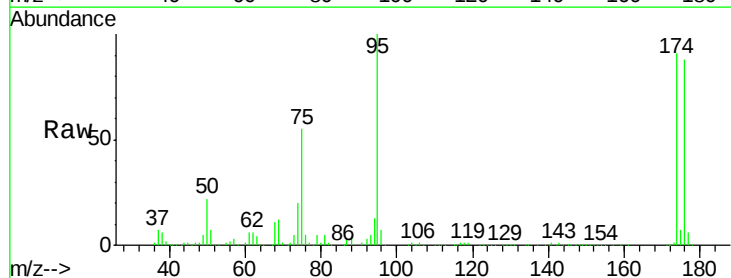
Acq: 15 Jun 2018 04:42

Tgt Ion: 75 Resp: 93304

Ion Ratio Lower Upper

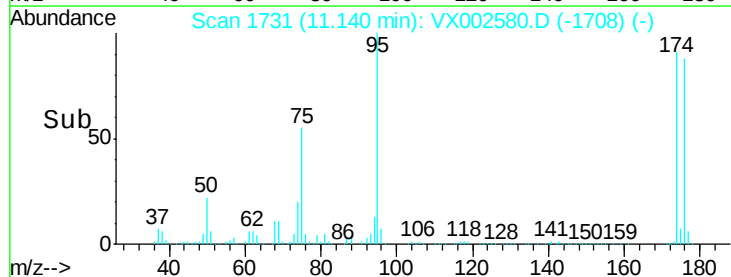
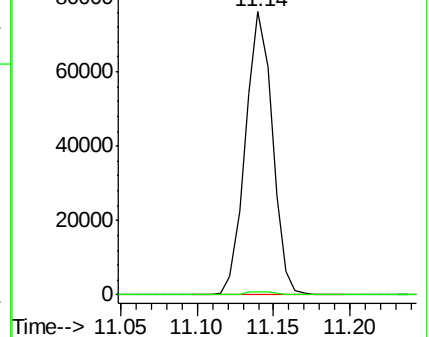
75 100

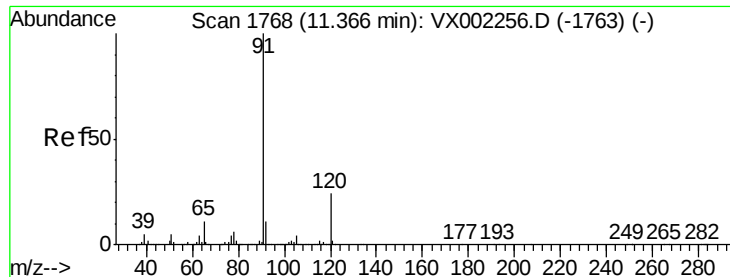
77 1.3 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 1.34 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002580.D

Acq: 15 Jun 2018 04:42

Instrument :

MSVOA_X

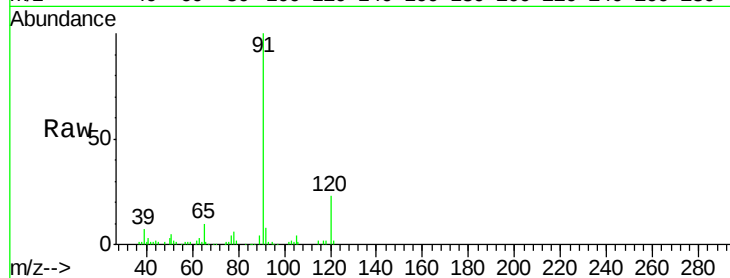
ClientSampleId :

