

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002325.D
 Acq On : 06 Jun 2018 00:50
 Operator : JC/MD
 Sample : J3309-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 06 04:38:18 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	236215	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	344740	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	320549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	188481	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	164767	48.69	ug/l	0.00
Spiked Amount			Recovery	=	97.38%	
35) Dibromofluoromethane	5.51	113	120478	44.44	ug/l	0.00
Spiked Amount			Recovery	=	88.88%	
50) Toluene-d8	8.72	98	498209	47.94	ug/l	0.00
Spiked Amount			Recovery	=	95.88%	
62) 4-Bromofluorobenzene	11.14	95	177157	44.21	ug/l	0.00
Spiked Amount			Recovery	=	88.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	699	Below Cal	#	82
5) Bromomethane	1.64	94	1726	Below Cal	#	92
8) Diethyl Ether	2.20	74	115	Below Cal	#	27
10) Methyl Iodide	2.52	142	3040	0.85	ug/l	88
11) Tert butyl alcohol	3.09	59	1908	Below Cal	#	66
13) Acrolein	2.29	56	242	Below Cal	#	57
15) Acrylonitrile	3.15	53	536	Below Cal	#	22
16) Acetone	2.45	43	2670	Below Cal	#	95
17) Carbon Disulfide	2.57	76	1855	0.28	ug/l	87
18) Methyl Acetate	2.79	43	191	Below Cal	#	55
19) Methyl tert-butyl Ether	3.21	73	127	Below Cal	#	1
20) Methylene Chloride	2.86	84	2113	Below Cal	#	95
21) trans-1,2-Dichloroethene	3.16	96	602	0.22	ug/l	91
22) Diisopropyl ether	3.89	45	379	Below Cal	#	53
25) 2-Butanone	4.72	43	513	0.22	ug/l	52
28) Bromochloromethane	5.03	49	151	Below Cal	#	46
29) Tetrahydrofuran	5.18	42	1062	0.71	ug/l	73
36) 1,1-Dichloropropene	5.66	75	16923	4.67	ug/l	50
38) Carbon Tetrachloride	5.67	117	22550	5.95	ug/l	15
39) Methylcyclohexane	7.45	83	255	0.32	ug/l	16
49) 1,4-Dioxane	7.77	88	65	0.93	ug/l	1
64) Tetrachloroethene	9.34	164	725	0.22	ug/l	85
68) m/p-Xylenes	10.36	106	1617	0.31	ug/l	92
76) 1,2,3-Trichloropropane	11.14	75	94779	22.92	ug/l	32
81) trans-1,4-Dichloro-2-buten	11.14	75	94779	80.33	ug/l	7
82) 4-Chlorotoluene	11.52	91	2578	0.24	ug/l	100
86) p-Isopropyltoluene	12.07	119	2415	0.21	ug/l	72
87) 1,3-Dichlorobenzene	12.03	146	2016	0.31	ug/l	93
88) 1,4-Dichlorobenzene	12.03	146	2016	0.30	ug/l	93
89) n-Butylbenzene	12.39	91	2387	0.24	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	1634	0.24	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	2361	0.49	ug/l	98
94) Hexachlorobutadiene	13.79	225	487	0.21	ug/l	88
95) Naphthalene	13.84	128	3529	0.26	ug/l	90

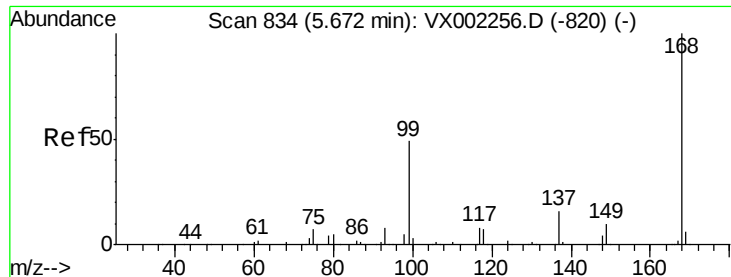
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
Data File : VX002325.D
Acq On : 06 Jun 2018 00:50
Operator : JC/MD
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 06 04:38:18 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)
96) 1,2,3-Trichlorobenzene	14.02	180	1944	0.40	ug/l	96

(#) = 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: VX002325.D

Acq: 06 Jun 2018 00:50

Instrument :

MSVOA_X

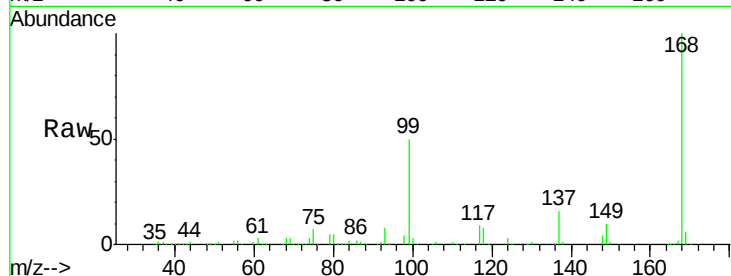
ClientSampleId :

Tot Ion:168 Resp: 236215

Ion Ratio Lower Upper

168 100

99 50.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

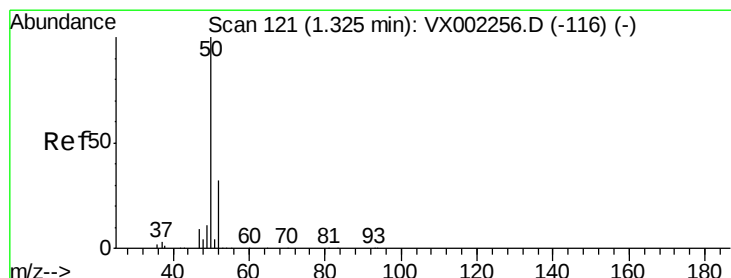
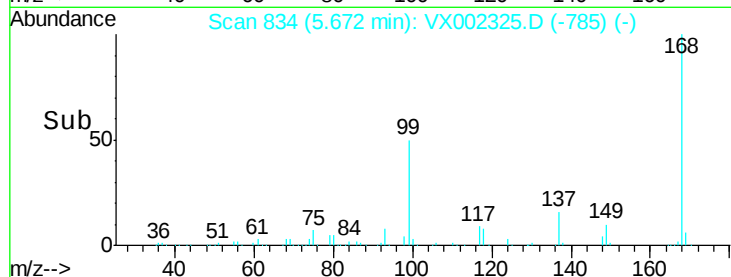
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002325.D

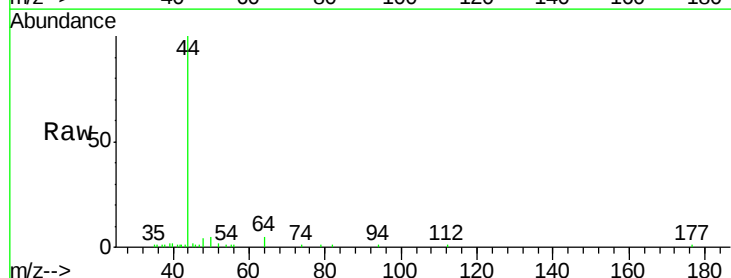
Acq: 06 Jun 2018 00:50

Tgt Ion: 50 Resp: 699

Ion Ratio Lower Upper

50 100

52 42.0 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

500

400

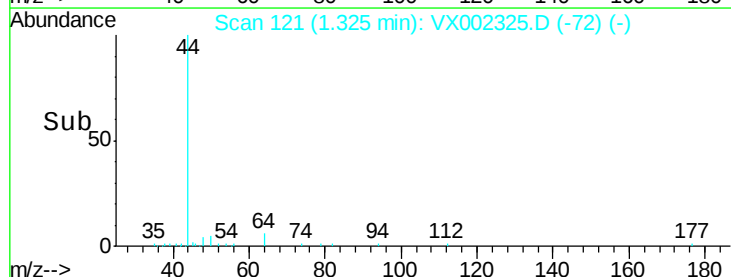
300

200

100

0

Time--> 1.30 1.35 1.40





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002325.D

Acq: 06 Jun 2018 00:50

Instrument :

MSVOA_X

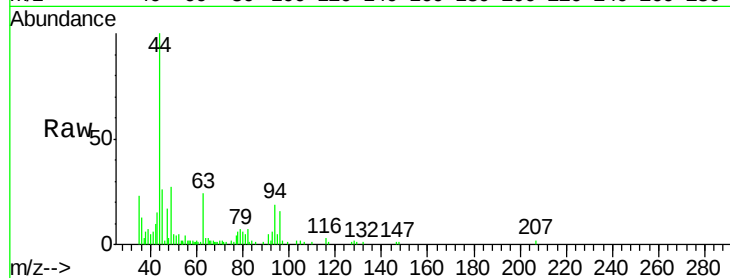
ClientSampleId :

Tot Ion: 94 Resp: 1726

Ion Ratio Lower Upper

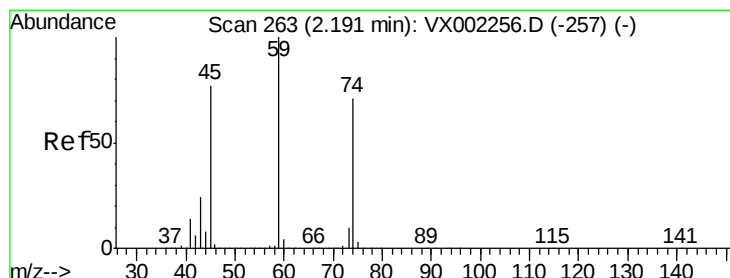
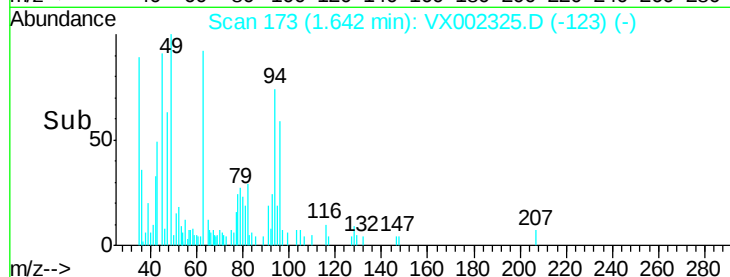
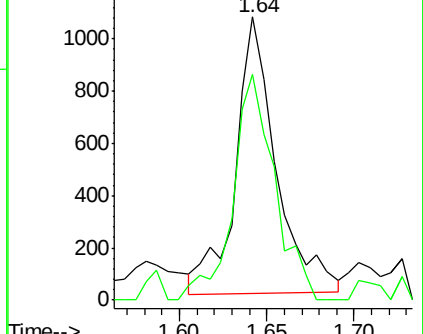
94 100

96 85.8 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#8

Diethyl Ether

Concen: Below Cal

RT: 2.20 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX002325.D

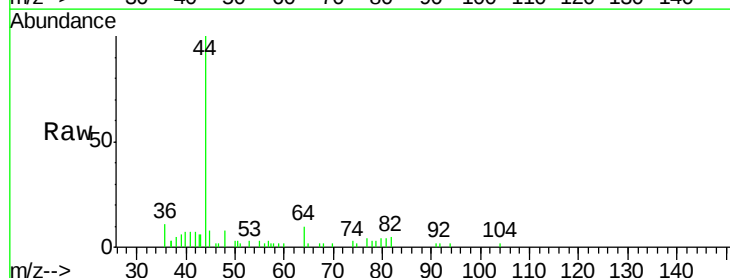
Acq: 06 Jun 2018 00:50

Tgt Ion: 74 Resp: 115

Ion Ratio Lower Upper

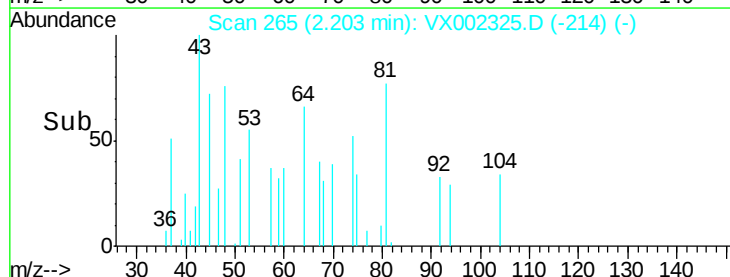
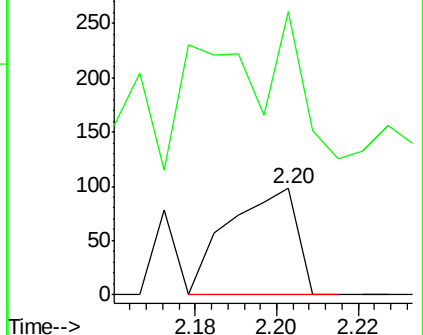
74 100

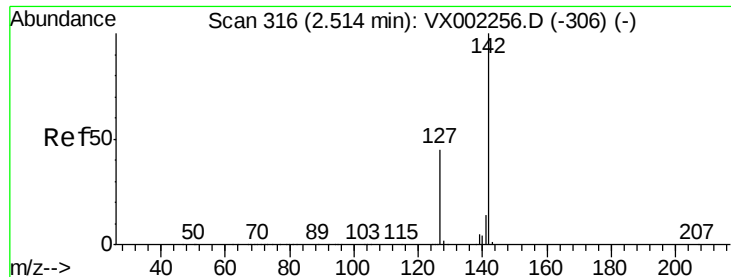
45 181.7 53.1 159.4#



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

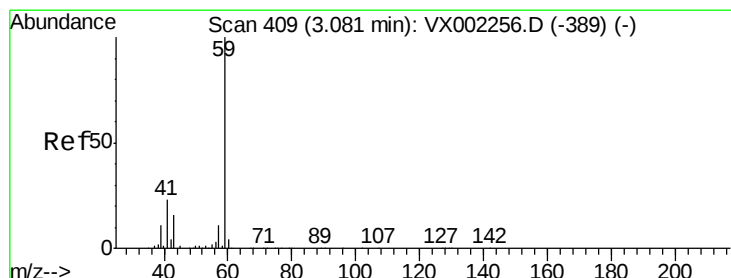
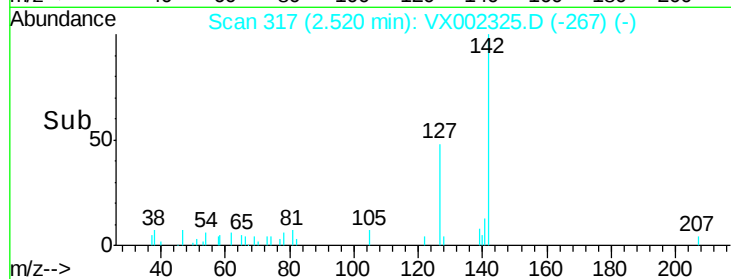
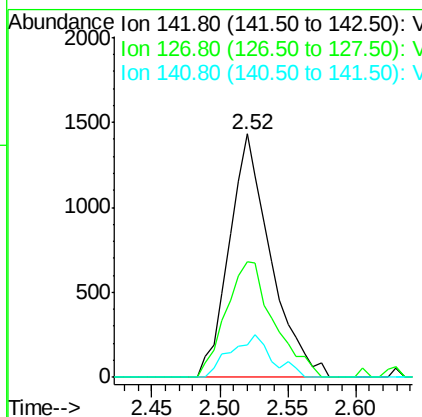
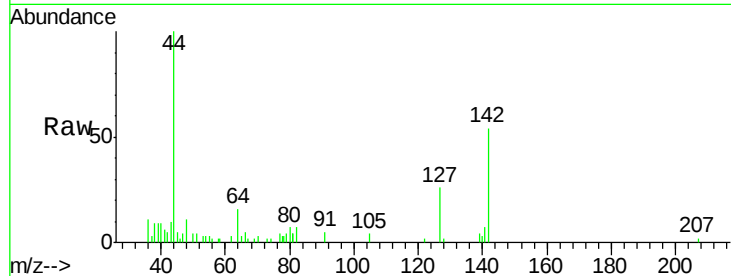




