

Data Path : Y:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
 Data File : VX002283.D
 Acq On : 05 Jun 2018 02:19
 Operator : JC/MD
 Sample : J3269-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 07:22:37 2018
 Quant Method : Y:\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	252854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	366188	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	329929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	170833	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	178780	49.40	ug/l	0.00
Spiked Amount			Recovery	=	98.80%	
35) Dibromofluoromethane	5.51	113	129393	44.93	ug/l	0.00
Spiked Amount			Recovery	=	89.86%	
50) Toluene-d8	8.72	98	522404	47.33	ug/l	0.00
Spiked Amount			Recovery	=	94.66%	
62) 4-Bromofluorobenzene	11.14	95	174767	41.06	ug/l	0.00
Spiked Amount			Recovery	=	82.12%	

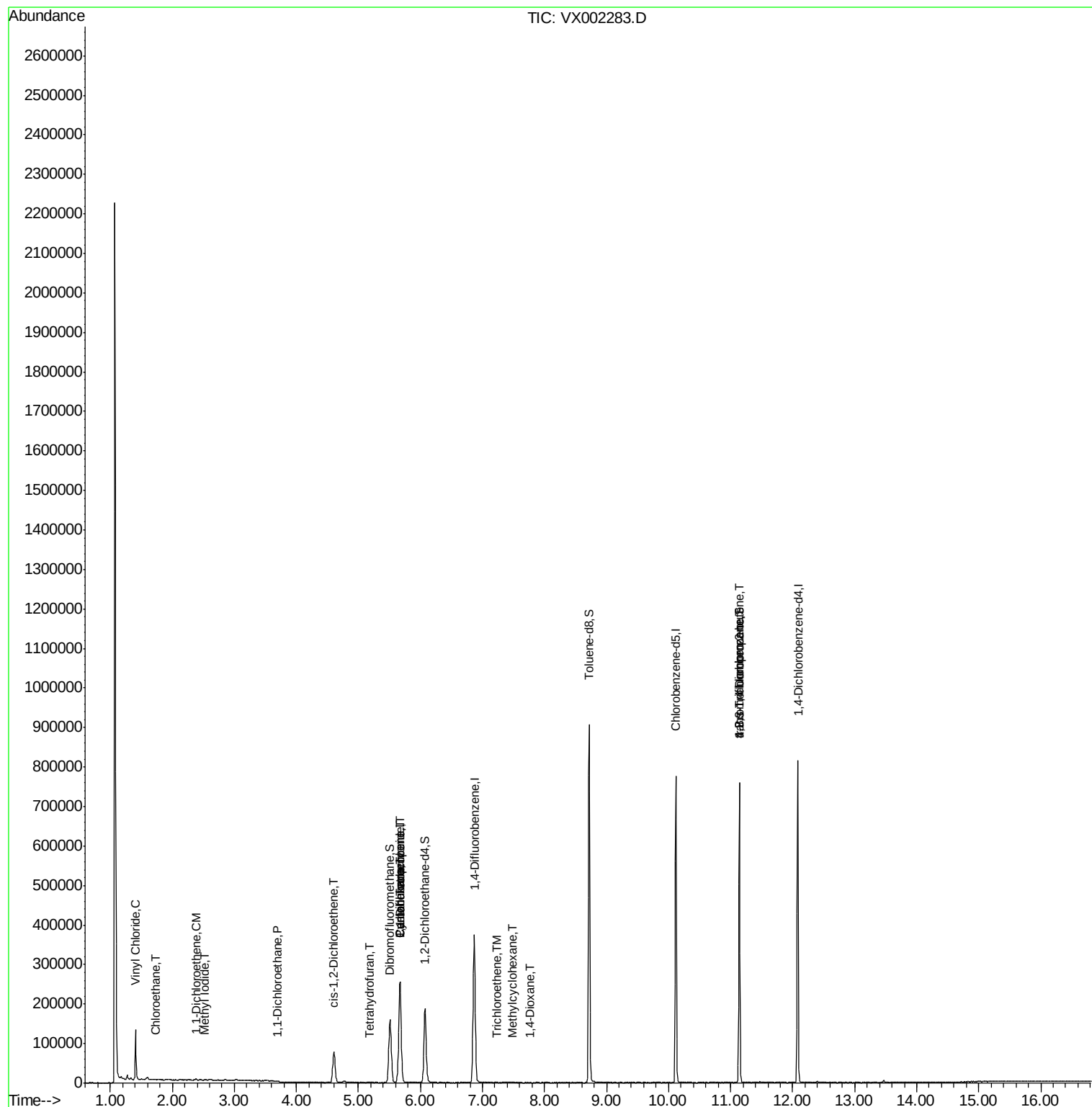
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	2327	Below Cal		100
4) Vinyl Chloride	1.41	62	84519	25.51	ug/l	100
5) Bromomethane	1.65	94	1319	Below Cal	#	75
6) Chloroethane	1.73	64	607	0.28	ug/l	# 57
8) Diethyl Ether	2.24	74	76	Below Cal		54
10) Methyl Iodide	2.53	142	1193	0.31	ug/l	# 86
11) Tert butyl alcohol	3.03	59	1958	Below Cal		96
12) 1,1-Dichloroethene	2.37	96	984	0.37	ug/l	# 60
13) Acrolein	2.31	56	391	Below Cal	#	14
15) Acrylonitrile	3.14	53	190	Below Cal	#	47
16) Acetone	2.45	43	1575	Below Cal		90
18) Methyl Acetate	2.77	43	278	Below Cal		93
19) Methyl tert-butyl Ether	3.21	73	409	Below Cal	#	83
20) Methylene Chloride	2.87	84	624	Below Cal	#	56
22) Diisopropyl ether	3.89	45	59	Below Cal	#	35
24) 1,1-Dichloroethane	3.70	63	1829	0.32	ug/l	# 89
27) cis-1,2-Dichloroethene	4.60	96	45976	14.24	ug/l	91
28) Bromochloromethane	4.96	49	19	Below Cal	#	13
29) Tetrahydrofuran	5.18	42	392	0.25	ug/l	99
31) Cyclohexane	5.67	56	5628	1.23	ug/l	# 18
36) 1,1-Dichloropropene	5.67	75	17953	4.66	ug/l	# 51
38) Carbon Tetrachloride	5.67	117	23696	5.88	ug/l	# 15
39) Methylcyclohexane	7.49	83	20	0.27	ug/l	# 16
44) Trichloroethene	7.23	130	743	0.23	ug/l	69
49) 1,4-Dioxane	7.77	88	130	1.76	ug/l	# 43
76) 1,2,3-Trichloropropane	11.14	75	95170	25.39	ug/l	# 33
81) trans-1,4-Dichloro-2-buten	11.14	75	95170	89.00	ug/l	# 6

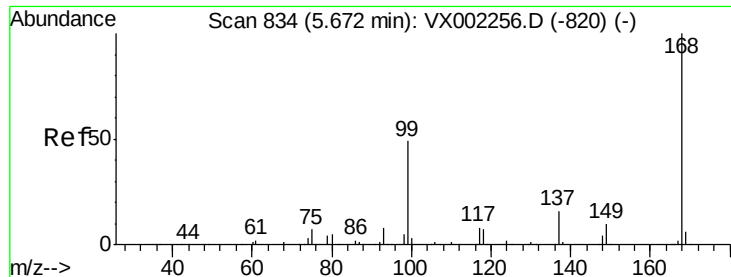
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Y:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060418\
Data File : VX002283.D
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 05 07:22:37 2018
Quant Method : Y:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002283.D

Acq: 05 Jun 2018 02:19

Instrument :

MSVOA_X

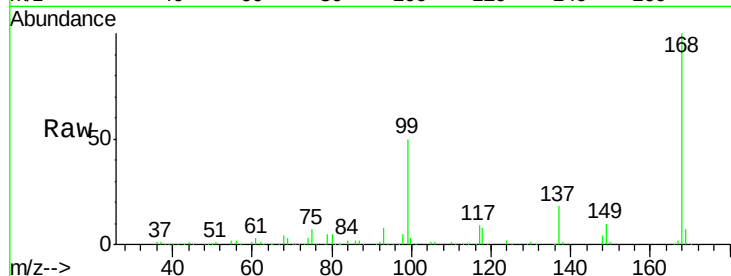
ClientSampleId :

Tot Ion:168 Resp: 252854

Ion Ratio Lower Upper

168 100

99 50.4 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

100000

80000

60000

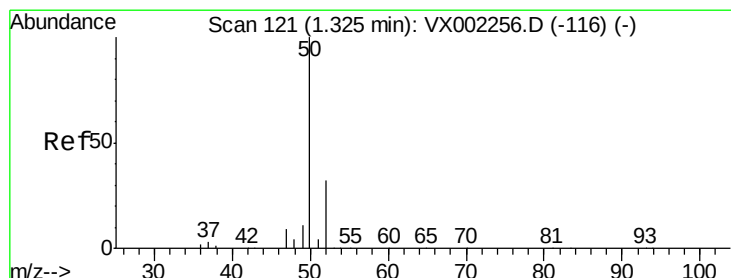
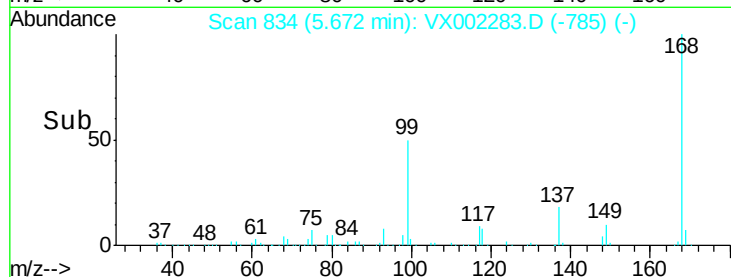
40000