Tot Ion: 91 Resp: 18766

Ion Ratio Lower Upper

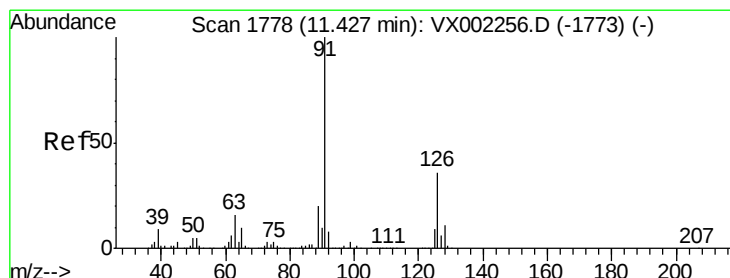
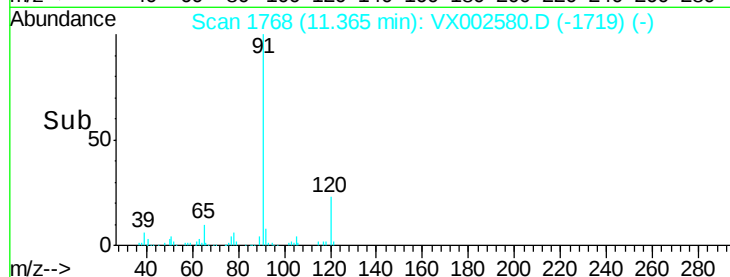
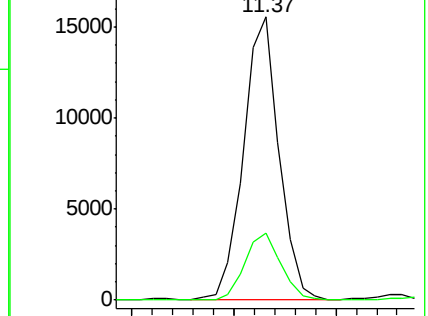
91 100

120 24.2 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 2.12 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.06 min

Lab File: VX002580.D

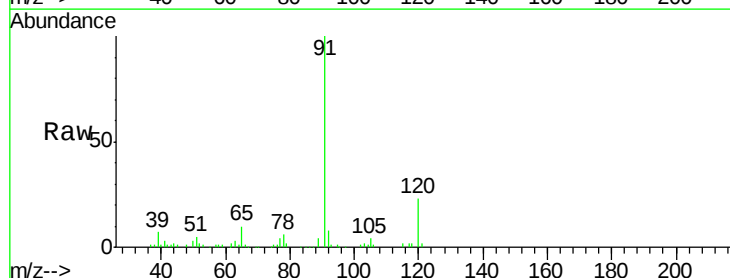
Acq: 15 Jun 2018 04:42

Tgt Ion: 91 Resp: 18766

Ion Ratio Lower Upper

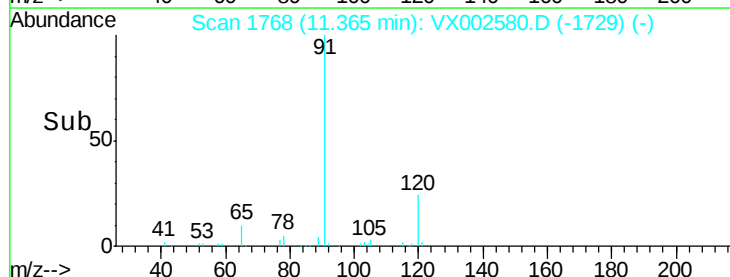
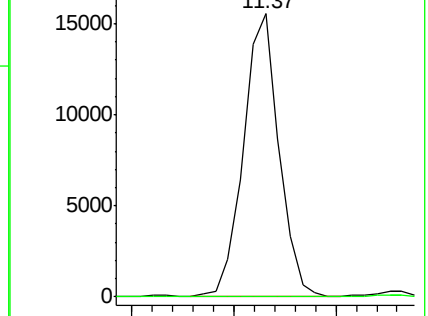
91 100

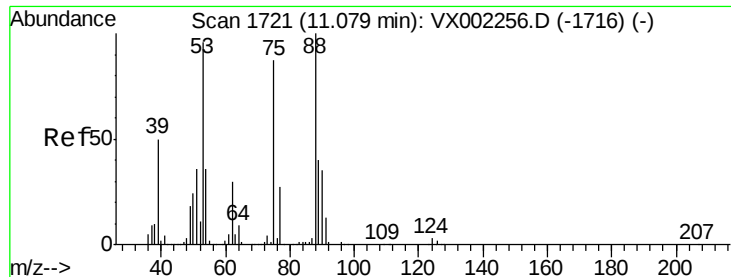
126 0.0 17.7 53.1#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 82.38 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002580.D