#10
Methvl Iodide
Concen: 0.85 ua/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002325.D
Acq: 06 Jun 2018 00:50

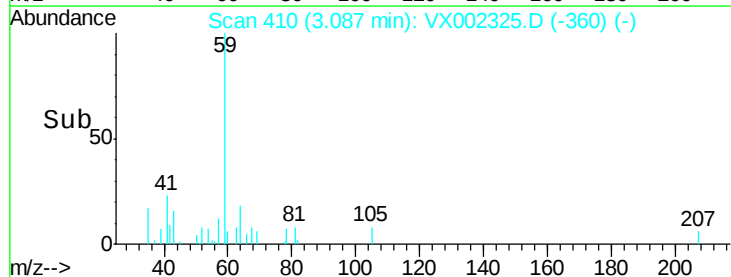
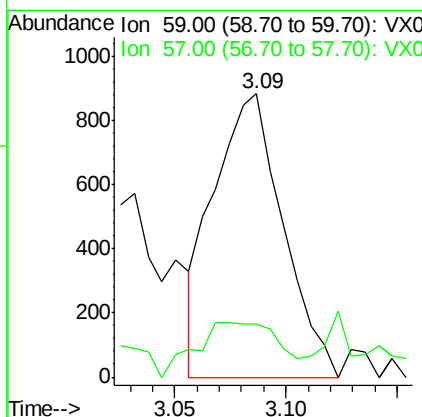
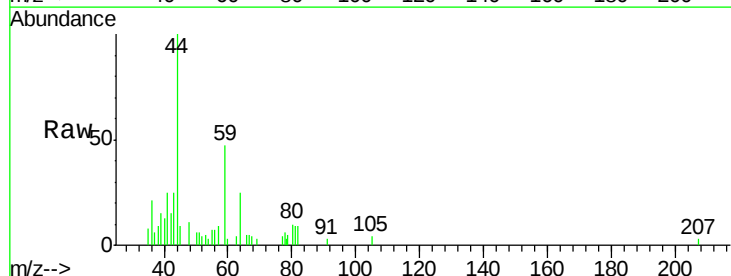
Instrument :
MSVOA_X
ClientSampleId :

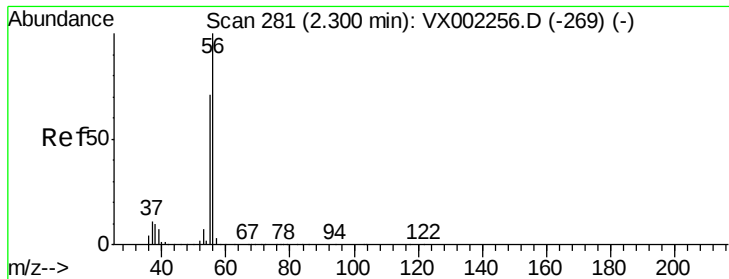
Tot Ion:142 Resp: 3040
Ion Ratio Lower Upper
142 100
127 54.6 36.6 55.0
141 17.4 11.3 16.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX002325.D
Acq: 06 Jun 2018 00:50

Tgt Ion: 59 Resp: 1908
Ion Ratio Lower Upper
59 100
57 23.0 8.2 12.2#





#13

Acrolein

Concen: Below Cal

RT: 2.29 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX002325.D

Acq: 06 Jun 2018 00:50

Instrument :

MSVOA_X

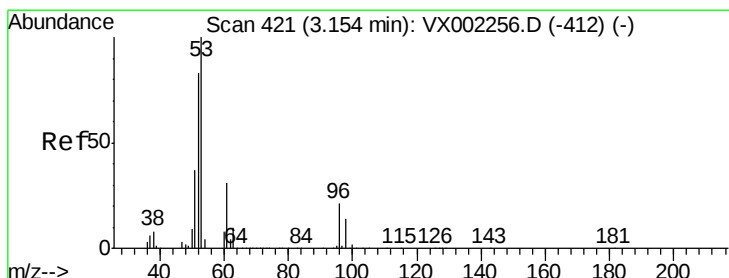
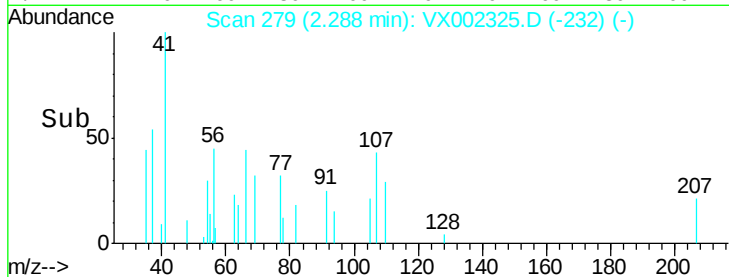
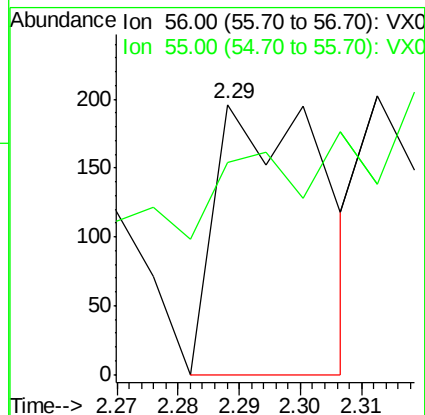
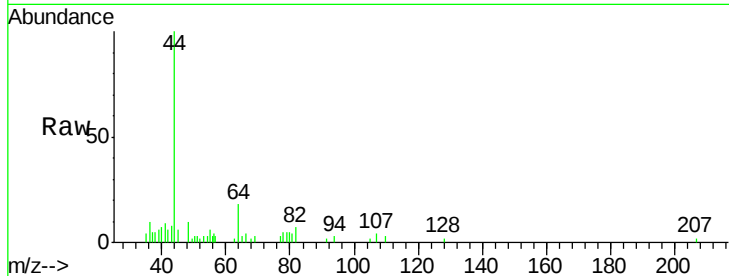
ClientSampled :

Tot Ion: 56 Resp: 242

Ion Ratio Lower Upper

56 100

55 36.0 57.0 85.4#



#15

Acrylonitrile

Concen: Below Cal

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002325.D

Acq: 06 Jun 2018 00:50

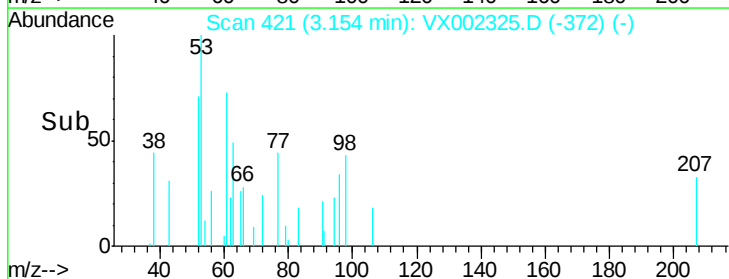
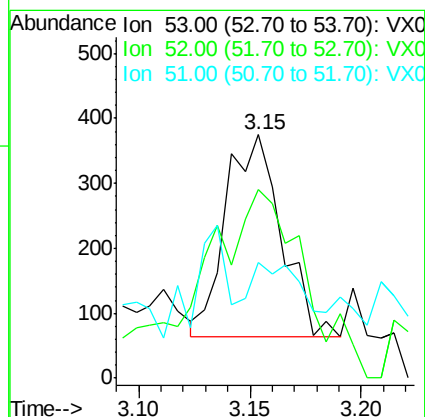
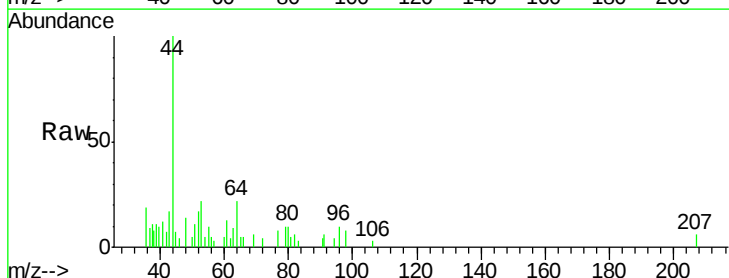
Tgt Ion: 53 Resp: 536

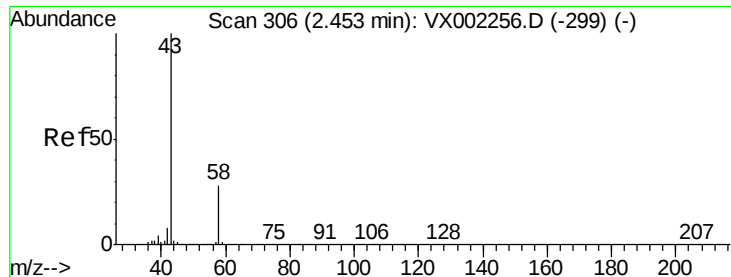
Ion Ratio Lower Upper

53 100

52 184.9 66.7 100.1#

51 35.8 29.9 44.9





#16

Acetone

Concen: Below Cal

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002325.D

Acq: 06 Jun 2018 00:50

Instrument :

MSVOA_X

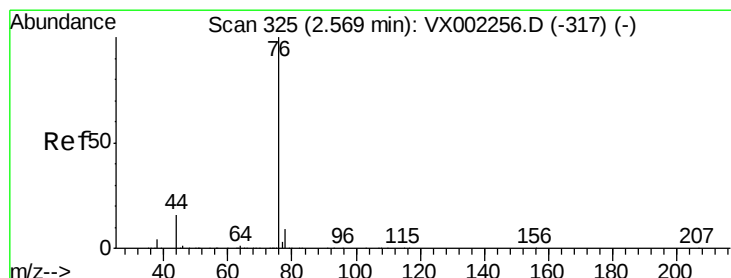
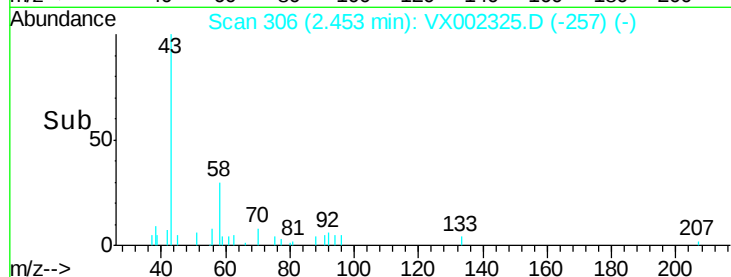
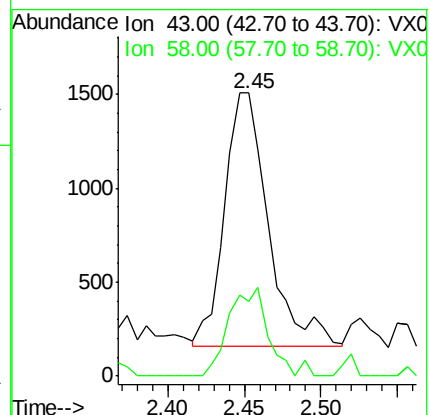
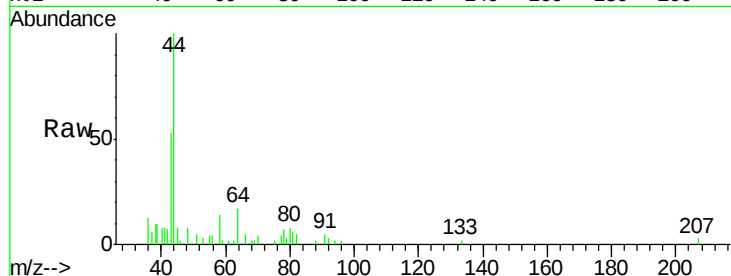
ClientSampleId :

Tot Ion: 43 Resp: 2670

Ion Ratio Lower Upper

43 100

58 30.0 22.1 33.1



#17

Carbon Disulfide

Concen: 0.28 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX002325.D

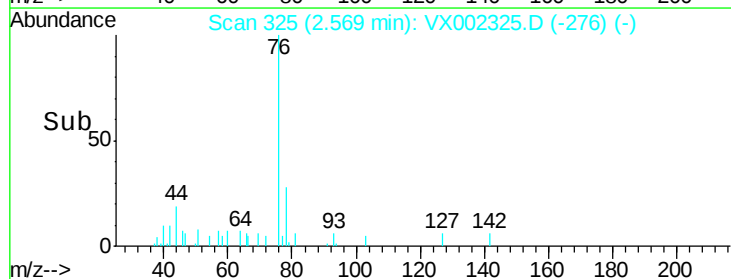
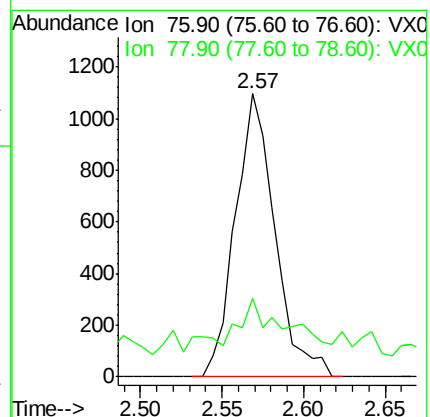
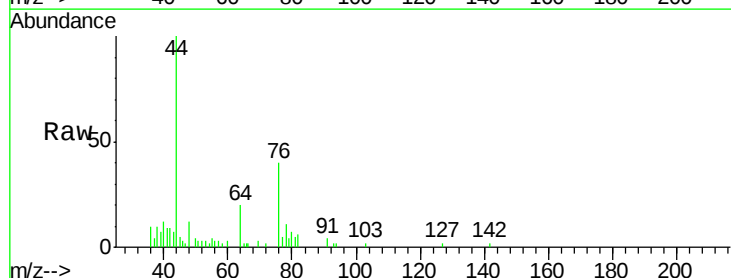
Acq: 06 Jun 2018 00:50