20000

0

Time-->

5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX002283.D

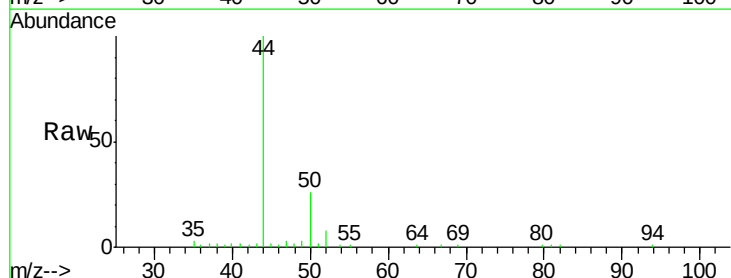
Acq: 05 Jun 2018 02:19

Tgt Ion: 50 Resp: 2327

Ion Ratio Lower Upper

50 100

52 32.0 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

2000

1500

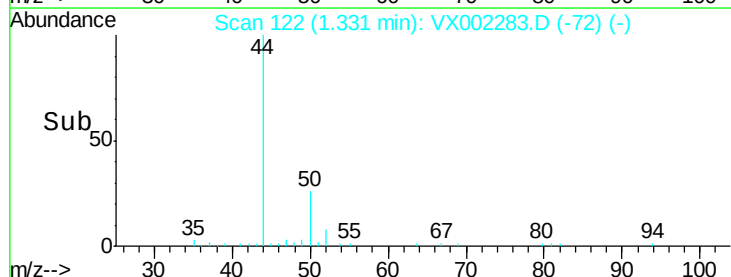
1000

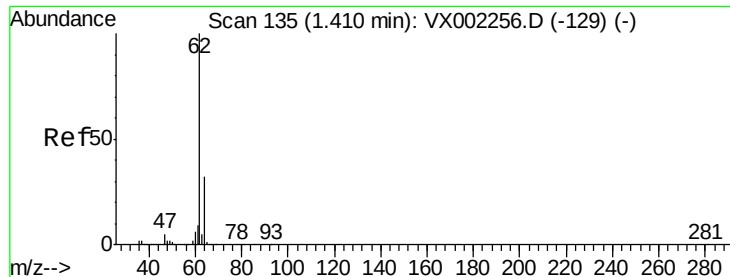
500

0

Time-->

1.30 1.35 1.40





#4

Vinyl Chloride

Concen: 25.51 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002283.D

Acq: 05 Jun 2018 02:19

Instrument :

MSVOA_X

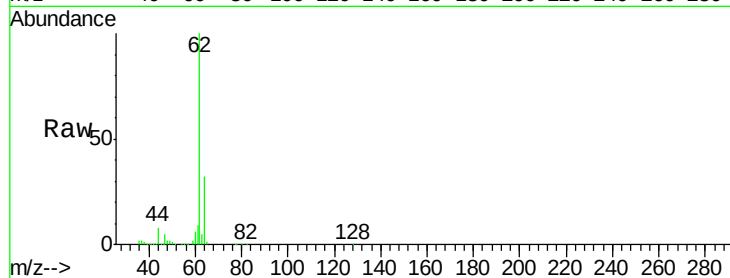
ClientSampleId :

Tot Ion: 62 Resp: 84519

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

80000

60000

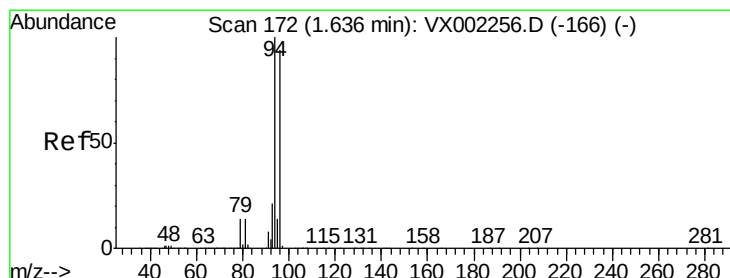
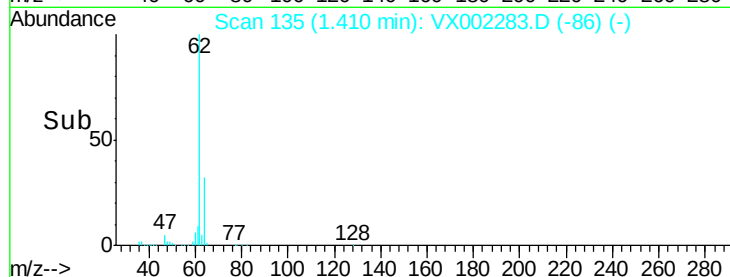
40000

20000

0

1.35 1.40 1.45 1.50

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX002283.D

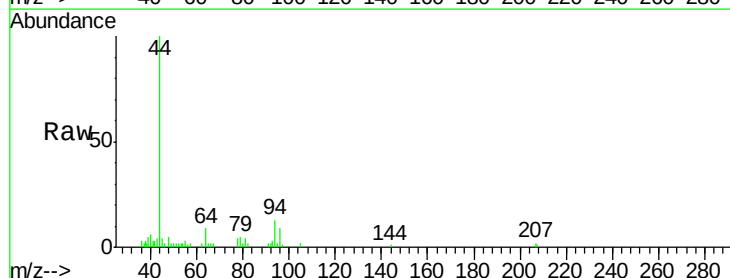
Acq: 05 Jun 2018 02:19

Tgt Ion: 94 Resp: 1319

Ion Ratio Lower Upper

94 100

96 69.1 74.9 112.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

600

500

400

300

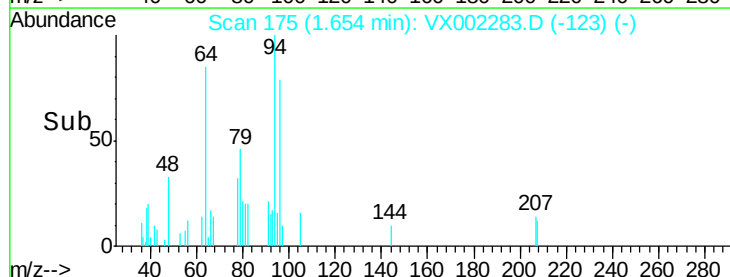
200

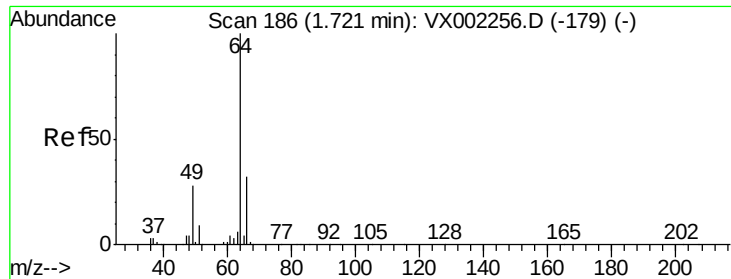
100

0

1.60 1.65 1.70

Time-->





#6

Chloroethane

Concen: 0.28 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX002283.D

Acq: 05 Jun 2018 02:19

Instrument :

MSVOA_X

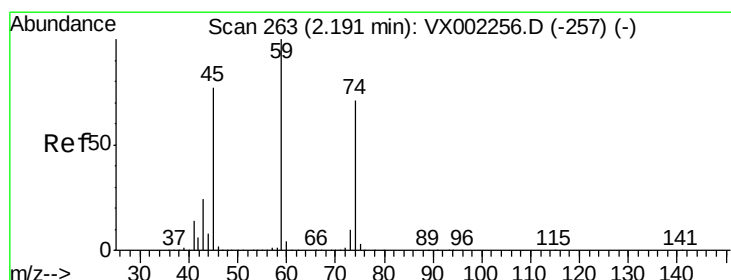
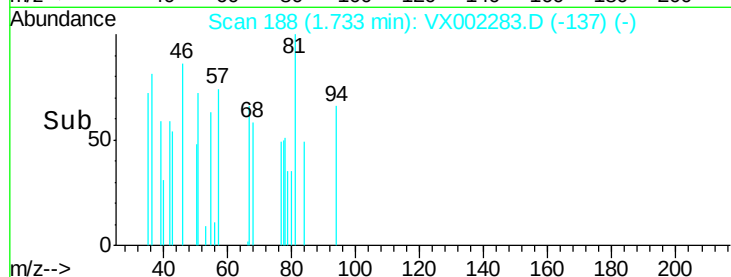
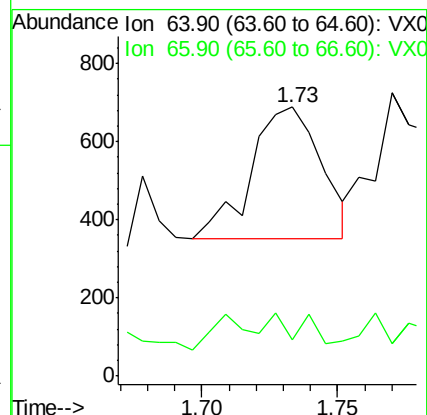
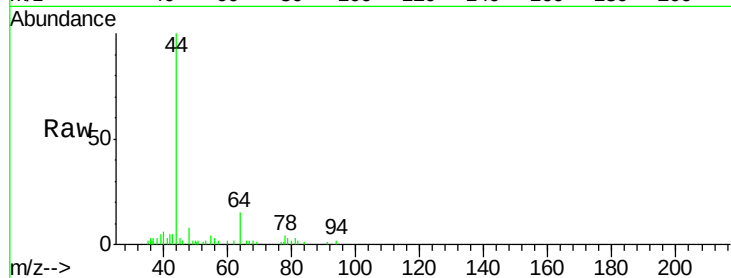
ClientSampled :