Acq: 15 Jun 2018 04:42

Instrument :

MSVOA_X

ClientSampleId :

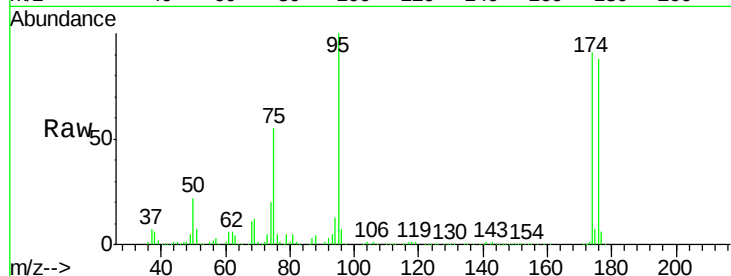
Tot Ion: 75 Resp: 93304

Ion Ratio Lower Upper

75 100

53 0.0 86.8 130.2#

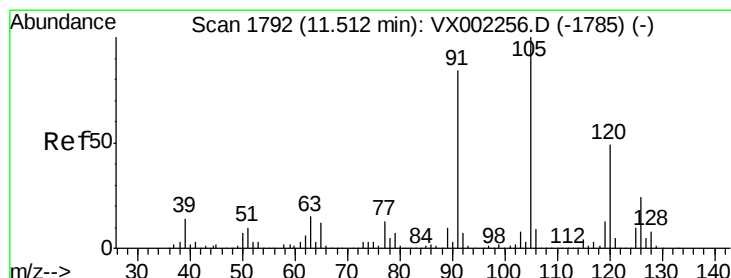
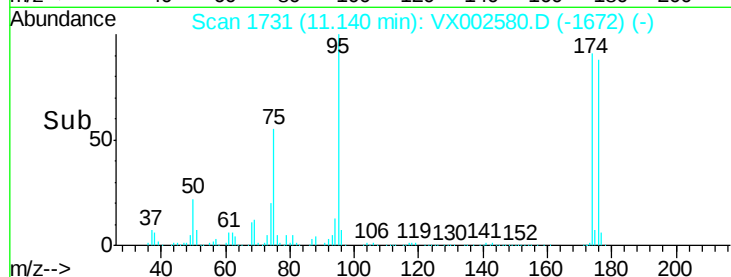
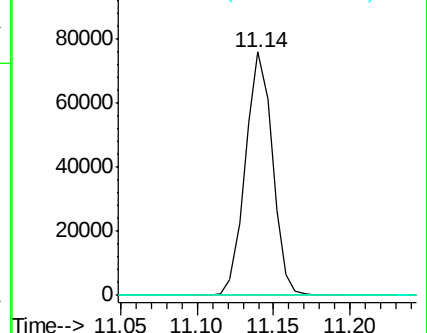
89 0.0 38.2 57.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 1.84 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.15 min