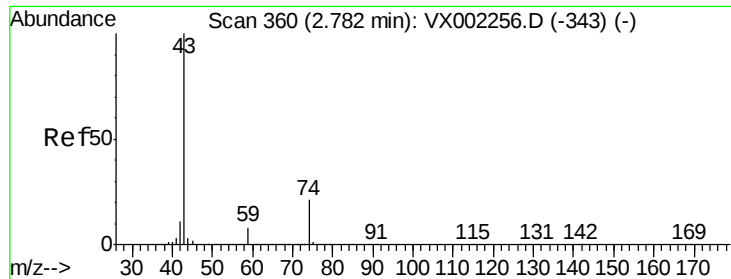
Tgt Ion: 76 Resp: 1855

Ion Ratio Lower Upper

76 100

78 13.3 6.9 10.3#

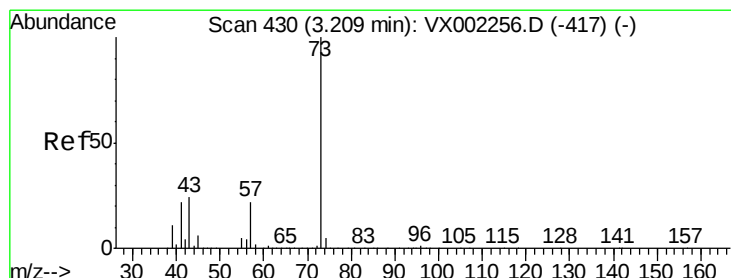
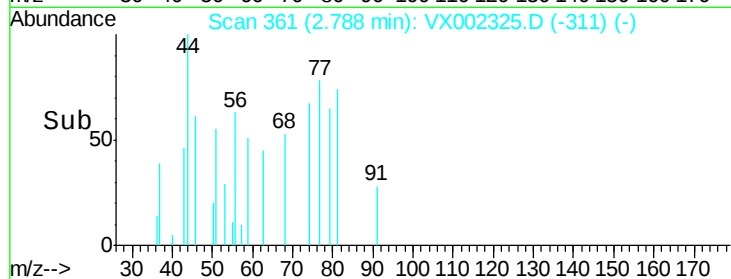
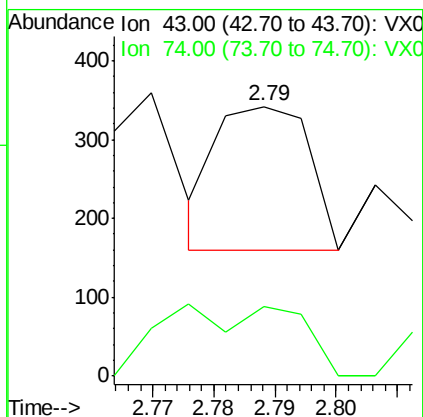
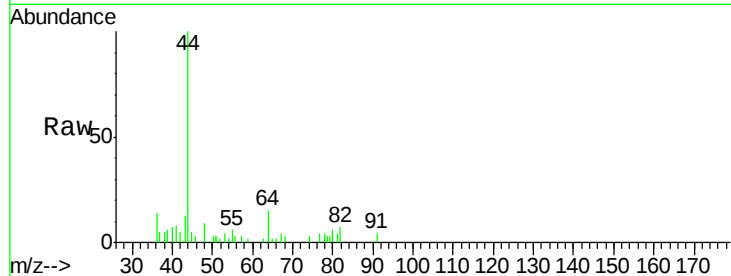




#18
Methyl Acetate
Concen: Below Cal
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX002325.D
Acq: 06 Jun 2018 00:50

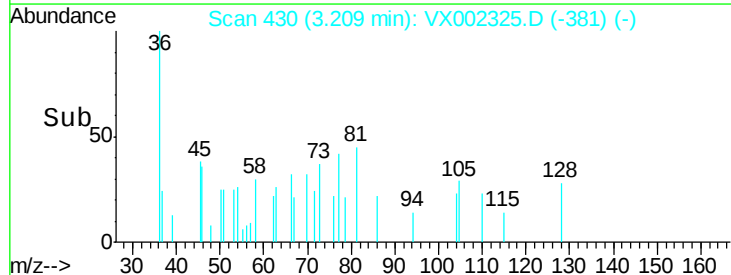
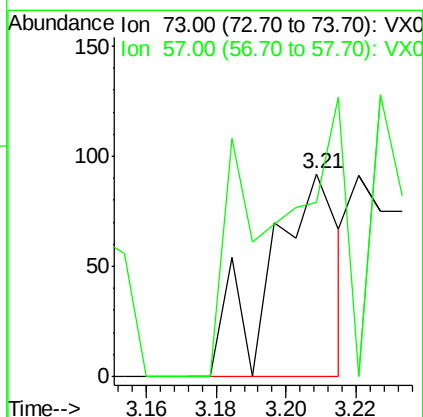
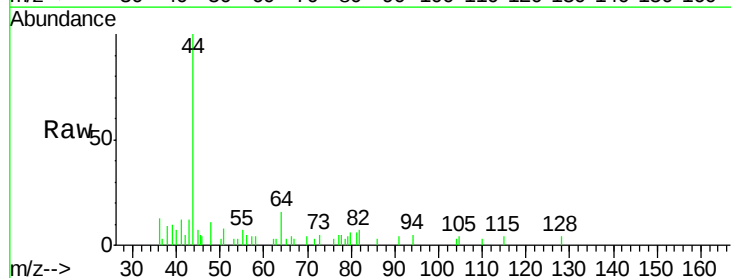
Instrument :
MSVOA_X
ClientSampled :

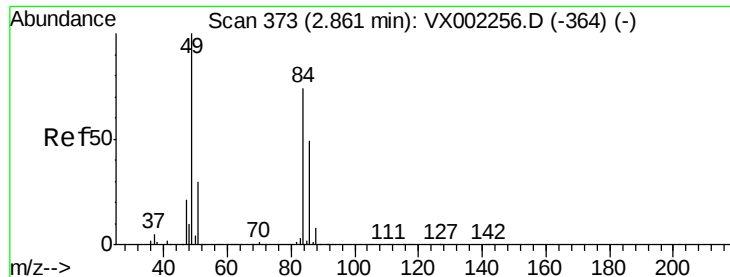
Tot Ion: 43 Resp: 191
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002325.D
Acq: 06 Jun 2018 00:50

Tgt Ion: 73 Resp: 127
Ion Ratio Lower Upper
73 100
57 85.9 17.7 26.5#

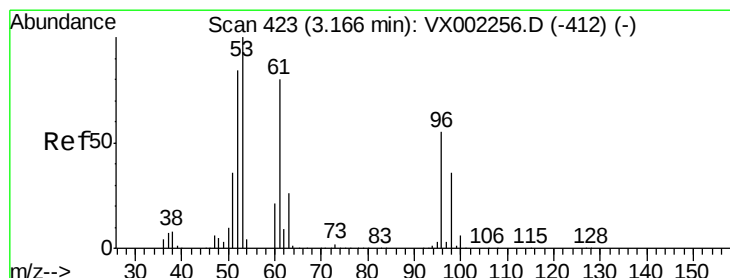
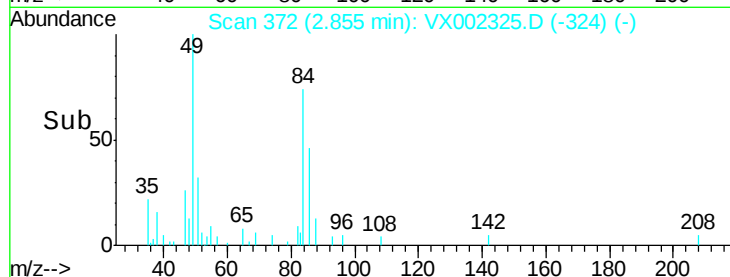
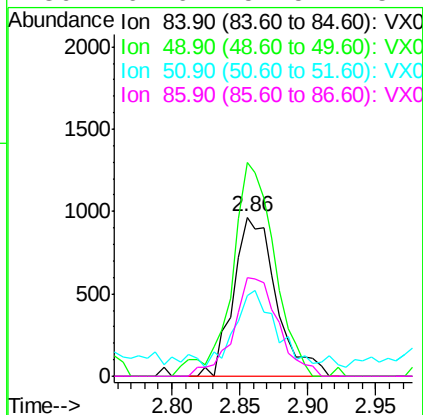
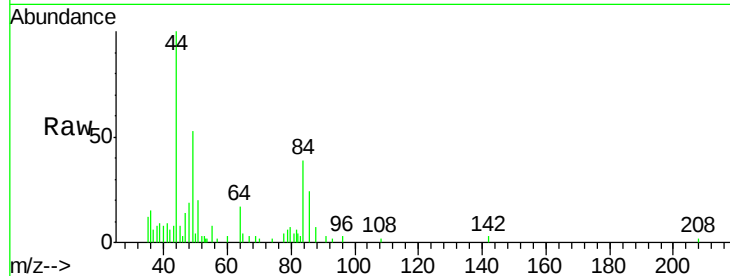




#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002325.D
Acq: 06 Jun 2018 00:50

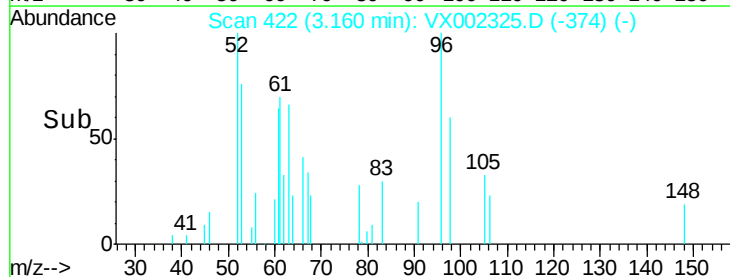
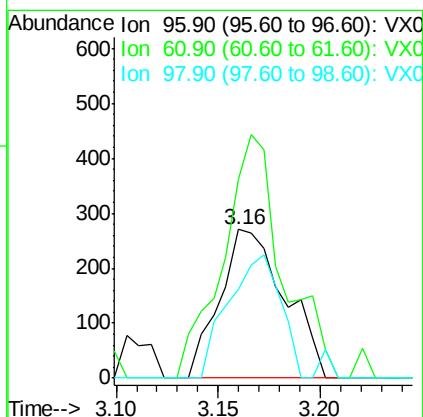
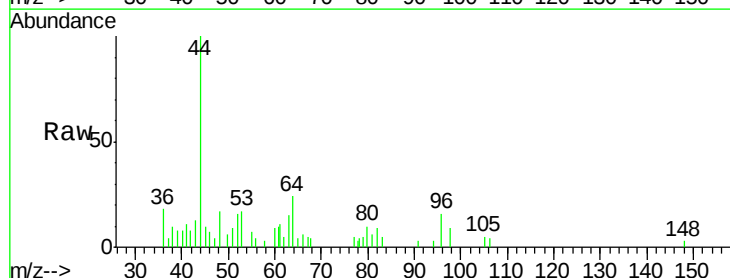
Instrument :
MSVOA_X
ClientSampleId :

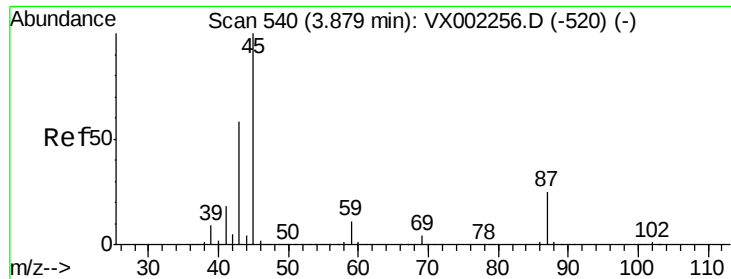
Tot Ion: 84 Resp: 2113
Ion Ratio Lower Upper
84 100
49 128.7 107.8 161.6
51 44.1 32.8 49.2
86 61.6 52.5 78.7



#21
trans-1,2-Dichloroethene
Concen: 0.22 ug/l
RT: 3.16 min Scan# 422
Delta R.T. -0.01 min
Lab File: VX002325.D
Acq: 06 Jun 2018 00:50

Tgt Ion: 96 Resp: 602
Ion Ratio Lower Upper
96 100
61 133.7 117.0 175.4
98 59.6 52.4 78.6



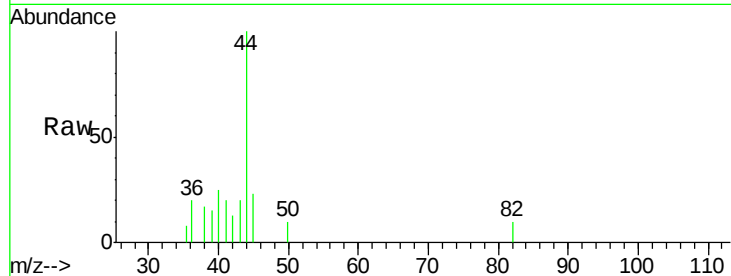


#22

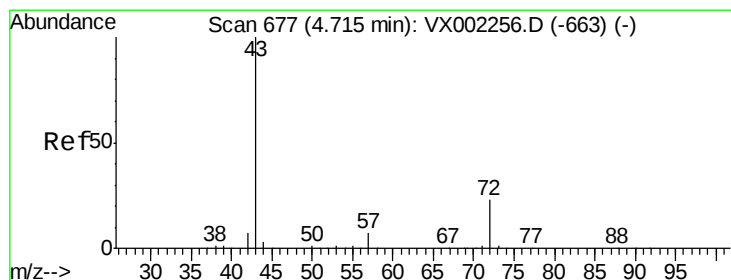
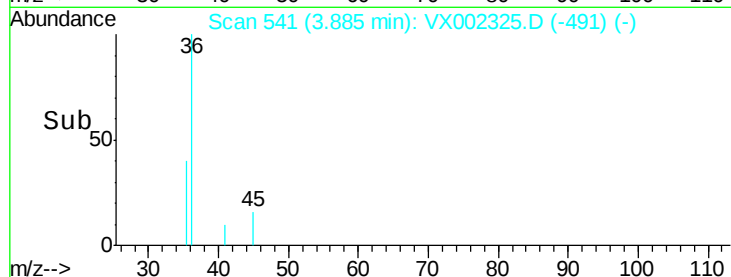
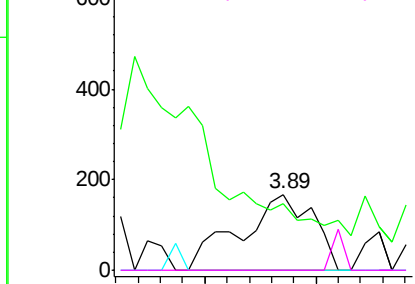
Diisopropyl ether
 Concen: Below Cal
 RT: 3.89 min Scan# 541
 Delta R.T. 0.01 min
 Lab File: VX002325.D
 Acq: 06 Jun 2018 00:50

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:	45	Resp:	379
Ion	Ratio	Lower	Upper
45	100		
43	21.6	46.8	70.2#
87	0.0	20.2	30.4#
59	0.0	8.7	13.1#