Tot Ion: 64 Resp: 607

Ion Ratio Lower Upper

64 100

66 7.7 25.5 38.3#



#8

Diethyl Ether

Concen: Below Cal

RT: 2.24 min Scan# 271

Delta R.T. 0.05 min

Lab File: VX002283.D

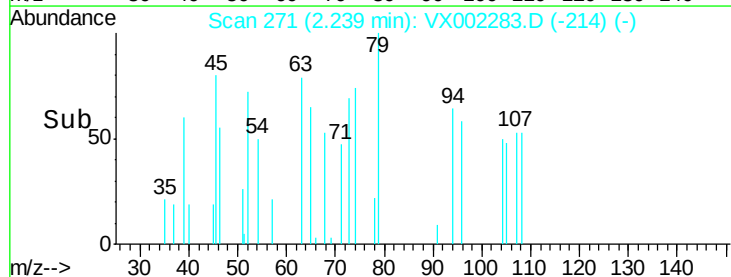
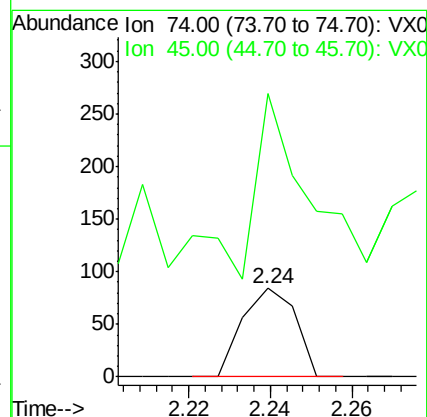
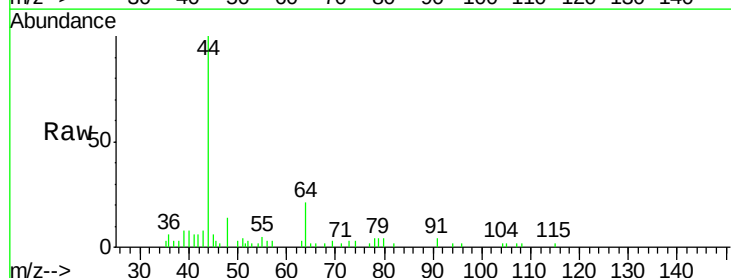
Acq: 05 Jun 2018 02:19

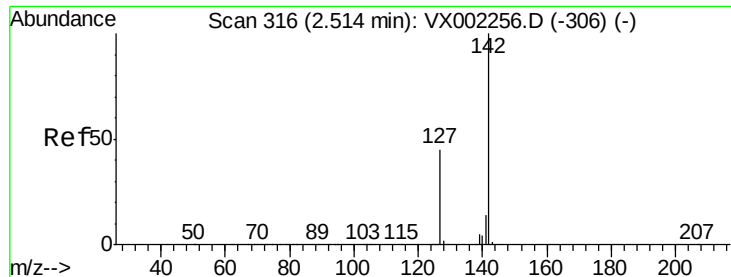
Tgt Ion: 74 Resp: 76

Ion Ratio Lower Upper

74 100

45 153.9 53.1 159.4

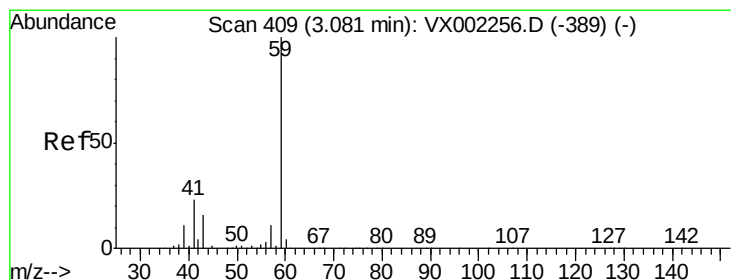
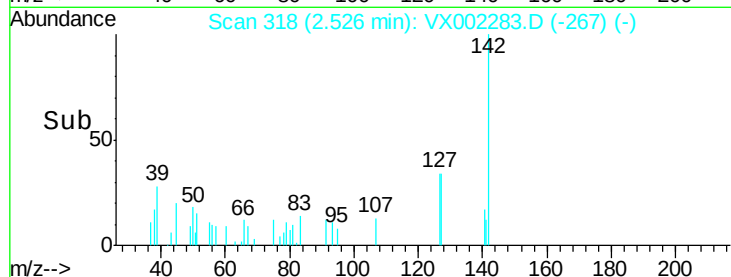
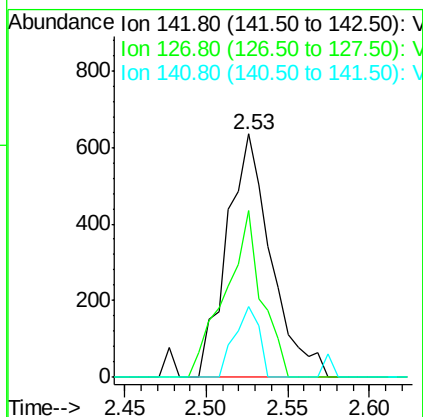
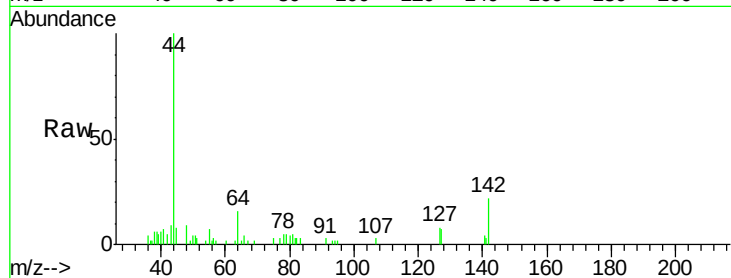




#10
Methvl Iodide
Concen: 0.31 ua/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

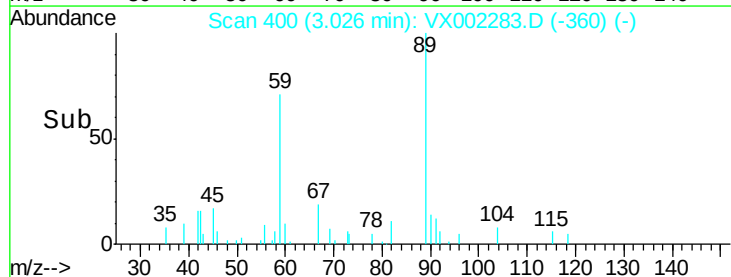
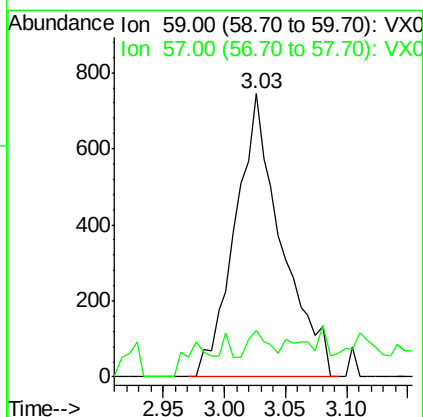
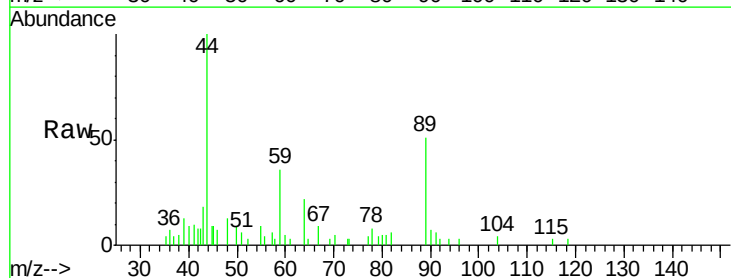
Instrument :
MSVOA_X
ClientSampleId :

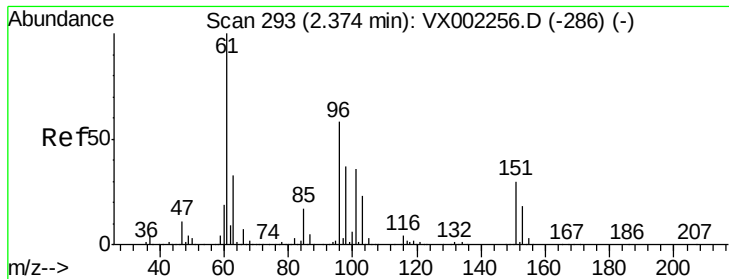
Tot Ion:142 Resp: 1193
Ion Ratio Lower Upper
142 100
127 56.5 36.6 55.0#
141 16.1 11.3 16.9



#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.03 min Scan# 400
Delta R.T. -0.05 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Tgt Ion: 59 Resp: 1958
Ion Ratio Lower Upper
59 100
57 8.6 8.2 12.2





#12

1,1-Dichloroethene

Concen: 0.37 ua/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX002283.D

Acq: 05 Jun 2018 02:19

Instrument :

MSVOA_X

ClientSampled :

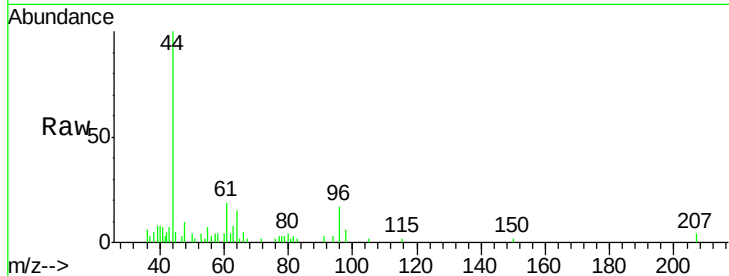
Tot Ion: 96 Resp: 984

Ion Ratio Lower Upper

96 100

61 113.0 137.9 206.9#

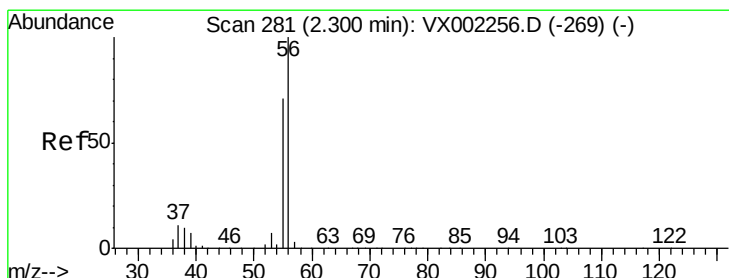
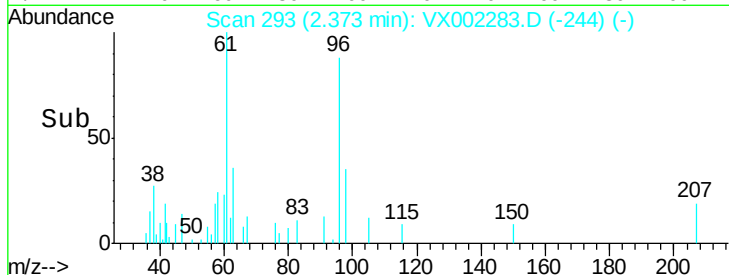
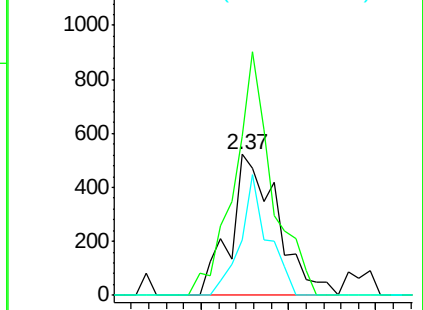
98 39.0 51.6 77.4#