Lab File: VX002580.D

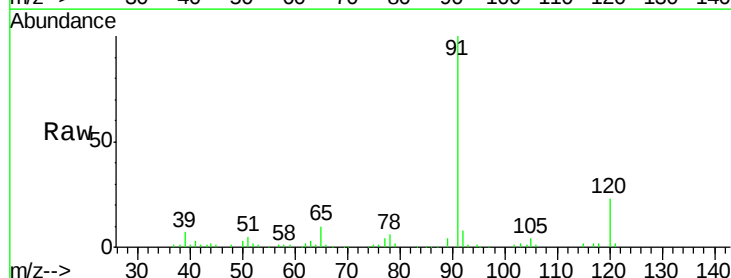
Acq: 15 Jun 2018 04:42

Tgt Ion: 91 Resp: 18766

Ion Ratio Lower Upper

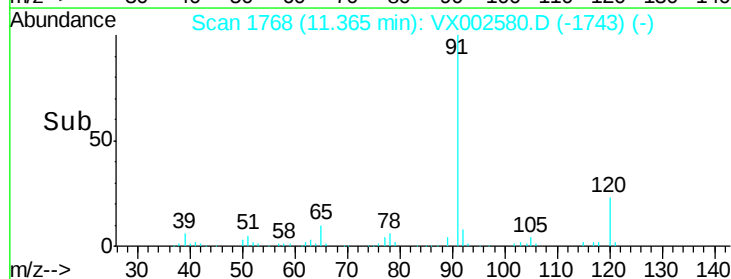
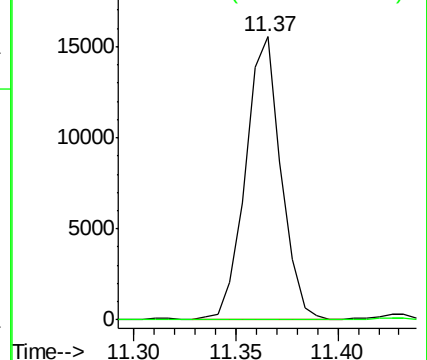
91 100

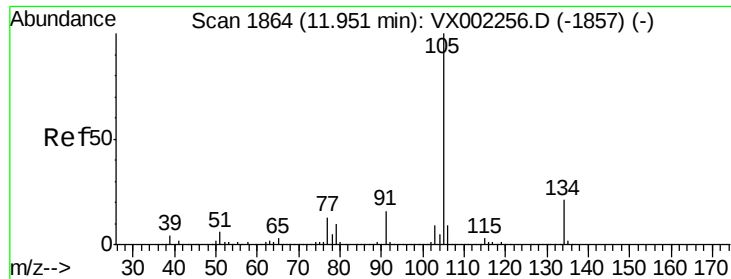
126 0.0 15.4 46.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#85

sec-Butylbenzene

Concen: 0.67 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002580.D

Acq: 15 Jun 2018 04:42

Instrument :

MSVOA_X

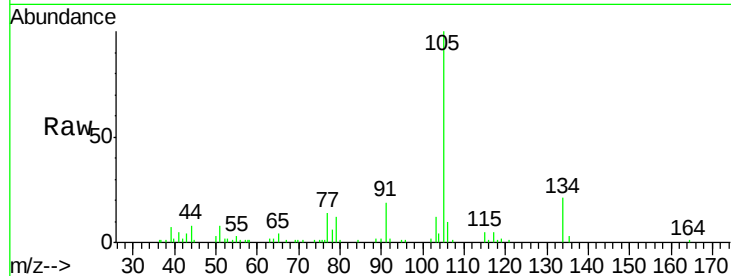
ClientSampleId :

Tot Ion:105 Resp: 8314

Ion Ratio Lower Upper

105 100

134 27.0 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

8000

6000

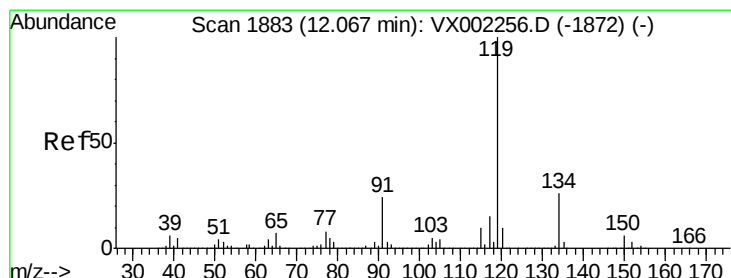
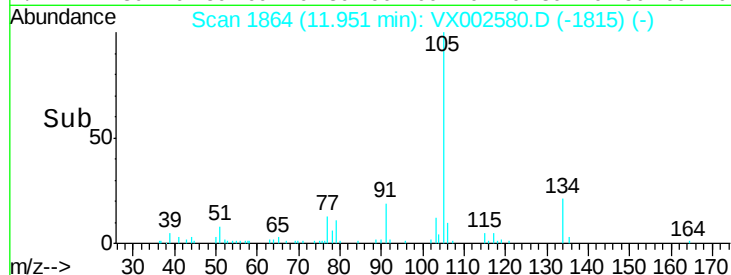
4000