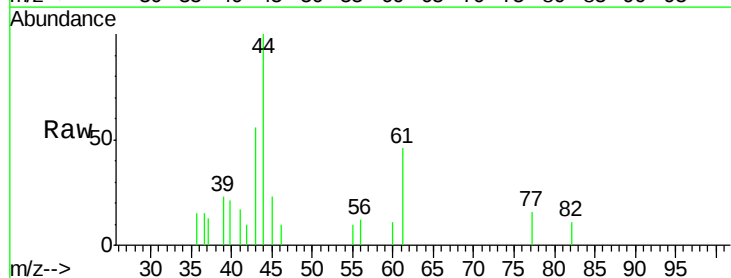
Abundance Ion 45.00 (44.70 to 45.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0
 Ion 59.00 (58.70 to 59.70): VX0



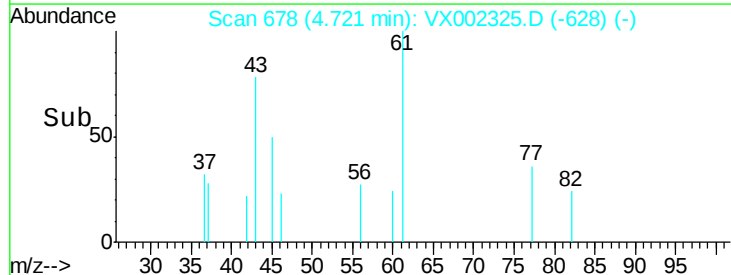
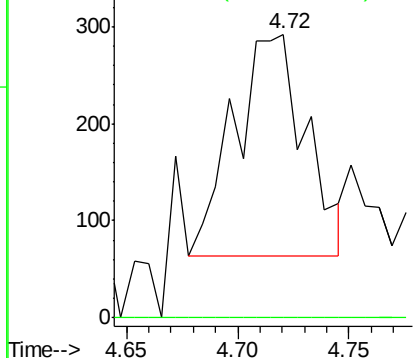
#25

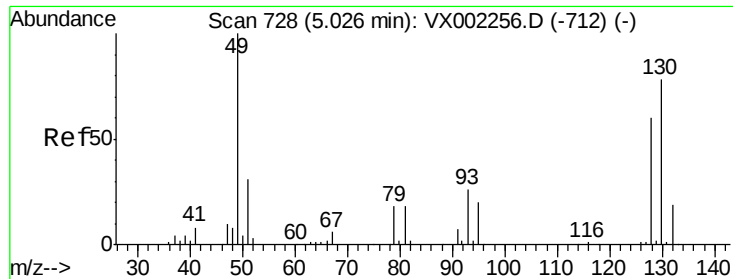
2-Butanone
 Concen: 0.22 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. 0.01 min
 Lab File: VX002325.D
 Acq: 06 Jun 2018 00:50

Tgt Ion:	43	Resp:	513
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.5	27.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 72.00 (71.70 to 72.70): VX0





#28

Bromochloromethane

Concen: Below Cal

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002325.D

Acq: 06 Jun 2018 00:50

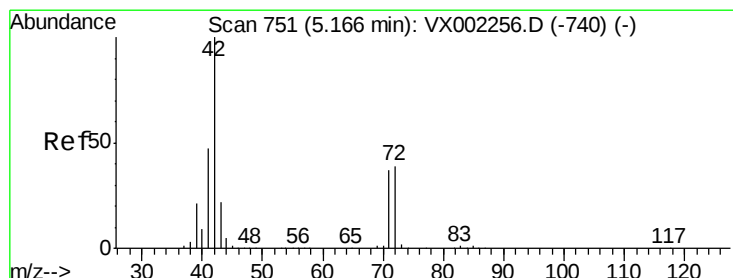
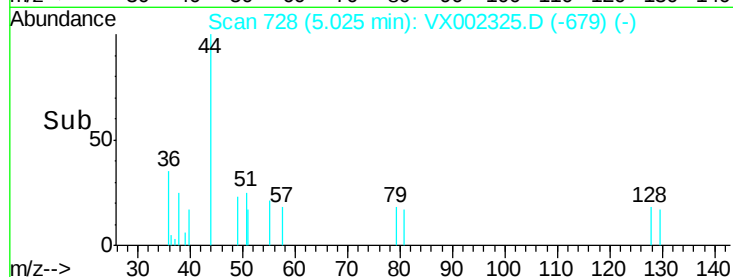
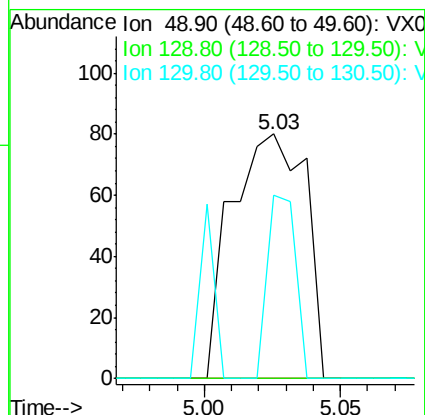
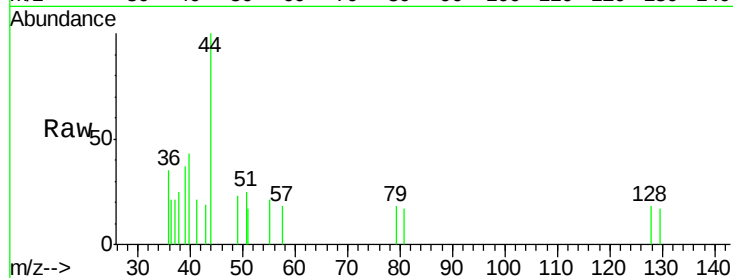
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 49 Resp: 151

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	28.5	61.2	91.8#



#29

Tetrahydrofuran

Concen: 0.71 ug/l

RT: 5.18 min Scan# 753

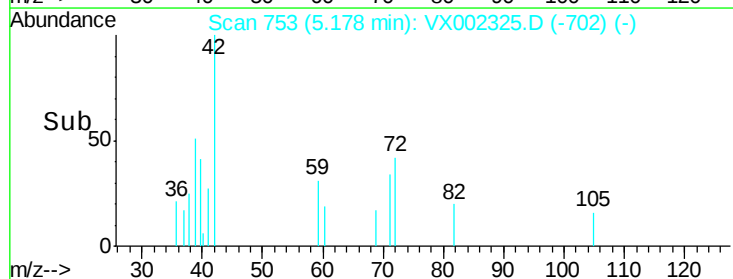
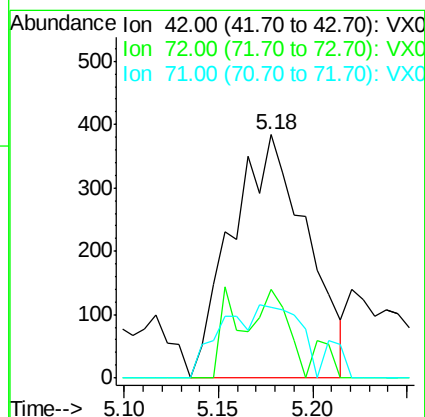
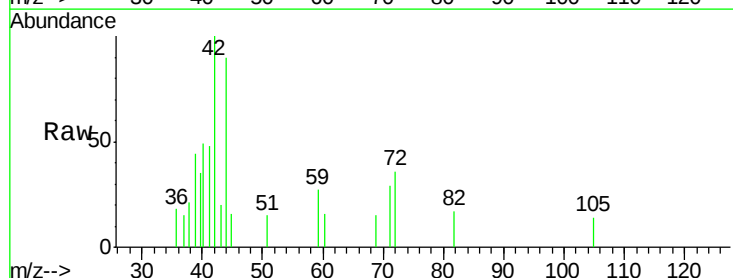
Delta R.T. 0.01 min

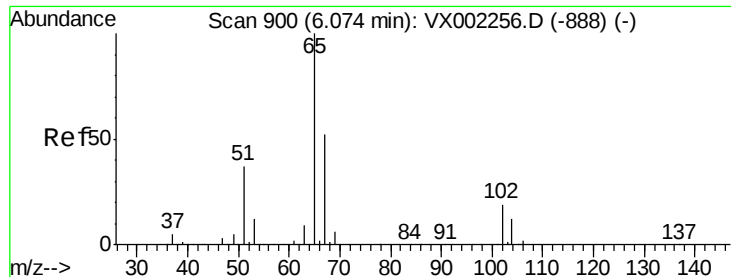
Lab File: VX002325.D

Acq: 06 Jun 2018 00:50

Tgt Ion: 42 Resp: 1062

Ion	Ratio	Lower	Upper
42	100		
72	13.9	32.0	48.0#
71	30.8	30.1	45.1

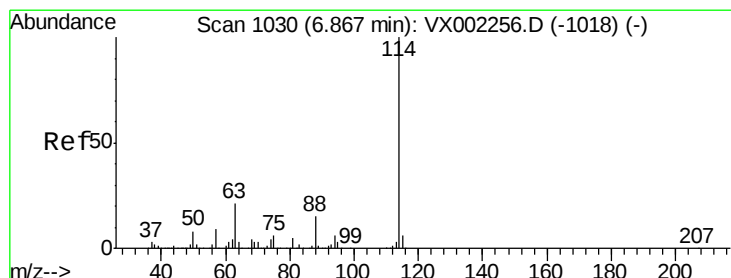
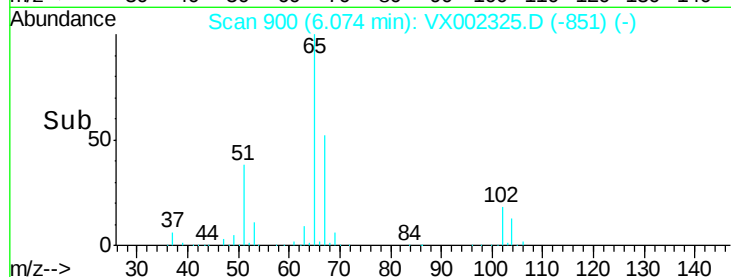
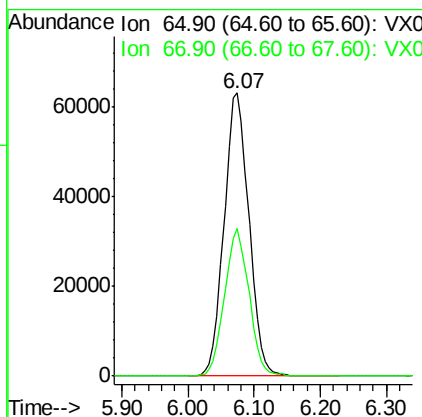
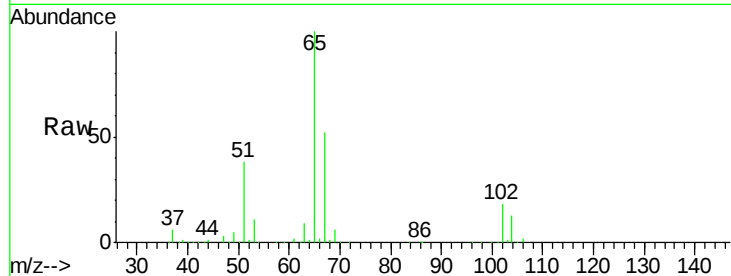




#33
 1,2-Dichloroethane-d4
 Concen: 48.69 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002325.D
 Acq: 06 Jun 2018 00:50

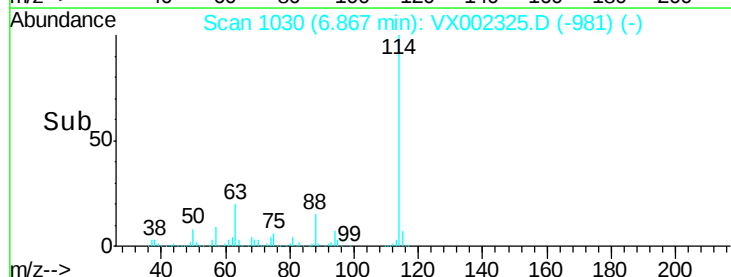
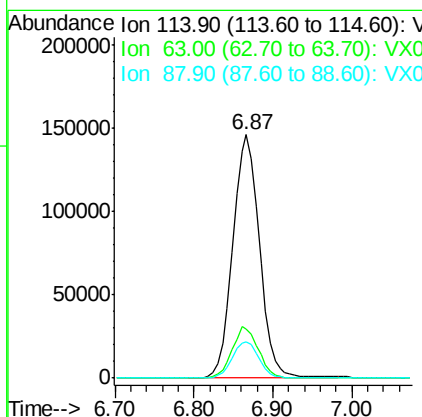
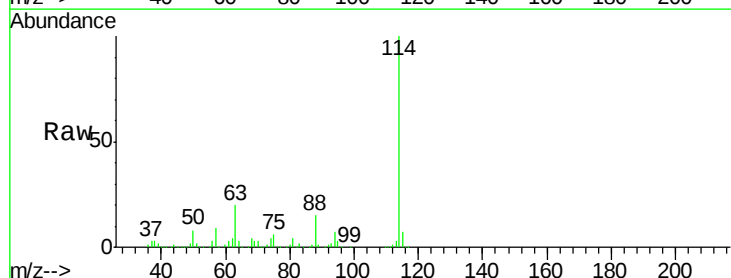
Instrument :
 MSVOA_X
 ClientSampleId :

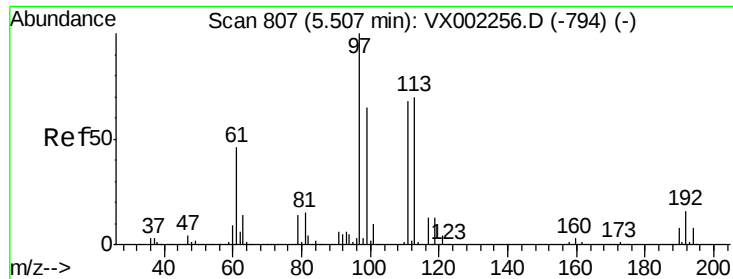
Tot Ion: 65 Resp: 164767
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002325.D
 Acq: 06 Jun 2018 00:50

Tgt Ion: 114 Resp: 344740
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.4
 88 15.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 44.44 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002325.D

Acq: 06 Jun 2018 00:50

Instrument :

MSVOA_X

ClientSampled :