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#13

Acrolein

Concen: Below Cal

RT: 2.31 min Scan# 283

Delta R.T. 0.01 min

Lab File: VX002283.D

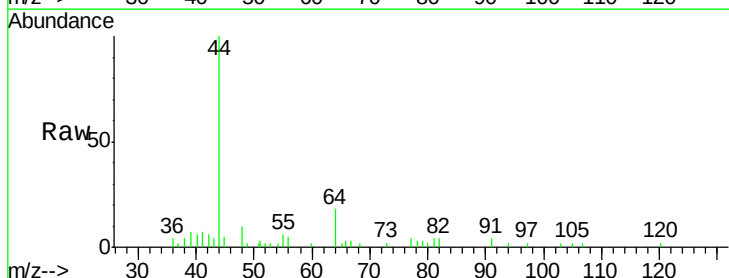
Acq: 05 Jun 2018 02:19

Tgt Ion: 56 Resp: 391

Ion Ratio Lower Upper

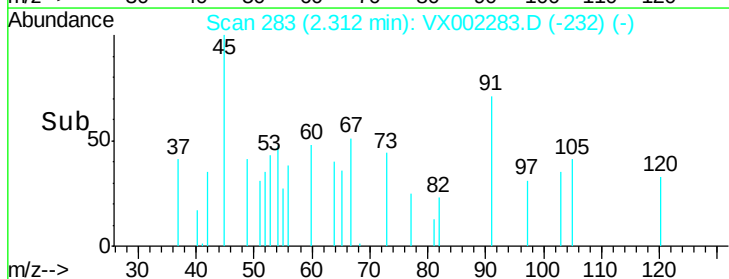
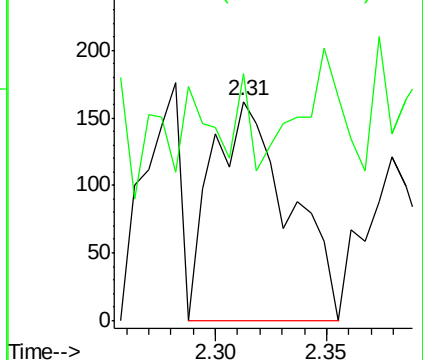
56 100

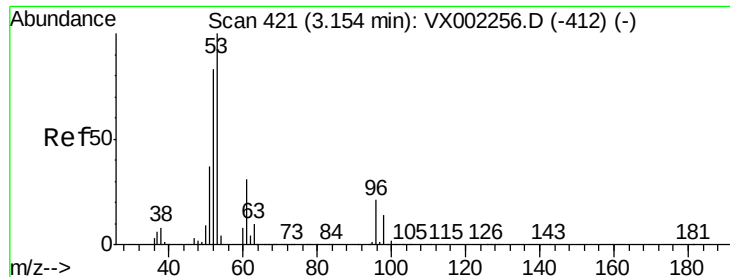
55 0.0 57.0 85.4#



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# 418

Delta R.T. -0.02 min

Lab File: VX002283.D

Acq: 05 Jun 2018 02:19

Instrument :

MSVOA_X

ClientSampleId :

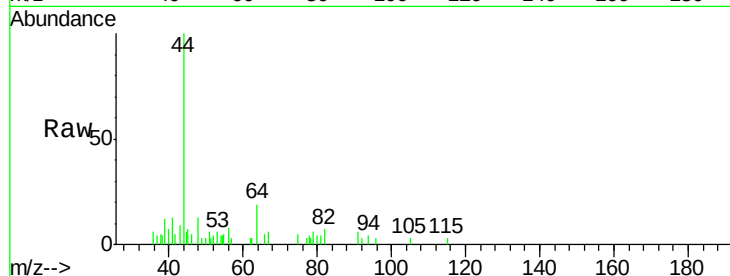
Tot Ion: 53 Resp: 190

Ion Ratio Lower Upper

53 100

52 75.3 66.7 100.1

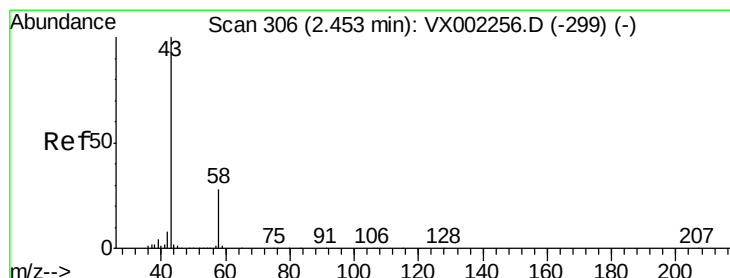
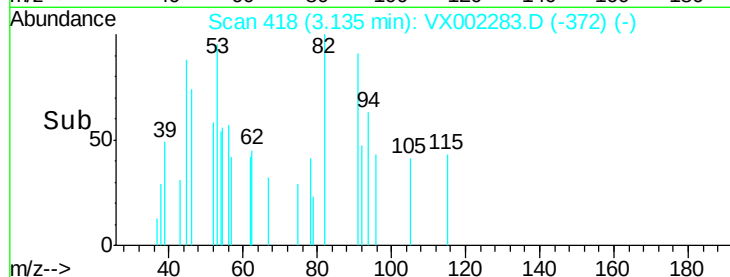
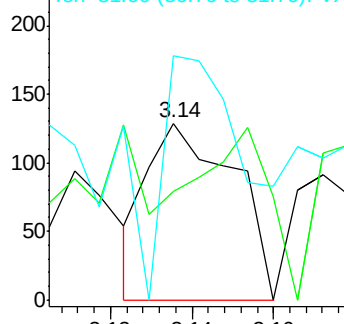
51 128.4 29.9 44.9#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: Below Cal

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002283.D

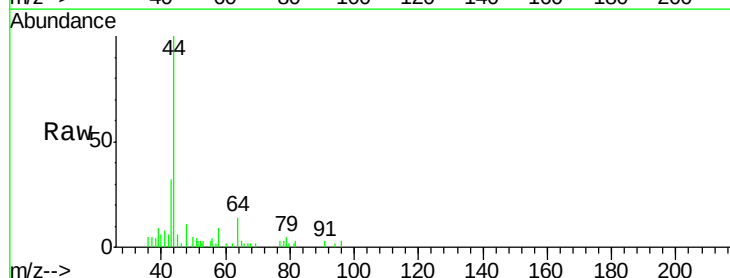
Acq: 05 Jun 2018 02:19

Tgt Ion: 43 Resp: 1575

Ion Ratio Lower Upper

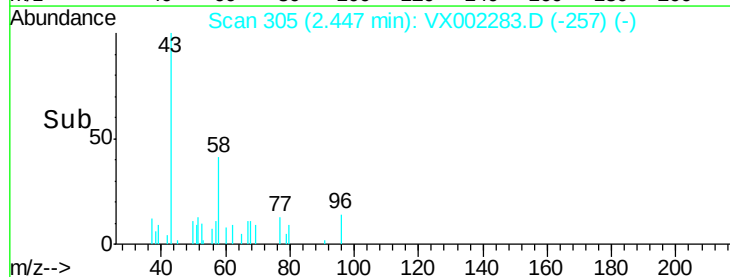
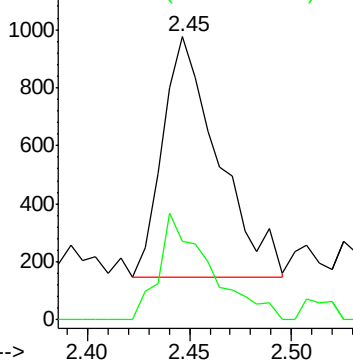
43 100

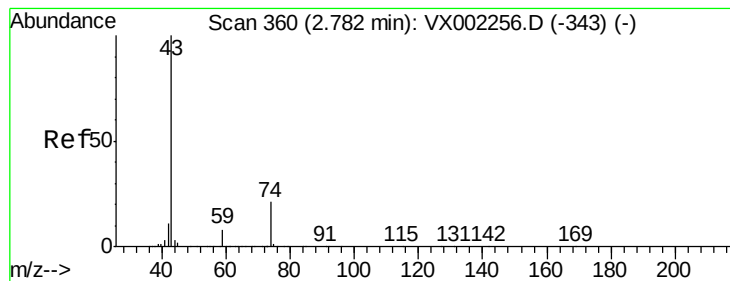
58 32.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#18

Methyl Acetate

Concen: Below Cal

RT: 2.77 min Scan# 358

Delta R.T. -0.01 min

Lab File: VX002283.D

Acq: 05 Jun 2018 02:19

Instrument :

MSVOA_X

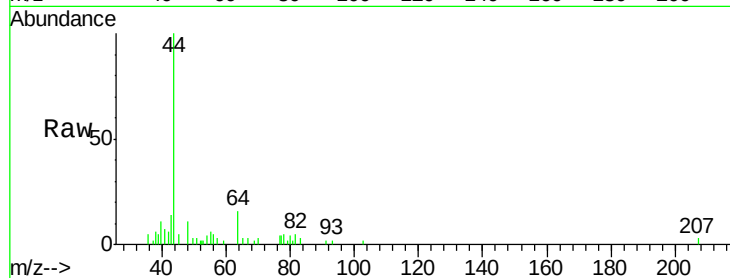
ClientSampleId :