2000

0

Time-->

11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 0.30 ug/l

RT: 12.24 min Scan# 1911

Delta R.T. 0.17 min

Lab File: VX002580.D

Acq: 15 Jun 2018 04:42

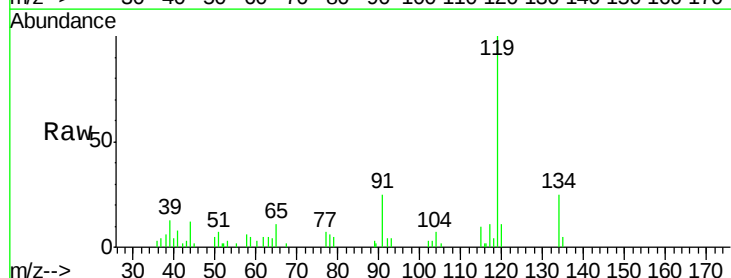
Tgt Ion:119 Resp: 3352

Ion Ratio Lower Upper

119 100

134 28.5 13.4 40.1

91 32.6 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

6000

5000

4000

3000

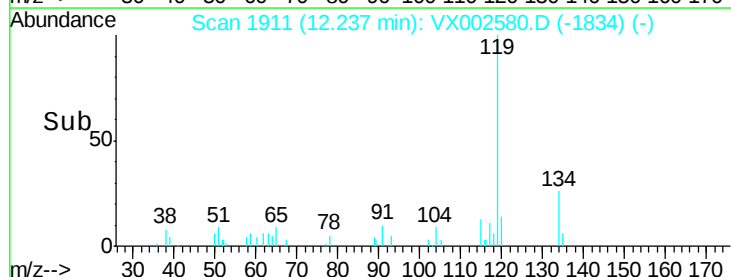
2000

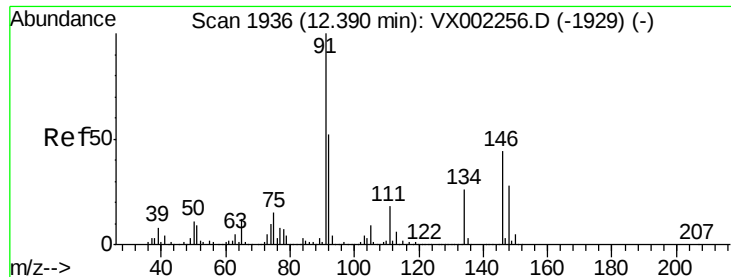
1000

0

Time-->

12.20 12.25





#89

n-Butylbenzene

Concen: 0.66 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002580.D

Acq: 15 Jun 2018 04:42

Instrument :

MSVOA_X

ClientSampled :

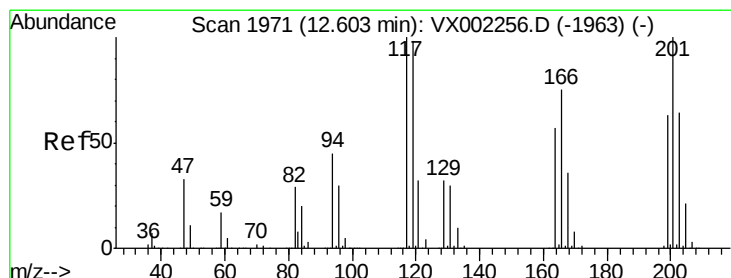
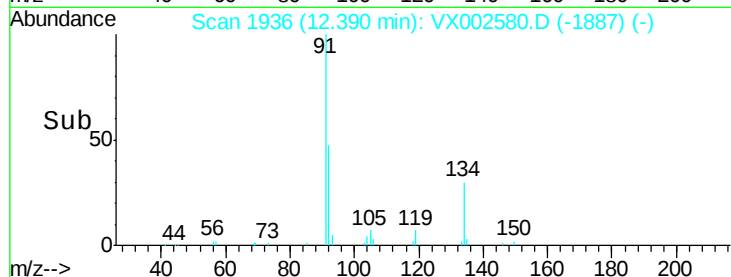
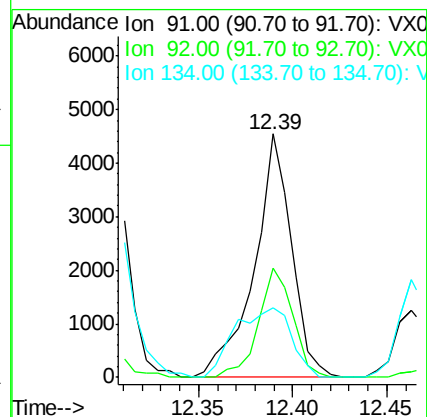
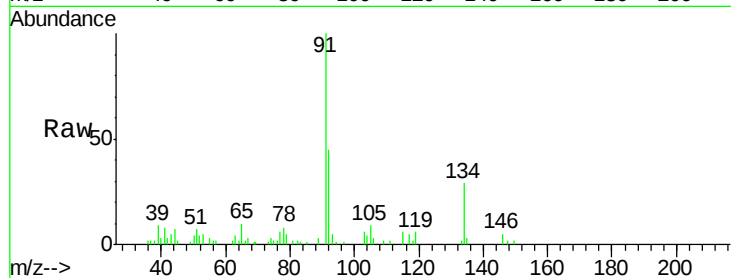
Tot Ion: 91 Resp: 6223