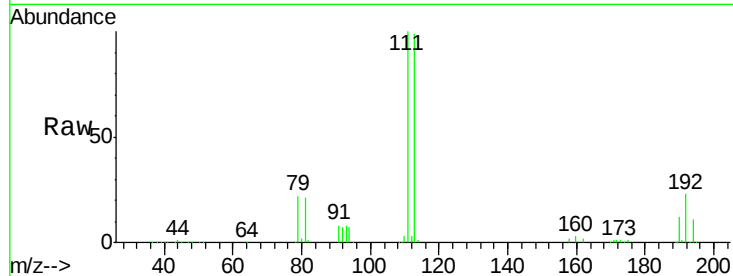
Tot Ion:113 Resp: 120478

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

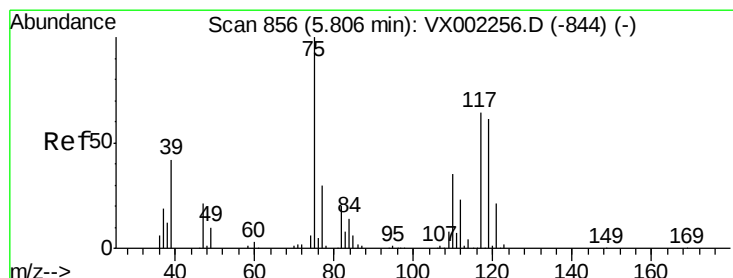
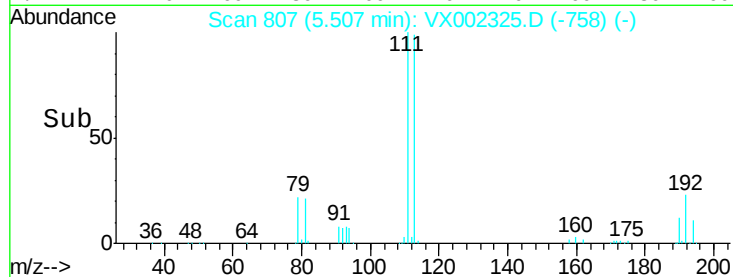
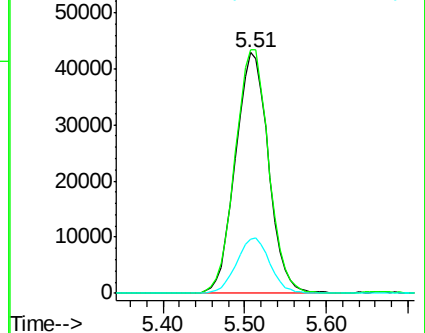
192 23.2 19.1 28.7



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: 4.67 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.15 min

Lab File: VX002325.D

Acq: 06 Jun 2018 00:50

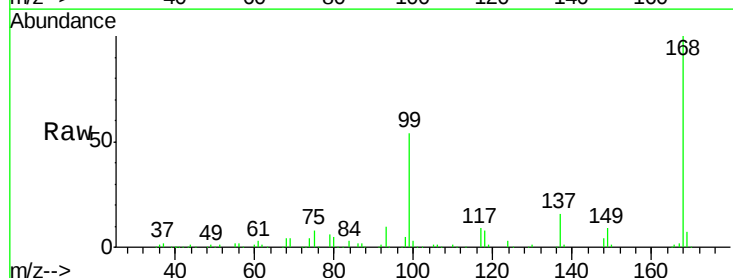
Tgt Ion: 75 Resp: 16923

Ion Ratio Lower Upper

75 100

110 9.9 18.1 54.4#

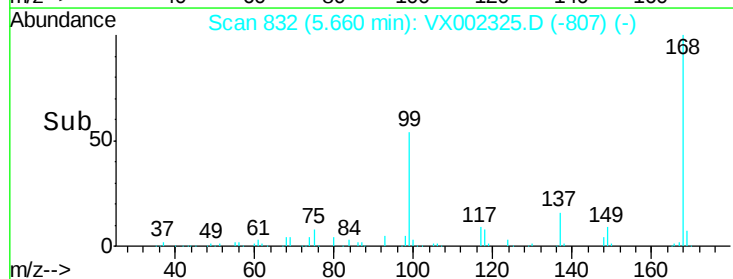
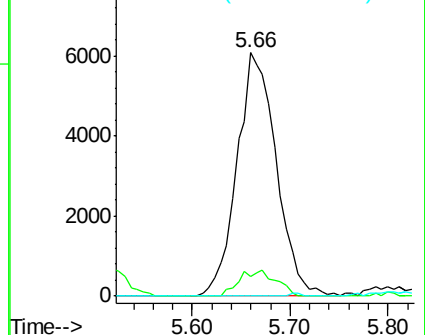
77 0.0 24.3 36.5#

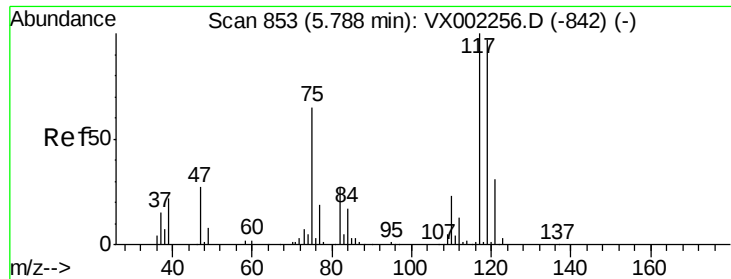


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.95 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX002325.D

Acq: 06 Jun 2018 00:50

Instrument :

MSVOA_X

ClientSampled :

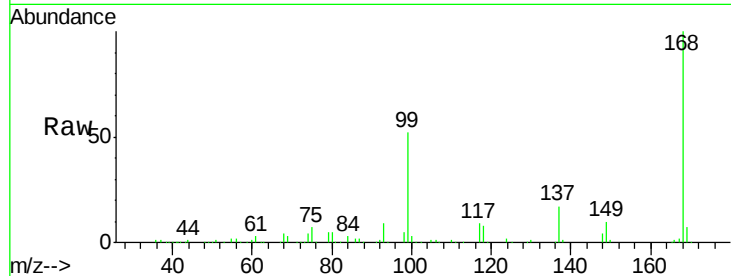
Tot Ion:117 Resp: 22550

Ion Ratio Lower Upper

117 100

119 4.6 77.4 116.0#

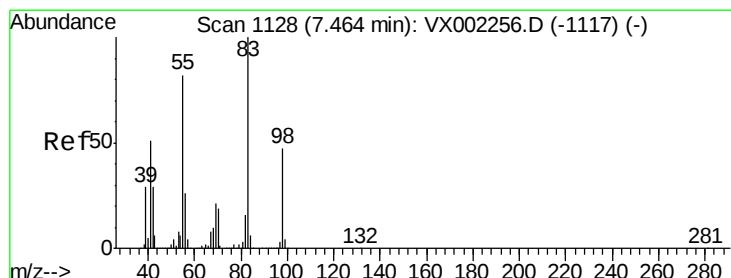
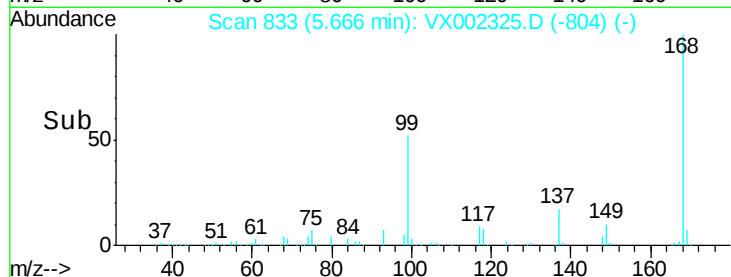
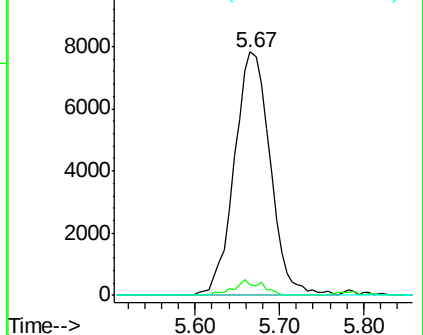
121 0.0 24.4 36.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.32 ug/l

RT: 7.45 min Scan# 1125

Delta R.T. -0.02 min

Lab File: VX002325.D

Acq: 06 Jun 2018 00:50

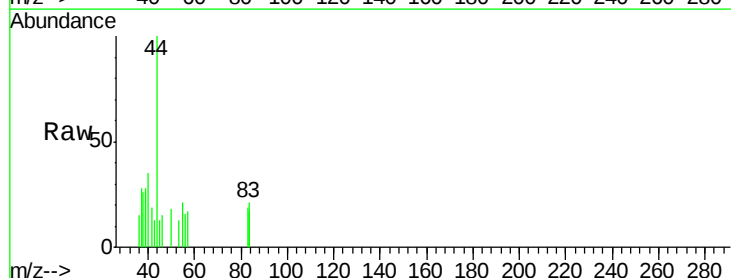
Tgt Ion: 83 Resp: 255

Ion Ratio Lower Upper

83 100

55 0.0 65.4 98.0#

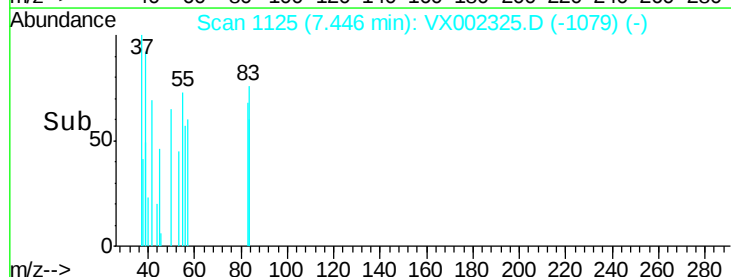
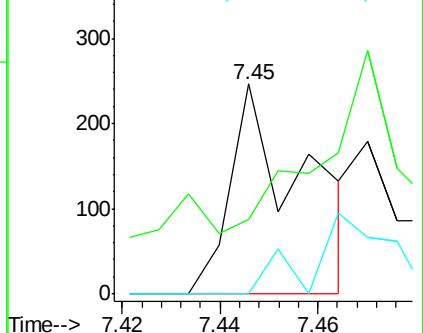
98 0.0 37.4 56.0#

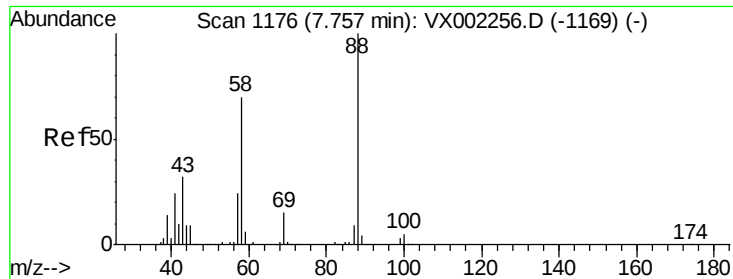


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

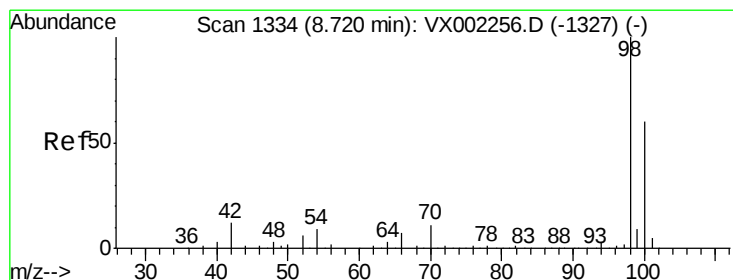
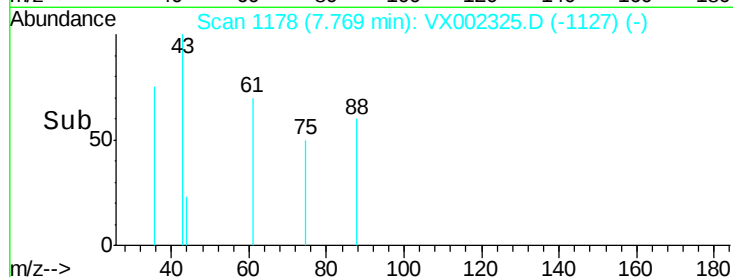
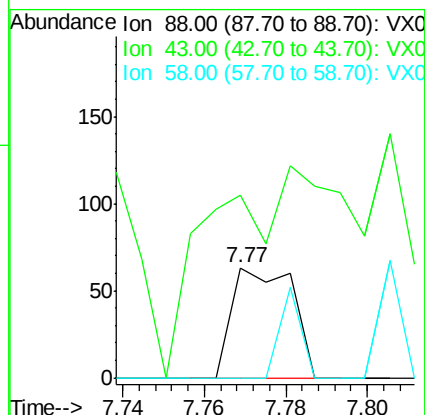
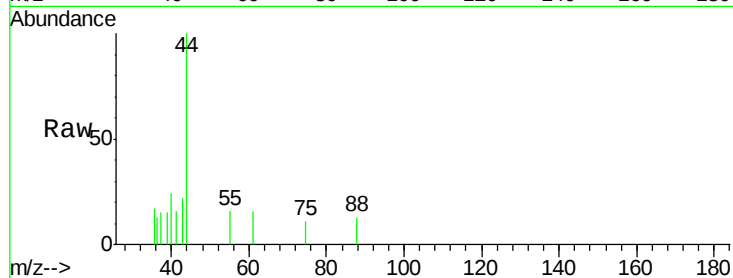




#49
1,4-Dioxane
Concen: 0.93 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX002325.D
Acq: 06 Jun 2018 00:50

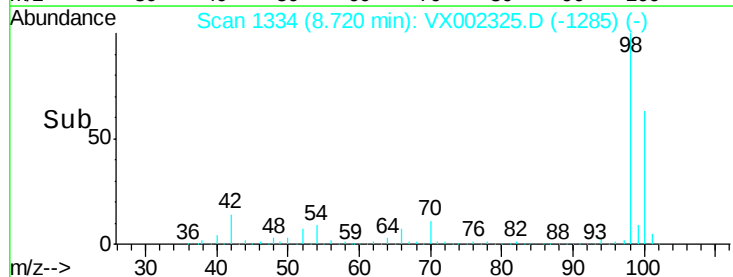
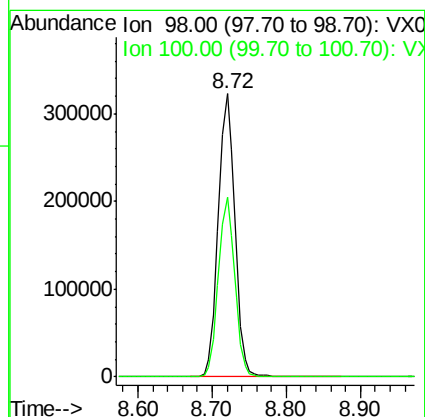
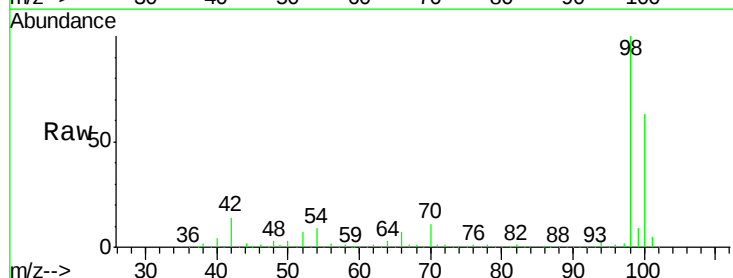
Instrument :
MSVOA_X
ClientSampled :