Tot Ion: 43 Resp: 278

Ion Ratio Lower Upper

43 100

74 17.6 16.7 25.1



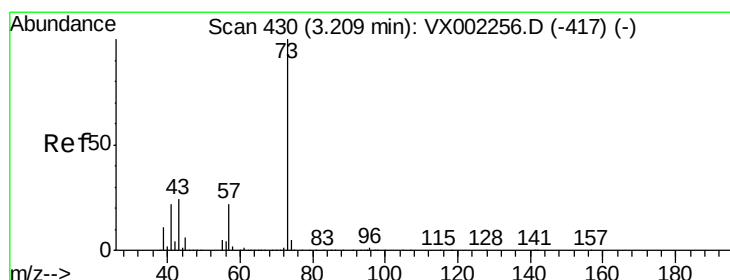
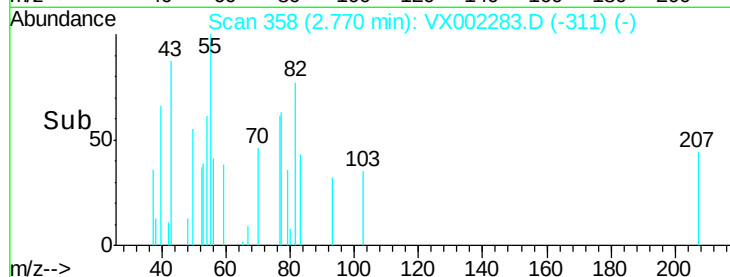
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.77

2.74 2.76 2.78 2.80

Time-->



#19

Methyl tert-butyl Ether

Concen: Below Cal

RT: 3.21 min Scan# 431

Delta R.T. 0.01 min

Lab File: VX002283.D

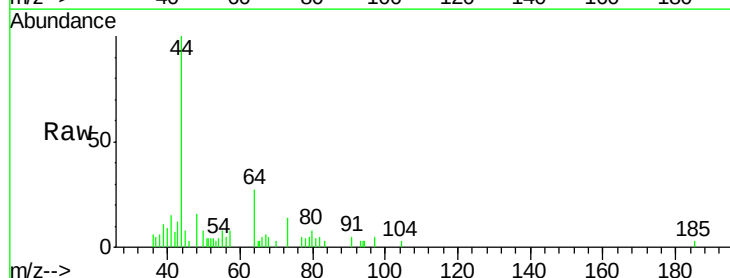
Acq: 05 Jun 2018 02:19

Tgt Ion: 73 Resp: 409

Ion Ratio Lower Upper

73 100

57 30.3 17.7 26.5#



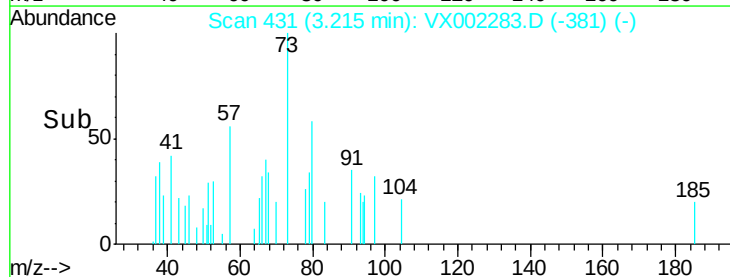
Abundance Ion 73.00 (72.70 to 73.70): VX0

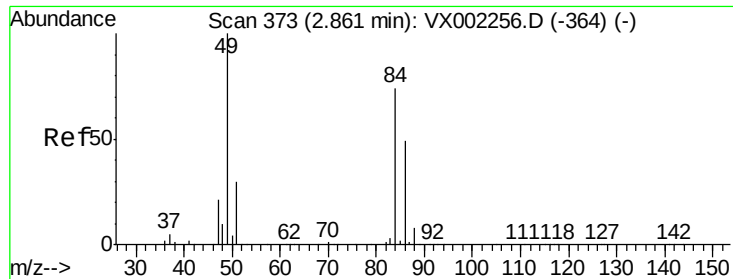
Ion 57.00 (56.70 to 57.70): VX0

3.21

3.15 3.20 3.25

Time-->

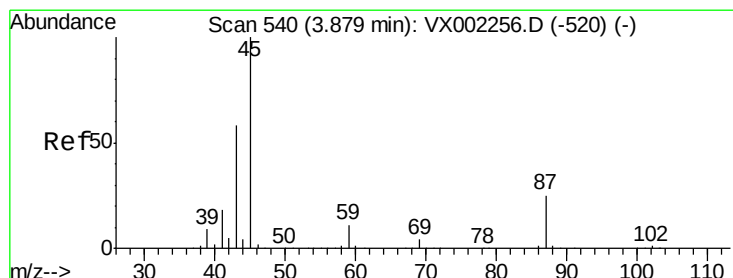
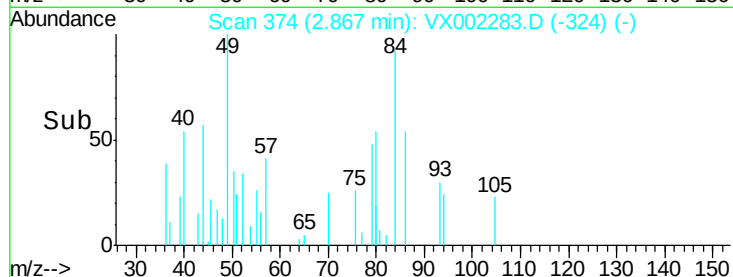
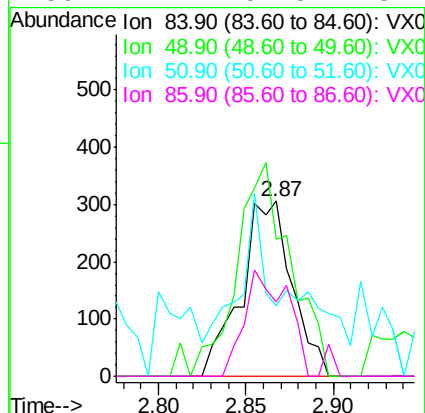
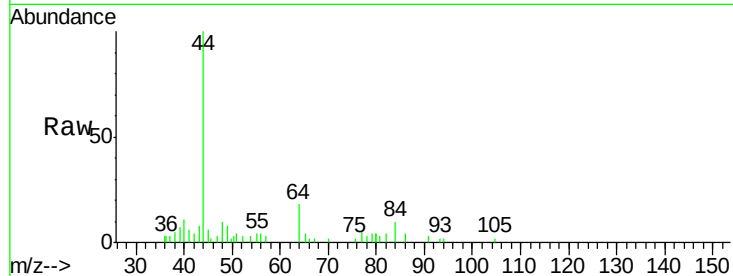




#20
Methylene Chloride
Concen: Below Cal
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

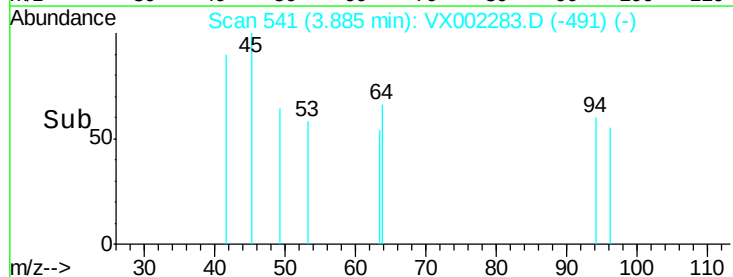
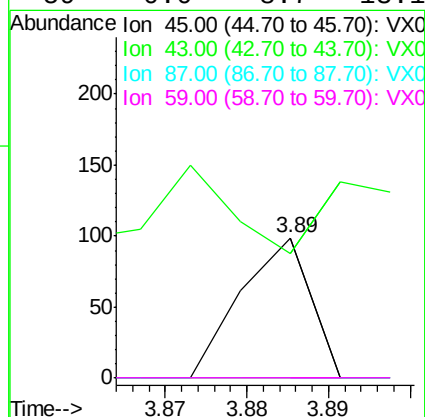
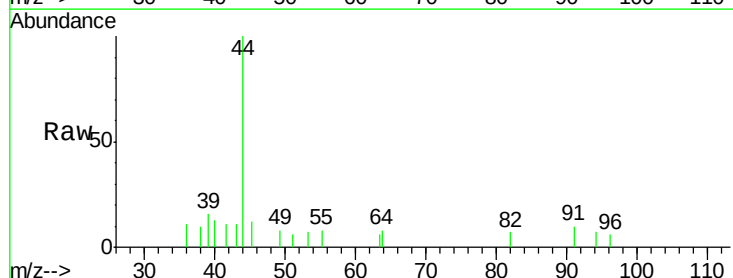
Instrument :
MSVOA_X
ClientSampled :

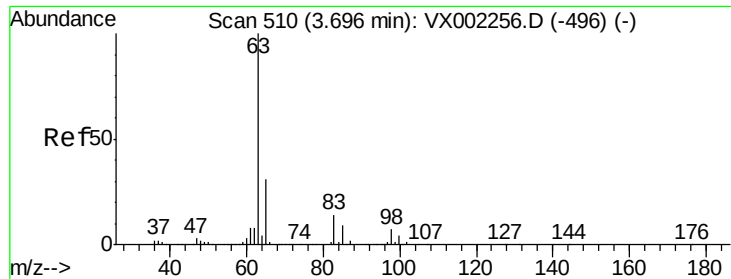
Tot Ion: 84 Resp: 624
Ion Ratio Lower Upper
84 100
49 78.1 107.8 161.6#
51 6.2 32.8 49.2#
86 42.2 52.5 78.7#



#22
Diisopropyl ether
Concen: Below Cal
RT: 3.89 min Scan# 541
Delta R.T. 0.01 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Tgt Ion: 45 Resp: 59
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#





#24

1,1-Dichloroethane

Concen: 0.32 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002283.D

Acq: 05 Jun 2018 02:19

Instrument :

MSVOA_X

ClientSampleId :