Ion Ratio Lower Upper

91 100

92 41.3 26.0 78.0

134 43.4 13.5 40.5#



#90

Hexachloroethane

Concen: 2.21 ug/l

RT: 12.67 min Scan# 1982

Delta R.T. 0.07 min

Lab File: VX002580.D

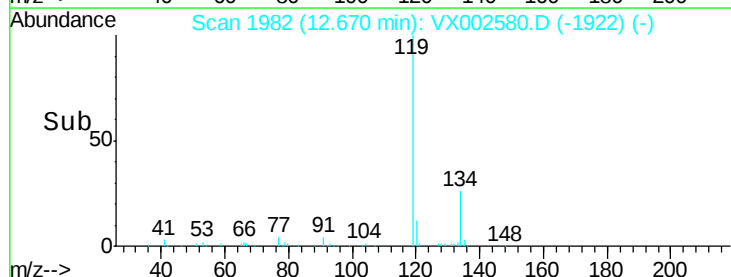
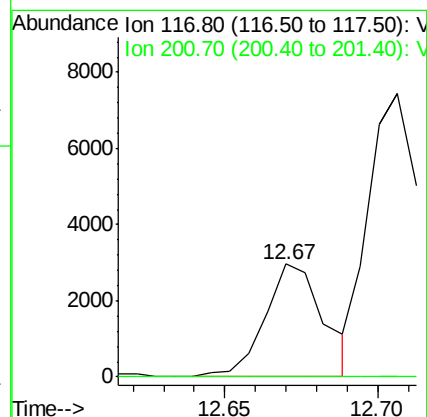
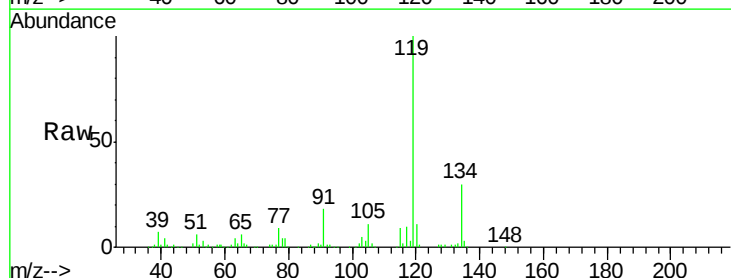
Acq: 15 Jun 2018 04:42

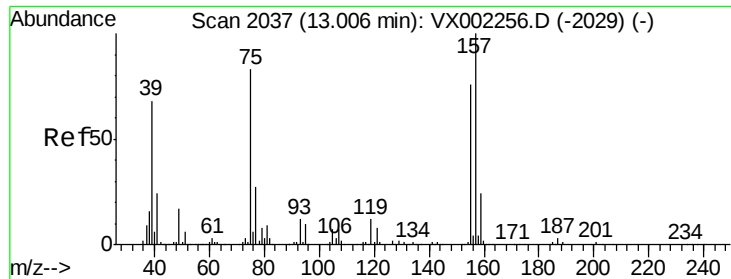
Tgt Ion:117 Resp: 3956

Ion Ratio Lower Upper

117 100

201 0.0 49.0 147.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.56 ug/l

RT: 12.99 min Scan# 2034

Delta R.T. -0.02 min

Lab File: VX002580.D

Acq: 15 Jun 2018 04:42

Instrument :