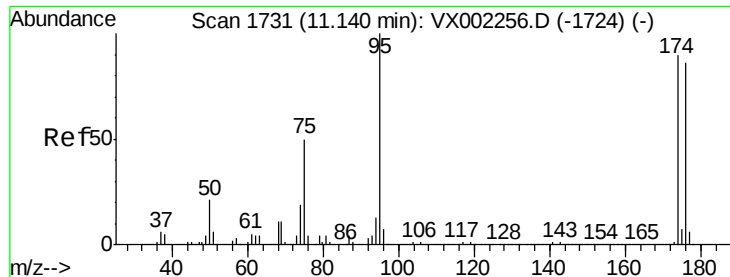
Tot Ion: 88 Resp: 65
Ion Ratio Lower Upper
88 100
43 440.0 29.8 44.6#
58 29.2 57.1 85.7#



#50
Toluene-d8
Concen: 47.94 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002325.D
Acq: 06 Jun 2018 00:50

Tgt Ion: 98 Resp: 498209
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 44.21 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002325.D

Acq: 06 Jun 2018 00:50

Instrument :

MSVOA_X

ClientSampleId :

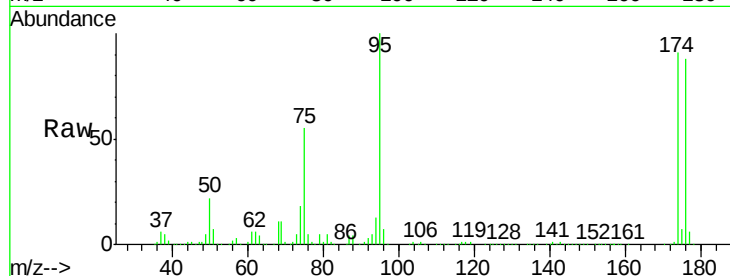
Tot Ion: 95 Resp: 177157

Ion Ratio Lower Upper

95 100

174 94.0 0.0 187.4

176 91.8 0.0 181.0



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

Ion 173.80 (173.50 to 174.50): VX002256.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002256.D (-1724) (-)

11.14

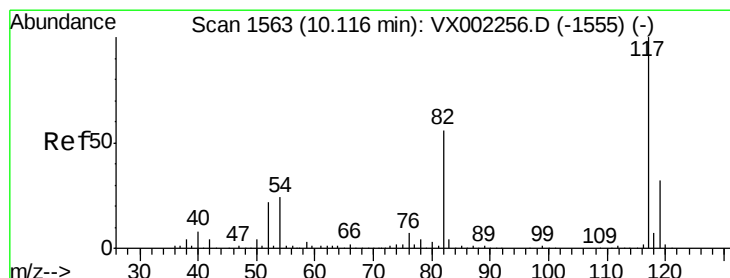
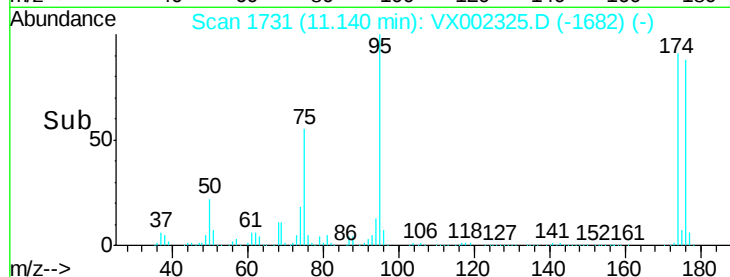
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002325.D

Acq: 06 Jun 2018 00:50

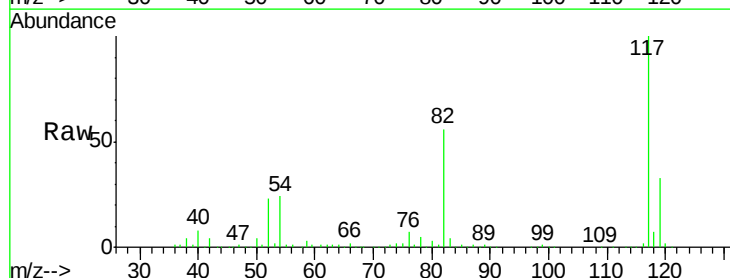
Tgt Ion: 117 Resp: 320549

Ion Ratio Lower Upper

117 100

82 55.9 45.0 67.4

119 32.6 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VX002256.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX002256.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX002256.D (-1555) (-)

10.12

300000

250000

200000

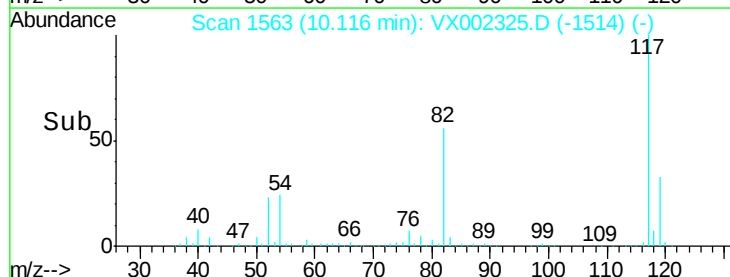
150000

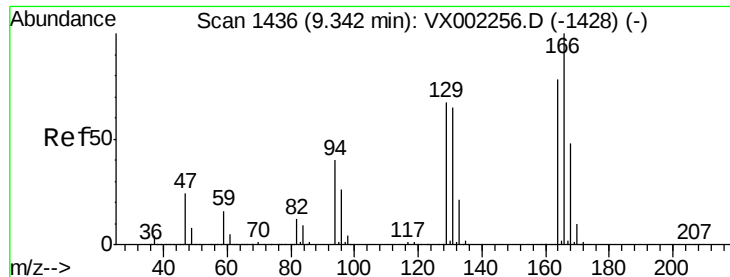
100000

50000

0

Time-->

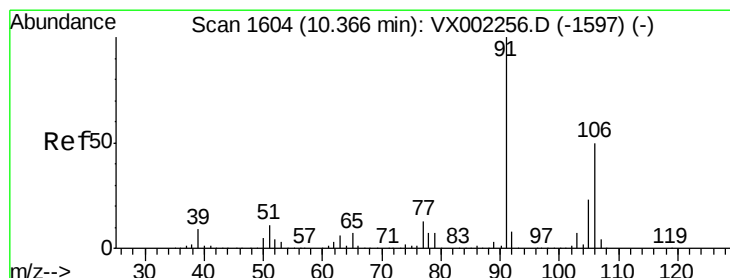
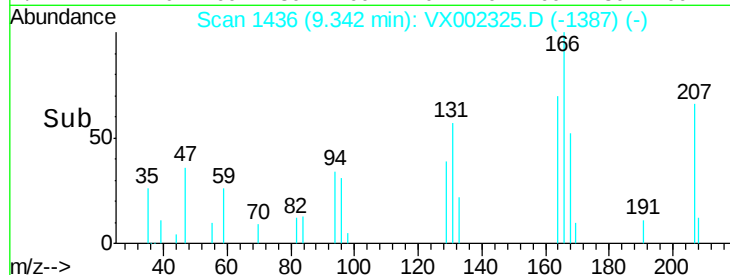
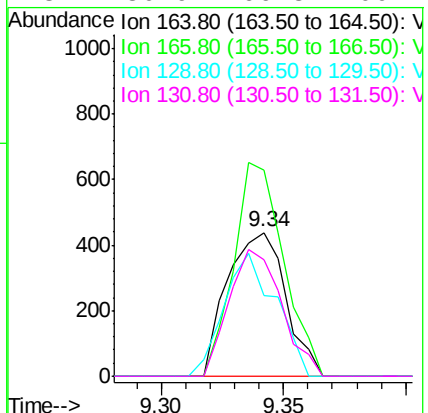
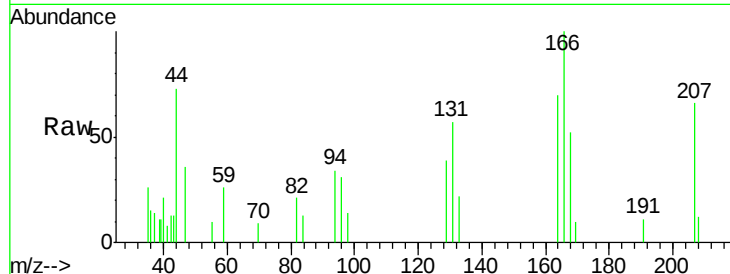




#64
 Tetrachloroethene
 Concen: 0.22 ug/l
 RT: 9.34 min Scan# 1436
 Delta R.T. -0.00 min
 Lab File: VX002325.D
 Acq: 06 Jun 2018 00:50

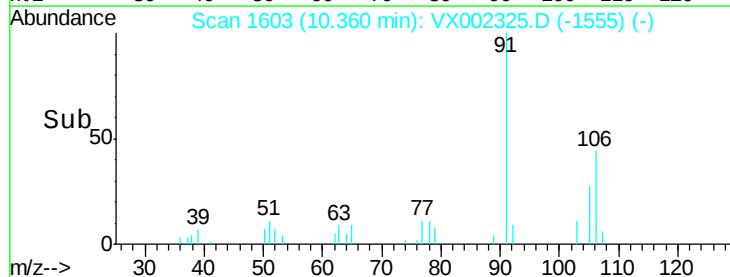
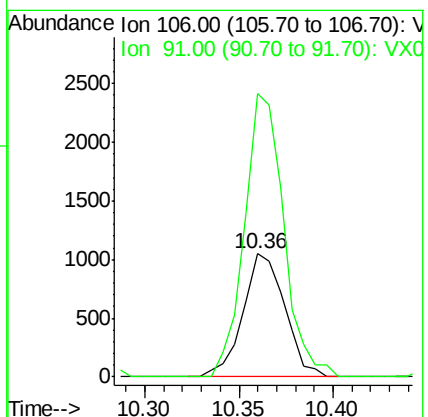
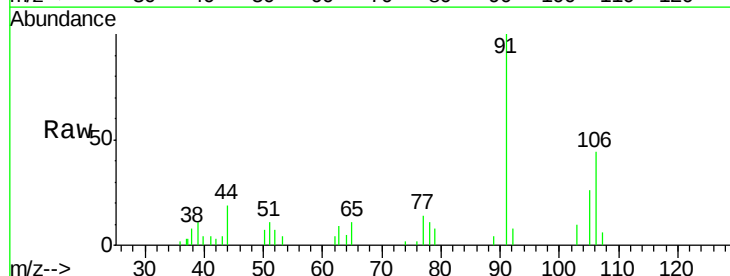
Instrument :
 MSVOA_X
 ClientSampled :

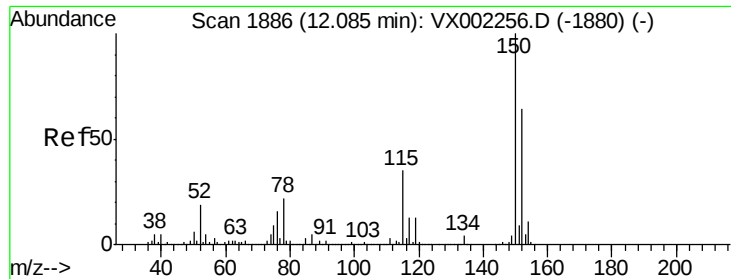
Tot Ion:	164	Resp:	725
Ion	Ratio	Lower	Upper
164	100		
166	143.1	102.9	154.3
129	56.3	68.6	102.8#
131	80.9	66.8	100.2



#68
 m/p-Xylenes
 Concen: 0.31 ug/l
 RT: 10.36 min Scan# 1603
 Delta R.T. -0.01 min
 Lab File: VX002325.D
 Acq: 06 Jun 2018 00:50

Tgt Ion:	106	Resp:	1617
Ion	Ratio	Lower	Upper
106	100		
91	216.2	163.4	245.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002325.D

Acq: 06 Jun 2018 00:50

Instrument :

MSVOA_X

ClientSampled :

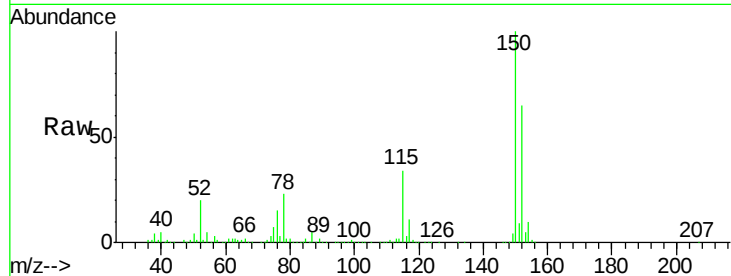
Tot Ion:152 Resp: 188481

Ion Ratio Lower Upper

152 100

115 55.6 40.1 120.2

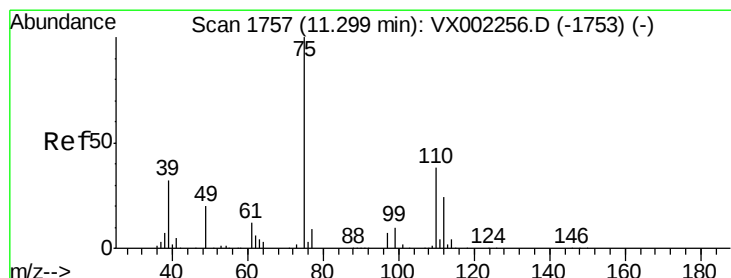
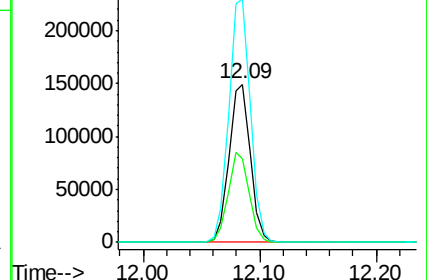
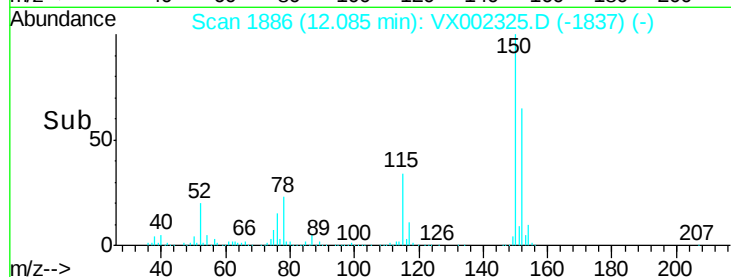
150 155.0 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 22.92 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002325.D