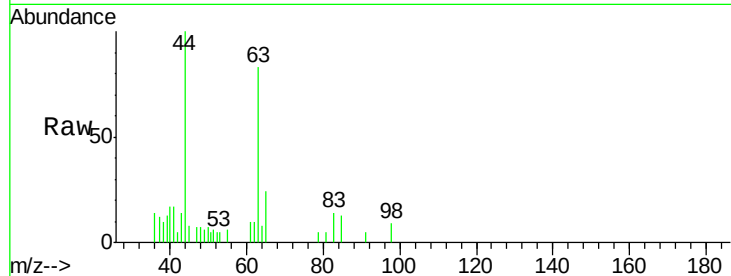
Tot Ion: 63 Resp: 1829

Ion Ratio Lower Upper

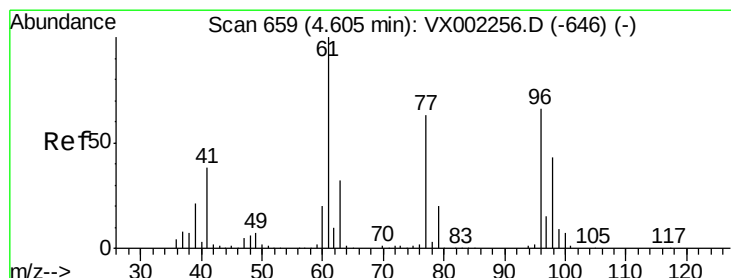
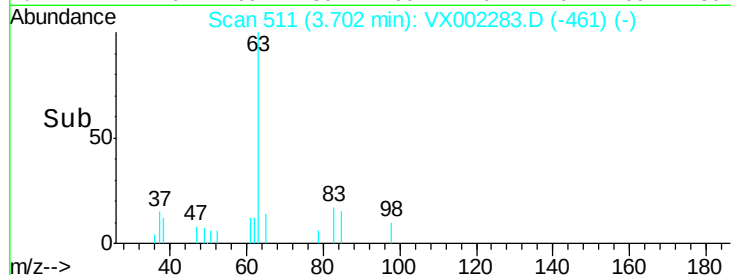
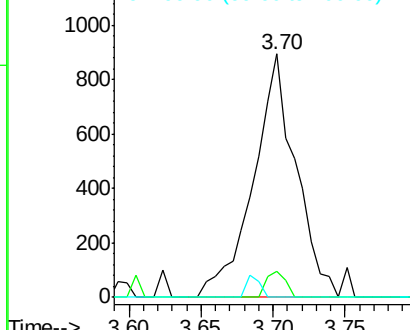
63 100

98 10.5 3.4 10.2#

100 0.0 2.0 6.0#



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 14.24 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002283.D

Acq: 05 Jun 2018 02:19

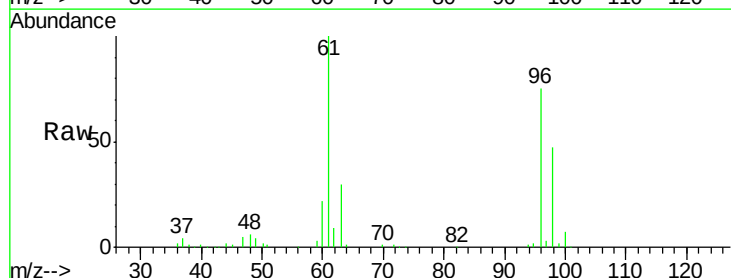
Tgt Ion: 96 Resp: 45976

Ion Ratio Lower Upper

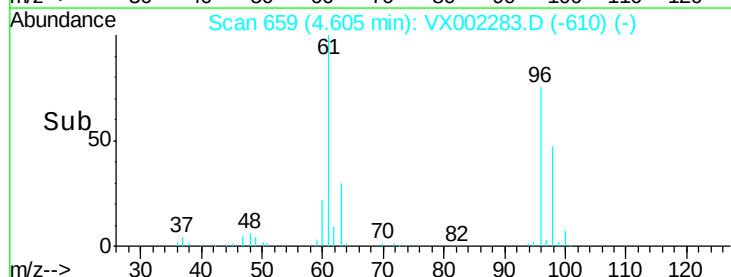
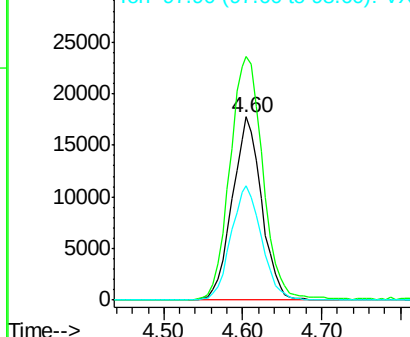
96 100

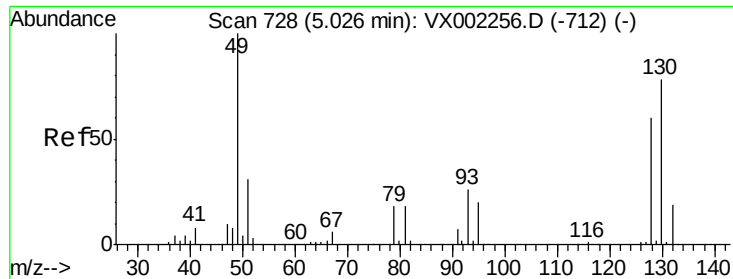
61 149.1 0.0 330.2

98 64.9 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#28

Bromochloromethane

Concen: Below Cal

RT: 4.96 min Scan# 718

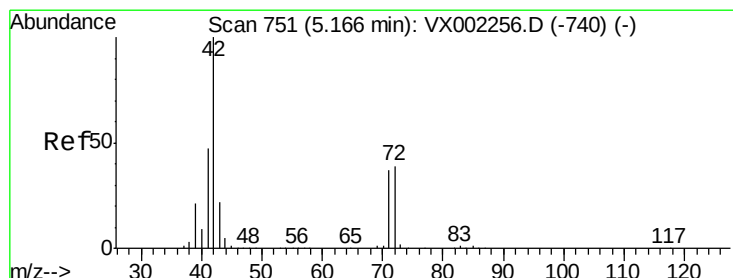
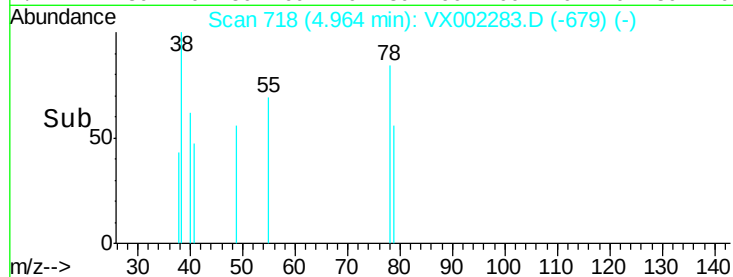
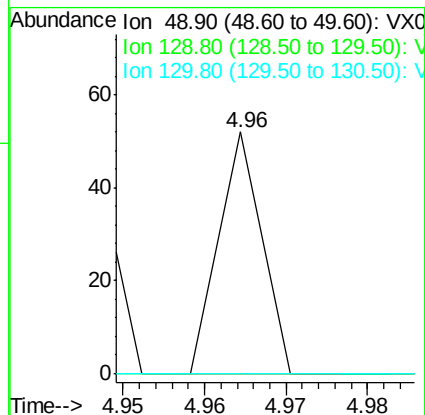
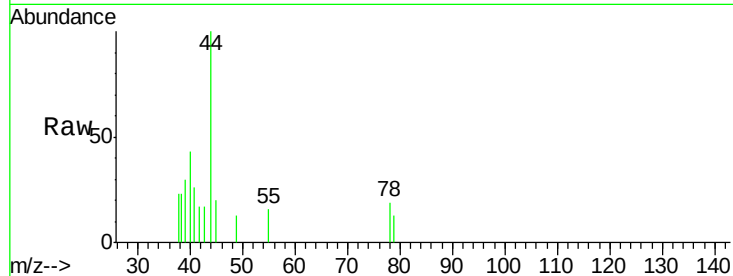
Delta R.T. -0.06 min

Lab File: VX002283.D

Acq: 05 Jun 2018 02:19

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 49 Resp: 19
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 0.0 61.2 91.8#



#29

Tetrahydrofuran

Concen: 0.25 ug/l

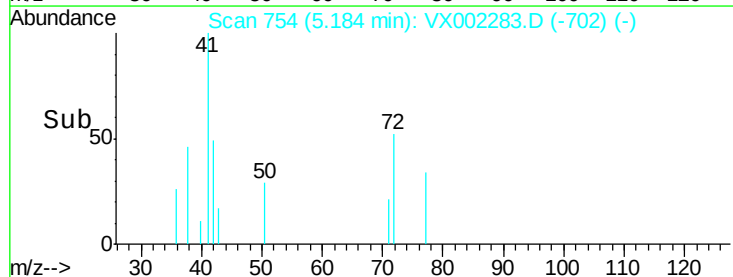
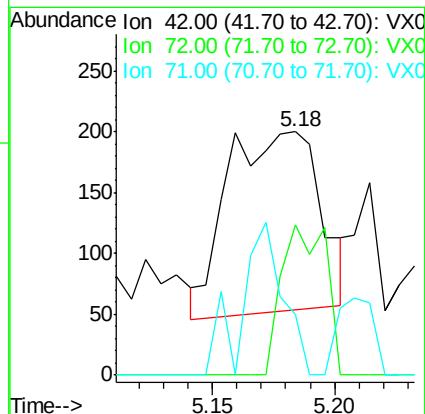
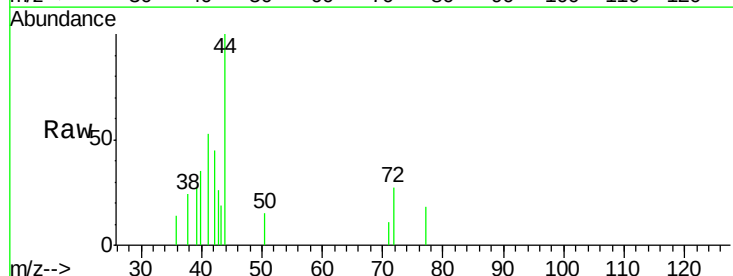
RT: 5.18 min Scan# 754