MSVOA_X

ClientSampleId :

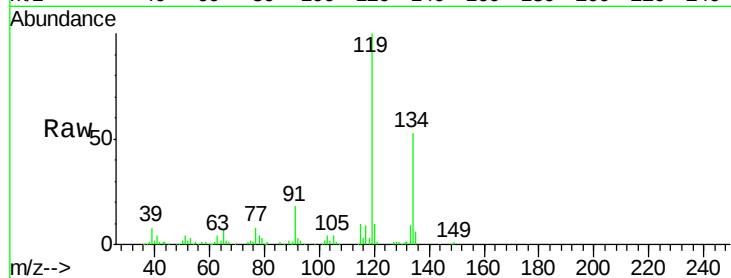
Tot Ion: 75 Resp: 489

Ion Ratio Lower Upper

75 100

155 3.9 45.8 137.4#

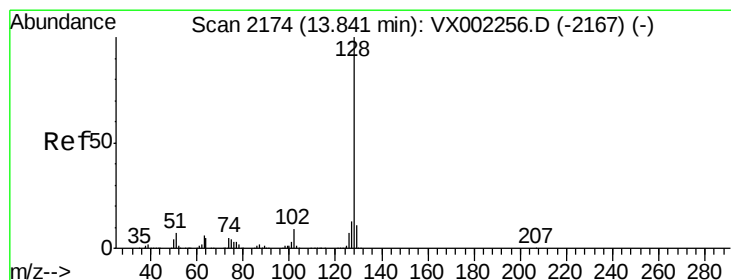
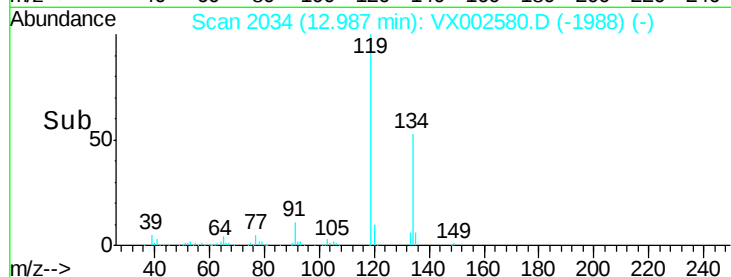
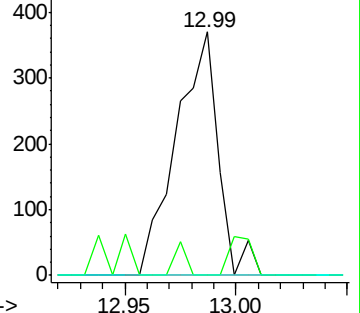
157 0.0 60.1 180.3#



Abundance Ion 74.90 (74.60 to 75.60): VX002256.D (-2029) (-)

Ion 154.80 (154.50 to 155.50): VX002256.D (-2029) (-)

Ion 156.80 (156.50 to 157.50): VX002256.D (-2029) (-)



#95

Naphthalene

Concen: 2.72 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002580.D

Acq: 15 Jun 2018 04:42

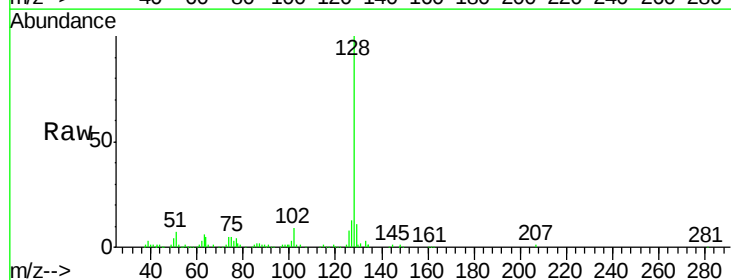
Tgt Ion:128 Resp: 35804

Ion Ratio Lower Upper

128 100

127 14.4 10.4 15.6

129 12.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): VX002256.D (-2167) (-)

Ion 127.00 (126.70 to 127.70): VX002256.D (-2167) (-)

Ion 129.00 (128.70 to 129.70): VX002256.D (-2167) (-)