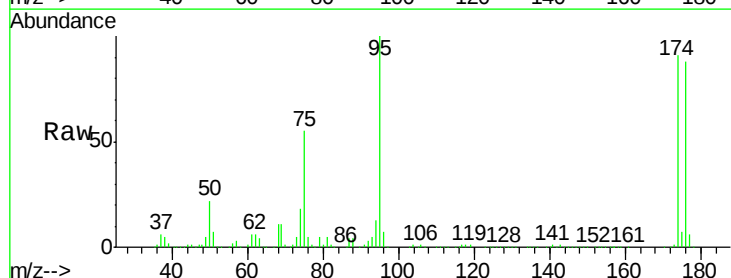
Acq: 06 Jun 2018 00:50

Tgt Ion: 75 Resp: 94779

Ion Ratio Lower Upper

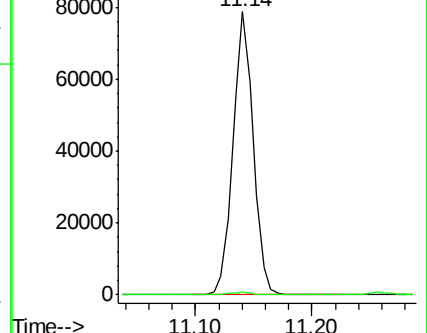
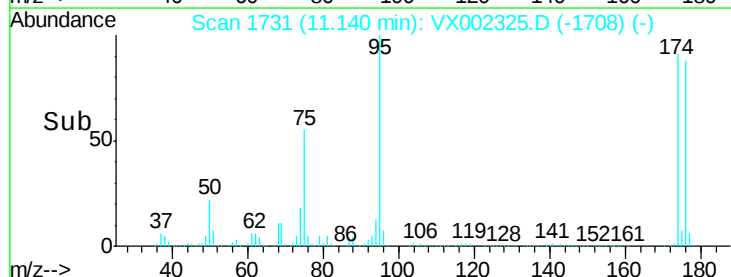
75 100

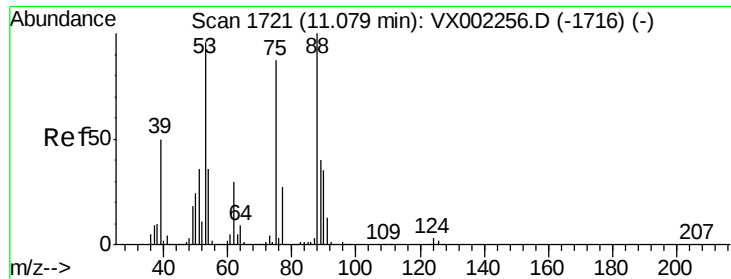
77 1.1 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 80.33 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002325.D

Acq: 06 Jun 2018 00:50

Instrument :

MSVOA_X

ClientSampleId :

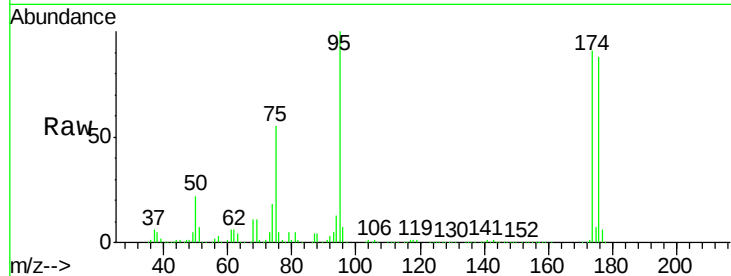
Tot Ion: 75 Resp: 94779

Ion Ratio Lower Upper

75 100

53 0.1 86.8 130.2#

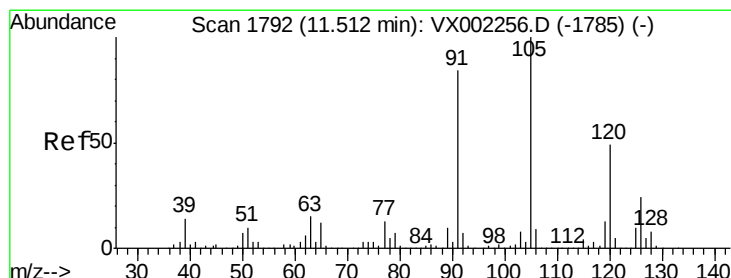
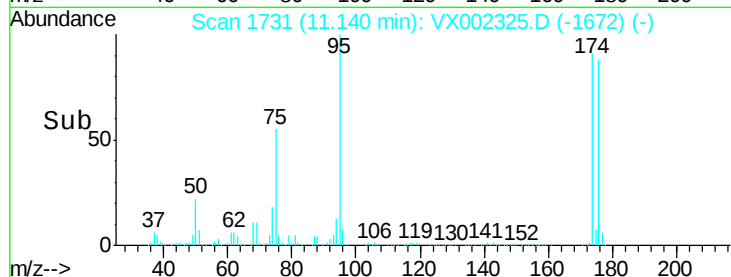
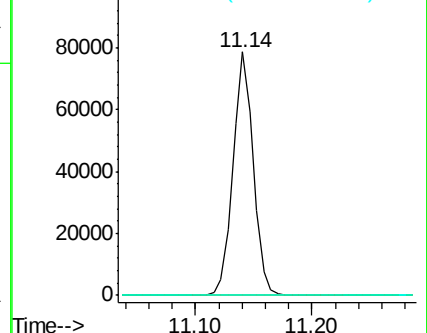
89 0.1 38.2 57.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.24 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.01 min

Lab File: VX002325.D

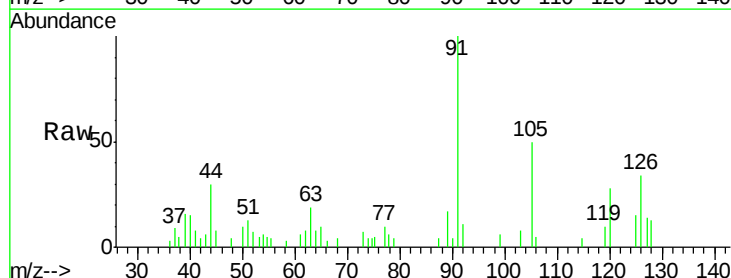
Acq: 06 Jun 2018 00:50

Tgt Ion: 91 Resp: 2578

Ion Ratio Lower Upper

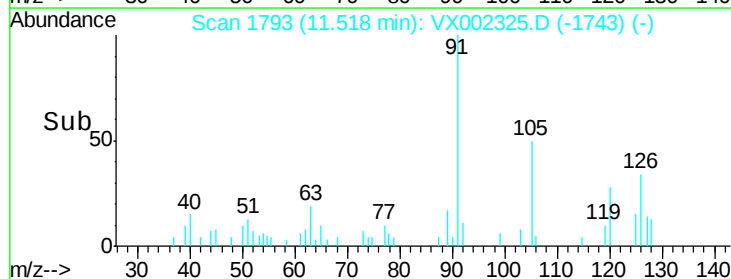
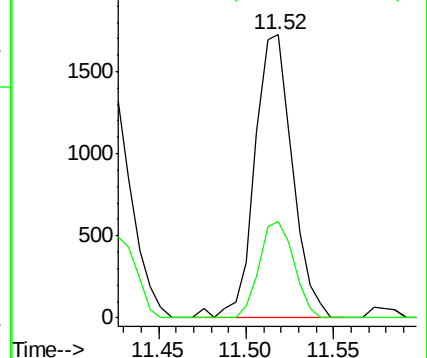
91 100

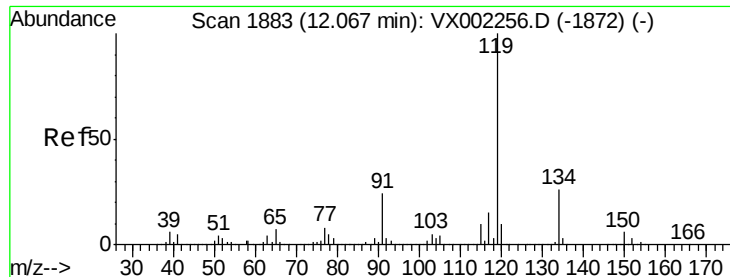
126 31.1 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#86

p-Isopropyltoluene

Concen: 0.21 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002325.D

Acq: 06 Jun 2018 00:50

Instrument :

MSVOA_X

ClientSampled :

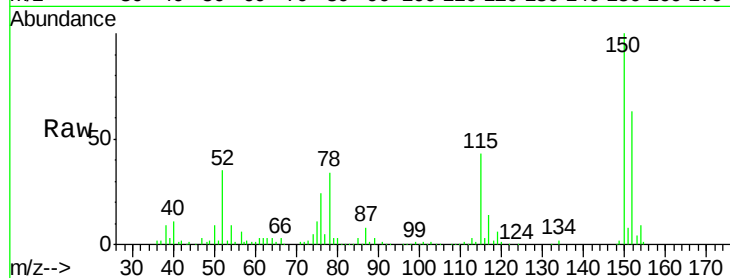
Tot Ion:119 Resp: 2415

Ion Ratio Lower Upper

119 100

134 38.2 13.4 40.1

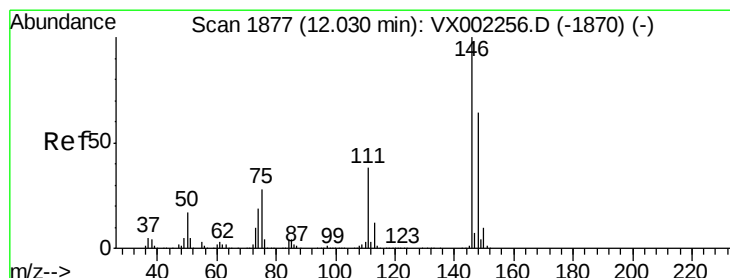
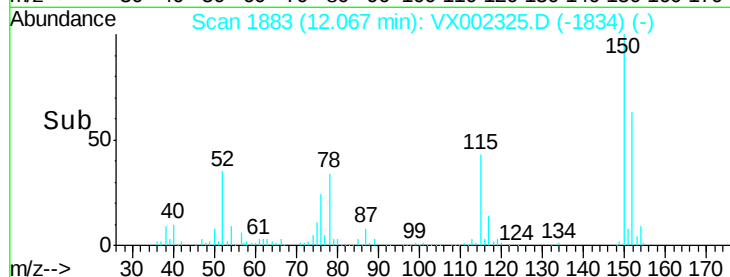
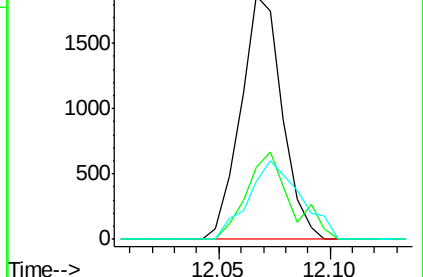
91 40.4 11.9 35.7#



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



#87

1,3-Dichlorobenzene

Concen: 0.31 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX002325.D

Acq: 06 Jun 2018 00:50

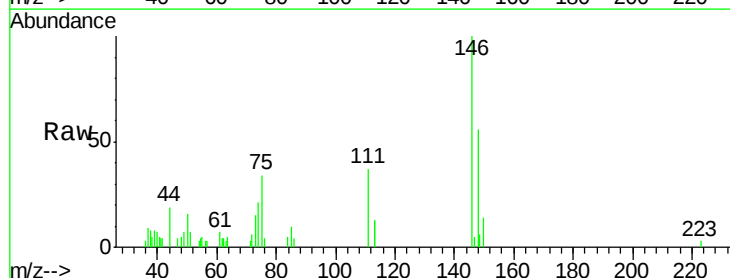
Tgt Ion:146 Resp: 2016

Ion Ratio Lower Upper

146 100

111 43.7 18.9 56.7

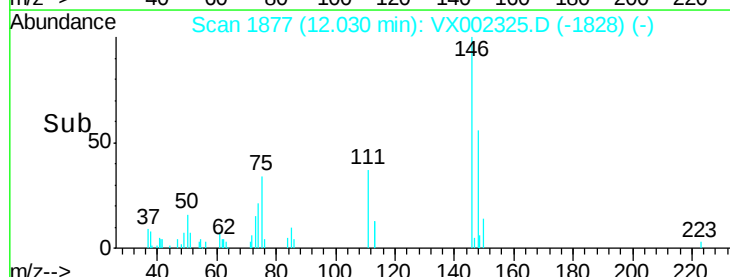
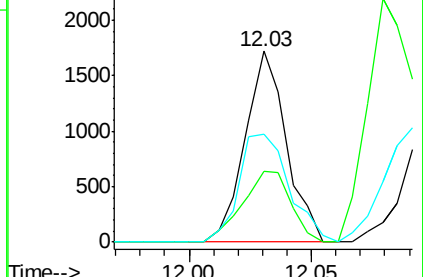
148 68.9 32.1 96.3

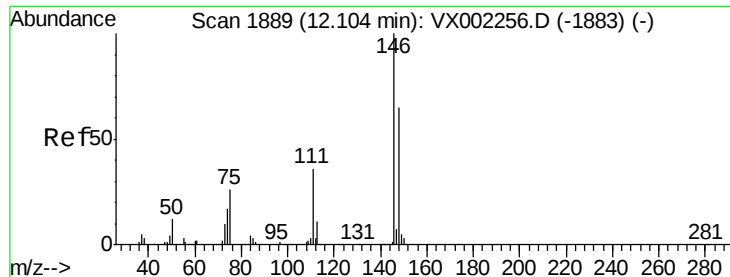


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 0.30 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.07 min

Lab File: VX002325.D

Acq: 06 Jun 2018 00:50

Instrument :

MSVOA_X

ClientSampleId :

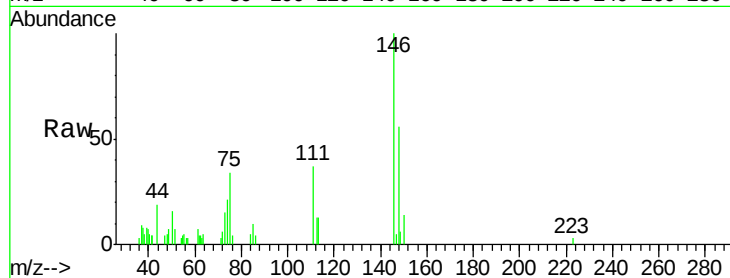
Tot Ion:146 Resp: 2016

Ion Ratio Lower Upper

146 100

111 43.7 18.7 56.1

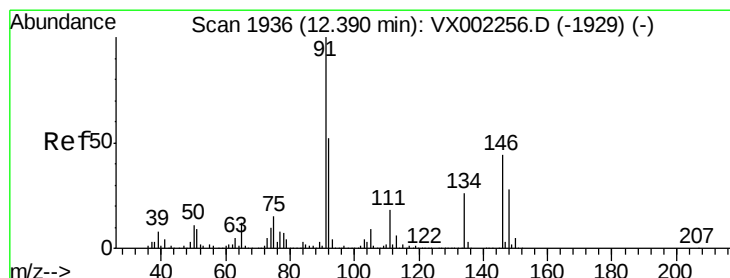
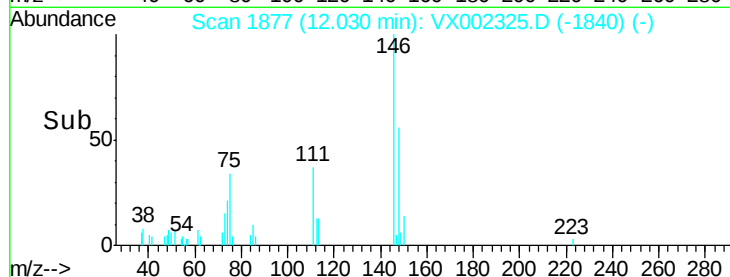
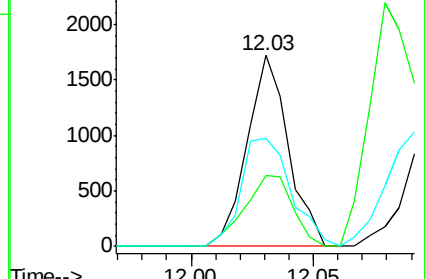
148 68.9 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.24 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002325.D