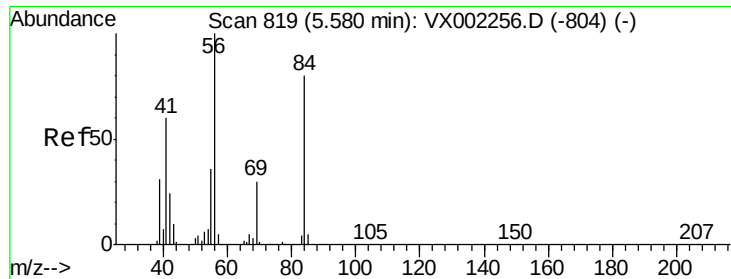
Delta R.T. 0.02 min

Lab File: VX002283.D

Acq: 05 Jun 2018 02:19

Tgt Ion: 42 Resp: 392
Ion Ratio Lower Upper
42 100
72 39.5 32.0 48.0
71 37.8 30.1 45.1

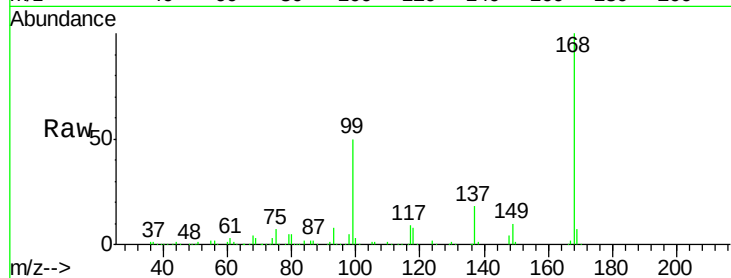




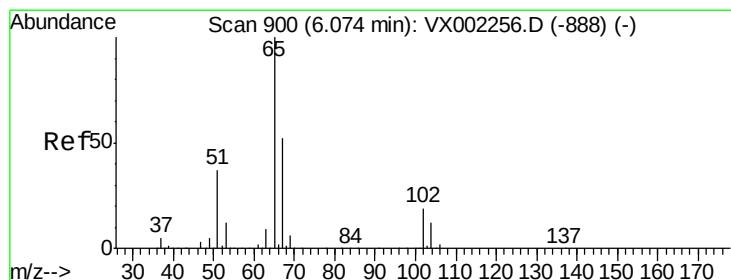
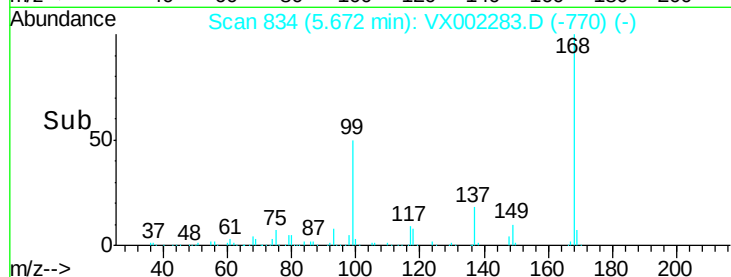
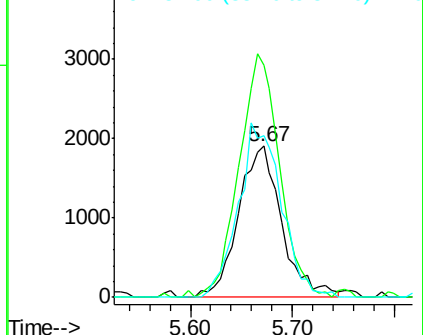
#31
Cyclohexane
Concen: 1.23 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.09 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 5628
Ion Ratio Lower Upper
56 100
69 149.3 23.7 35.5#
84 106.8 64.1 96.1#

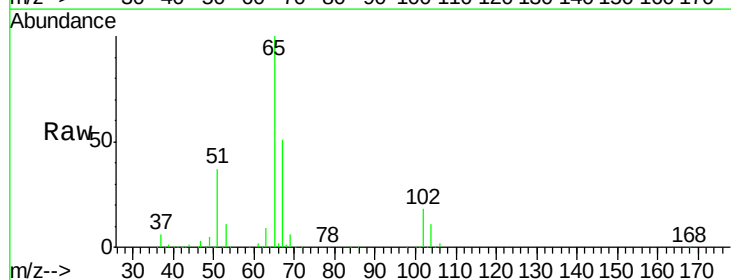


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

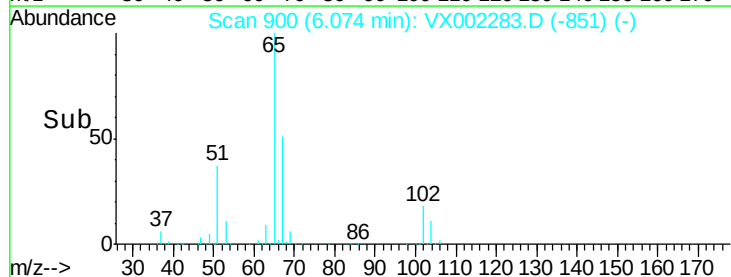
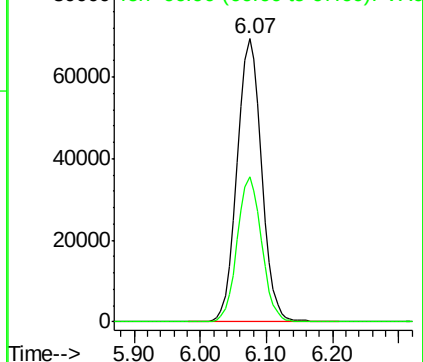


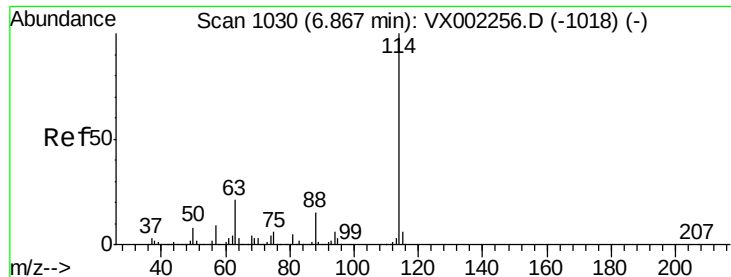
#33
1,2-Dichloroethane-d4
Concen: 49.40 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Tgt Ion: 65 Resp: 178780
Ion Ratio Lower Upper
65 100
67 51.0 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: VX002283.D

Acq: 05 Jun 2018 02:19

Instrument :

MSVOA_X

ClientSampleId :

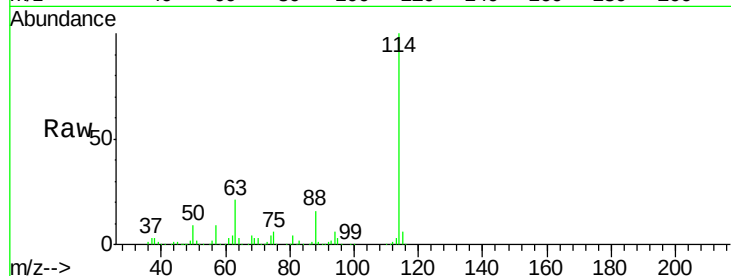
Tot Ion:114 Resp: 366188

Ion Ratio Lower Upper

114 100

63 21.0 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

200000

150000

100000

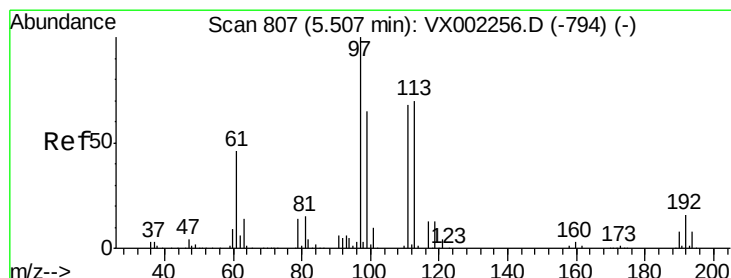
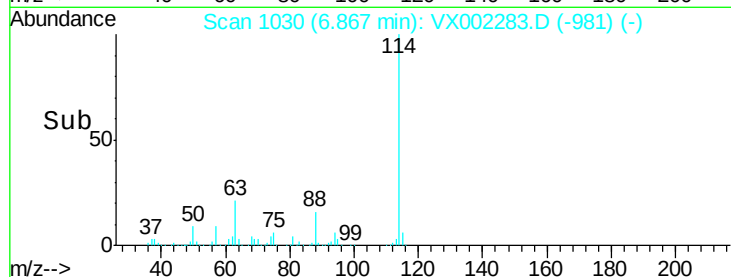
50000

0

6.87

6.70 6.80 6.90 7.00 7.10

Time-->



#35

Dibromofluoromethane

Concen: 44.93 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002283.D

Acq: 05 Jun 2018 02:19

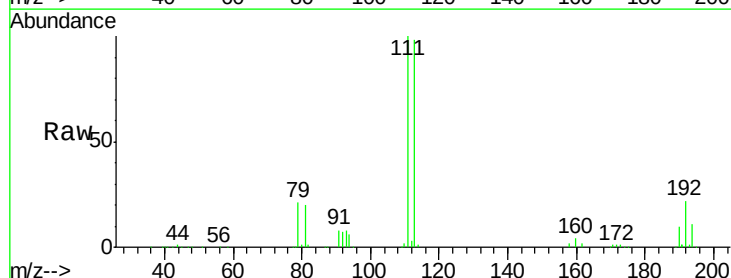
Tgt Ion:113 Resp: 129393

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

192 23.1 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

60000

50000

40000

30000

20000

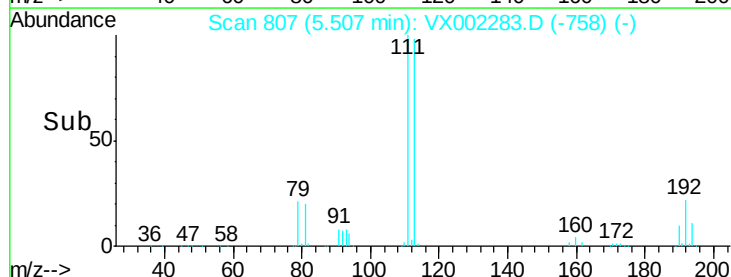
10000

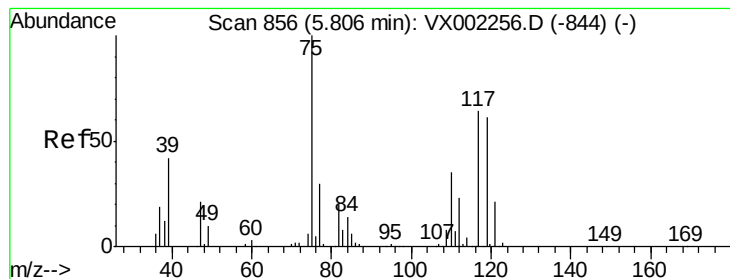
0

5.51

5.40 5.50 5.60 5.70

Time-->





#36

1,1-Dichloropropene

Concen: 4.66 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.14 min

Lab File: VX002283.D

Acq: 05 Jun 2018 02:19

Instrument :