Acq: 06 Jun 2018 00:50

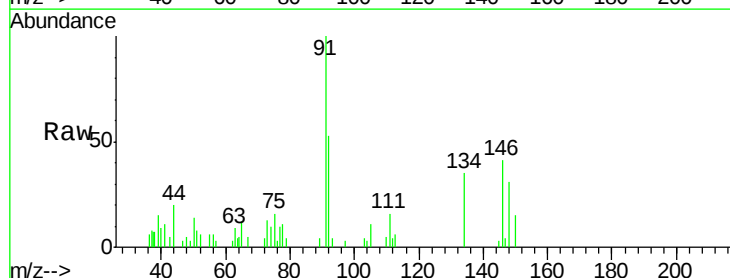
Tgt Ion: 91 Resp: 2387

Ion Ratio Lower Upper

91 100

92 51.3 26.0 78.0

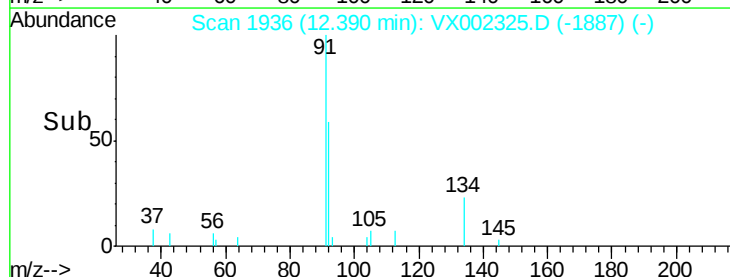
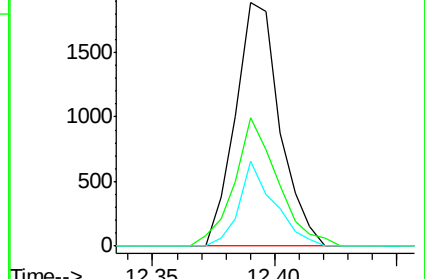
134 27.2 13.5 40.5

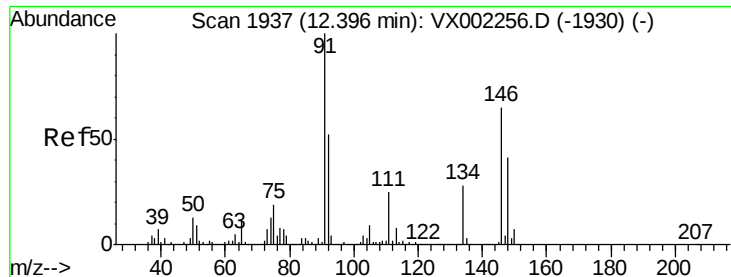


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#91

1,2-Dichlorobenzene

Concen: 0.24 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002325.D

Acq: 06 Jun 2018 00:50

Instrument :

MSVOA_X

ClientSampleId :

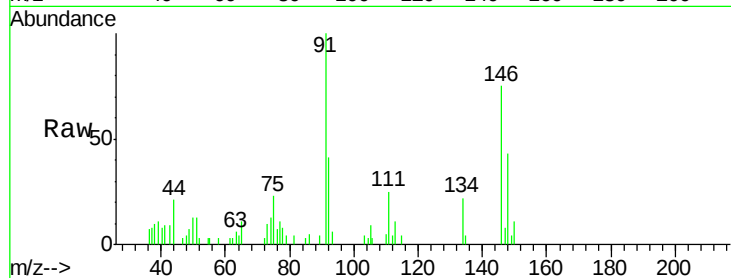
Tot Ion:146 Resp: 1634

Ion Ratio Lower Upper

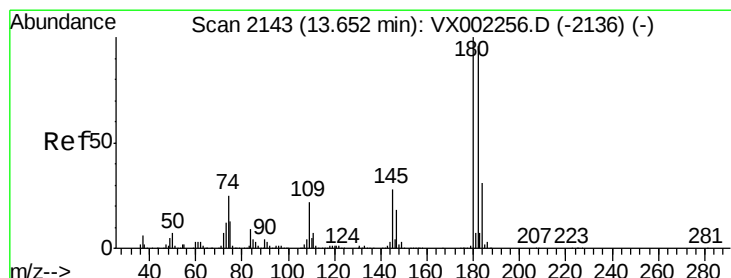
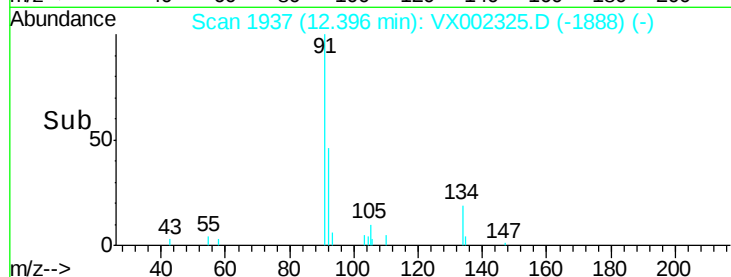
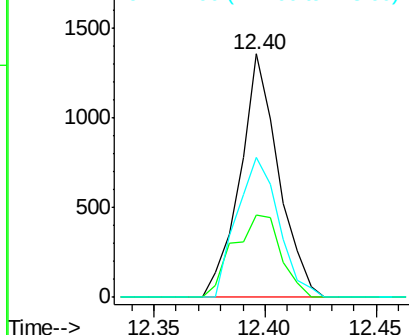
146 100

111 41.6 19.4 58.1

148 63.0 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#93

1,2,4-Trichlorobenzene

Concen: 0.49 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX002325.D

Acq: 06 Jun 2018 00:50

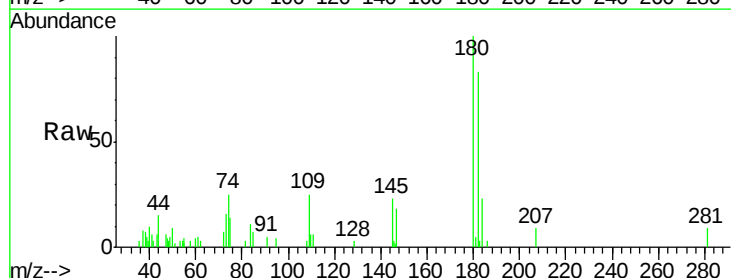
Tgt Ion:180 Resp: 2361

Ion Ratio Lower Upper

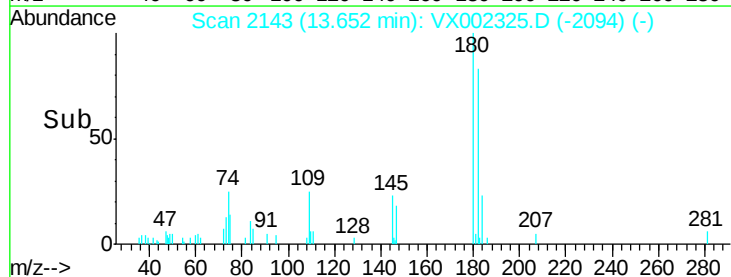
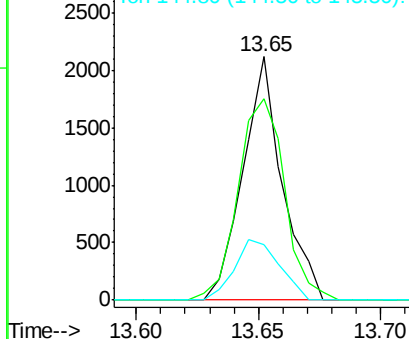
180 100

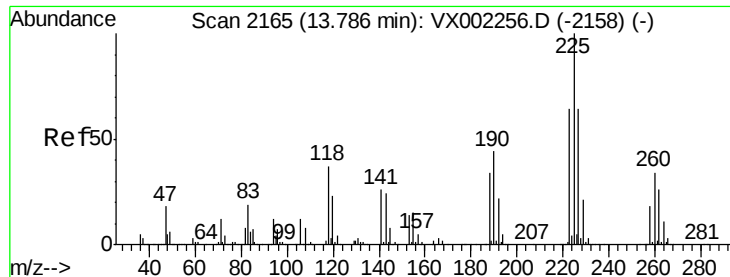
182 97.9 47.7 143.1

145 28.3 14.1 42.4



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





#94

Hexachlorobutadiene

Concen: 0.21 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX002325.D

Acq: 06 Jun 2018 00:50

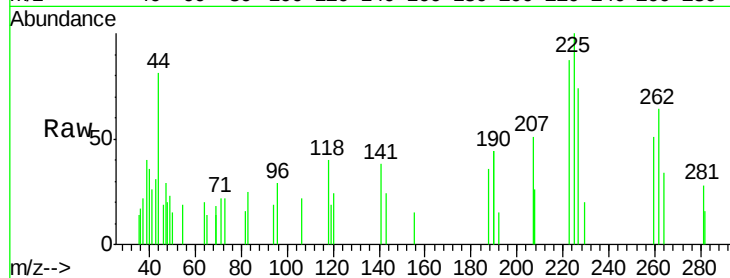
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:225 Resp: 487

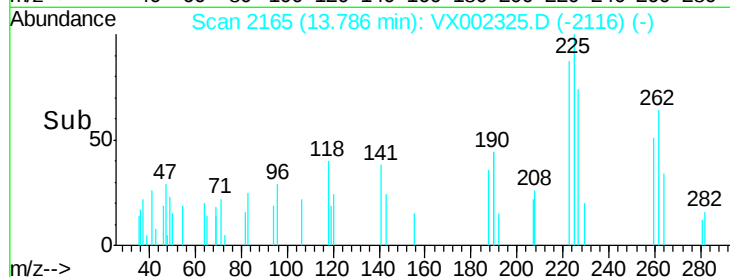
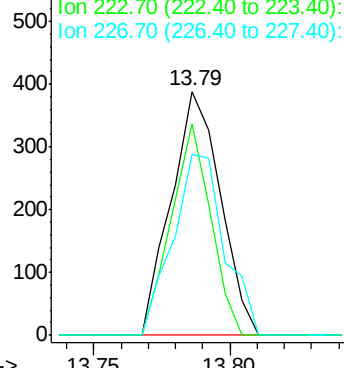
Ion	Ratio	Lower	Upper
225	100		
223	69.4	31.6	95.0
227	77.2	32.4	97.2



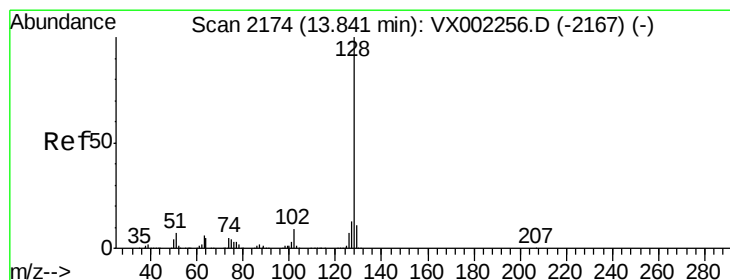
Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



Time-->



#95

Naphthalene

Concen: 0.26 ug/l

RT: 13.84 min Scan# 2174

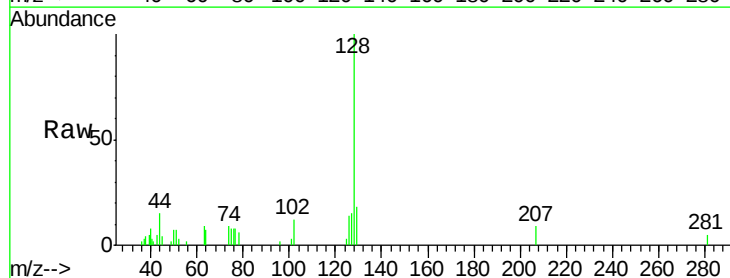
Delta R.T. 0.00 min

Lab File: VX002325.D

Acq: 06 Jun 2018 00:50

Tgt Ion:128 Resp: 3529

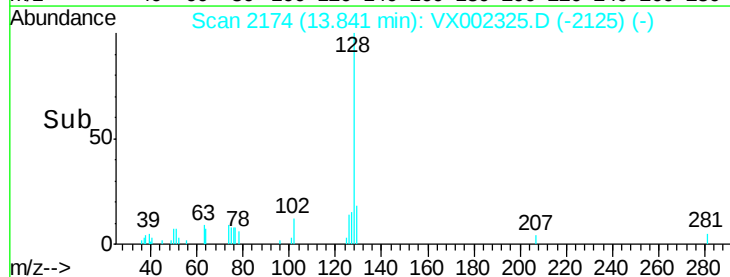
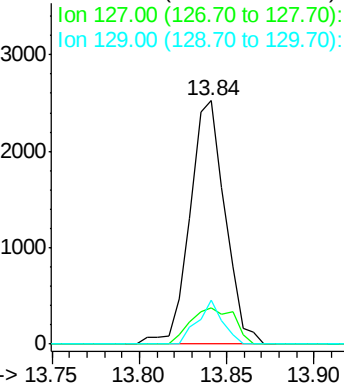
Ion	Ratio	Lower	Upper
128	100		
127	18.5	10.4	15.6#
129	12.8	8.6	13.0



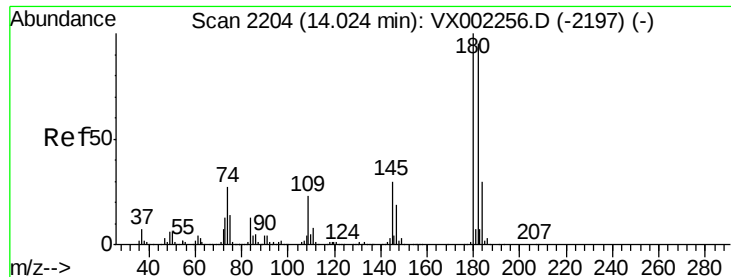
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96
 1,2,3-Trichlorobenzene
 Concen: 0.40 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX002325.D
 Acq: 06 Jun 2018 00:50

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.6	48.0	144.0
145	31.7	14.8	44.3