MSVOA_X

ClientSampled :

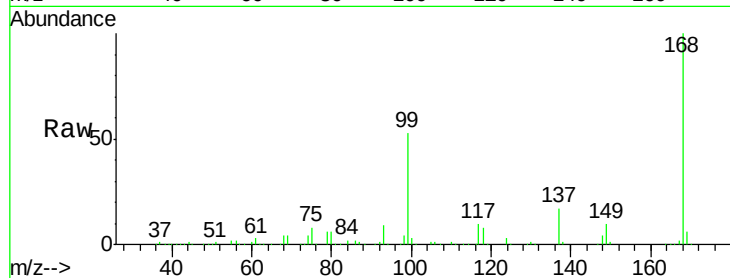
Tot Ion: 75 Resp: 17953

Ion Ratio Lower Upper

75 100

110 11.1 18.1 54.4#

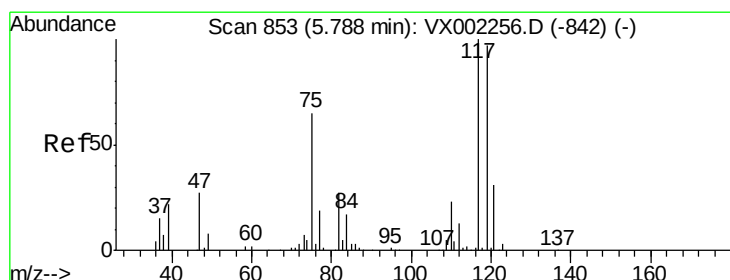
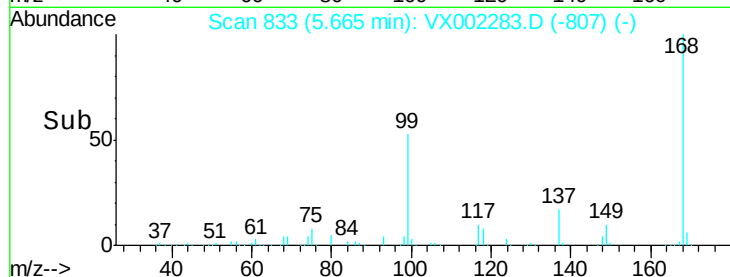
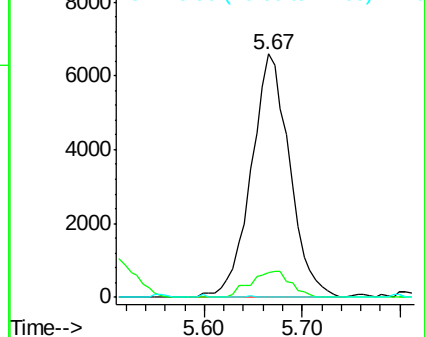
77 0.0 24.3 36.5#



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: 5.88 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX002283.D

Acq: 05 Jun 2018 02:19

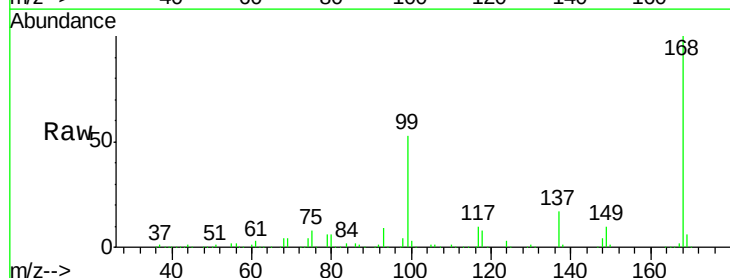
Tgt Ion:117 Resp: 23696

Ion Ratio Lower Upper

117 100

119 4.1 77.4 116.0#

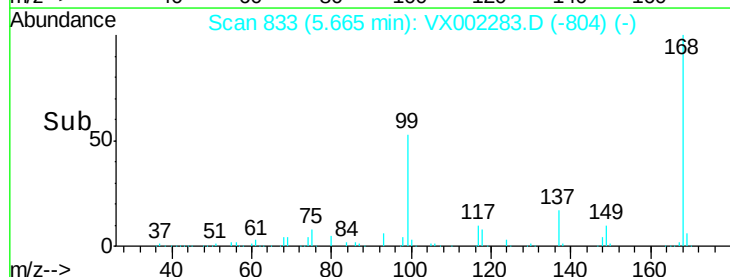
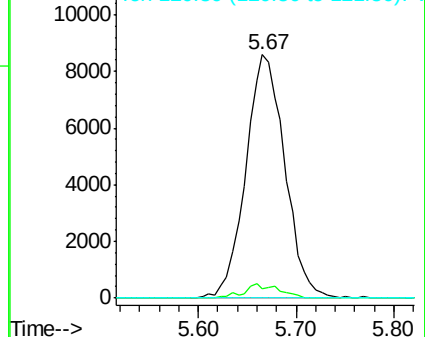
121 0.0 24.4 36.6#

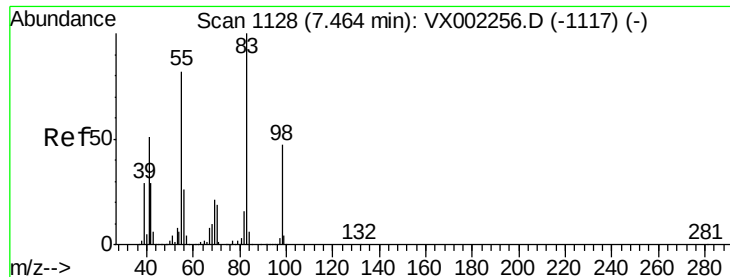


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

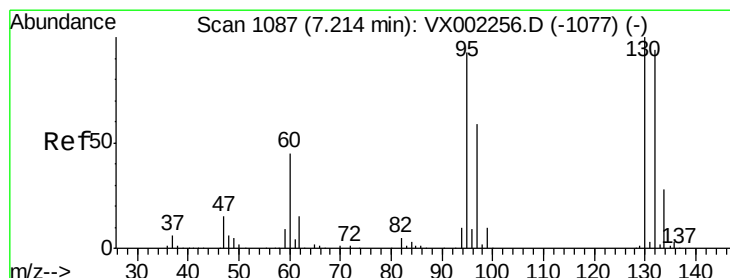
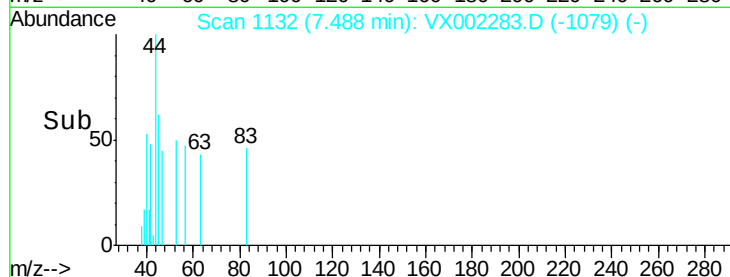
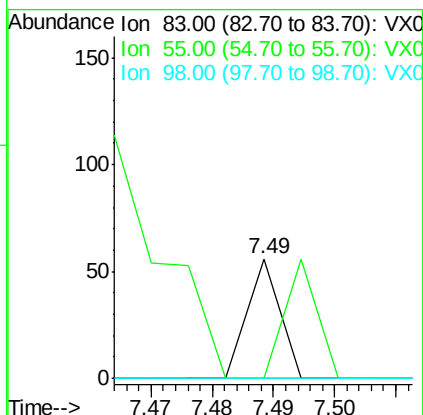
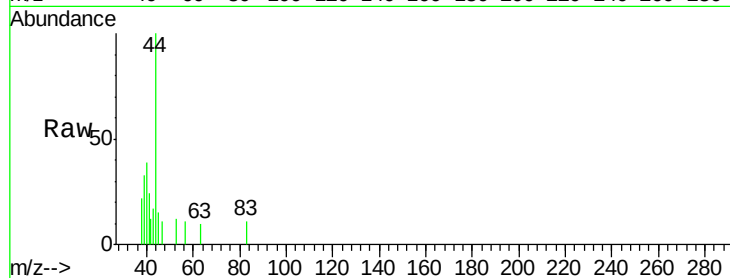




#39
Methylvlcyclohexane
Concen: 0.27 ug/l
RT: 7.49 min Scan# 1132
Delta R.T. 0.02 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

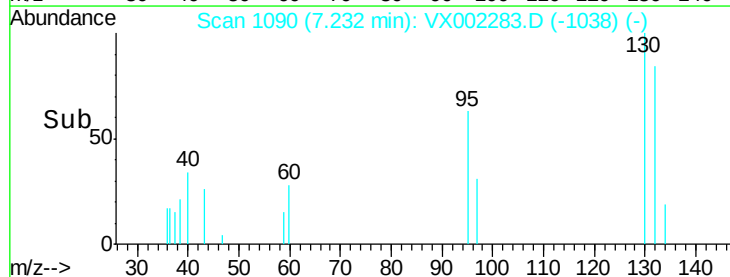
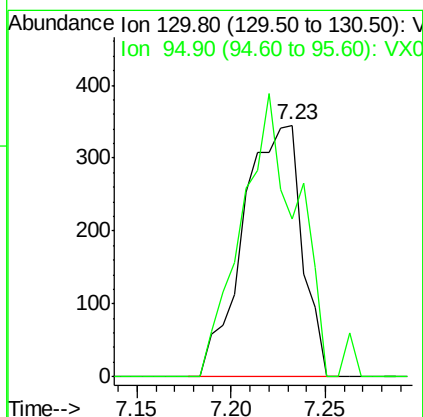
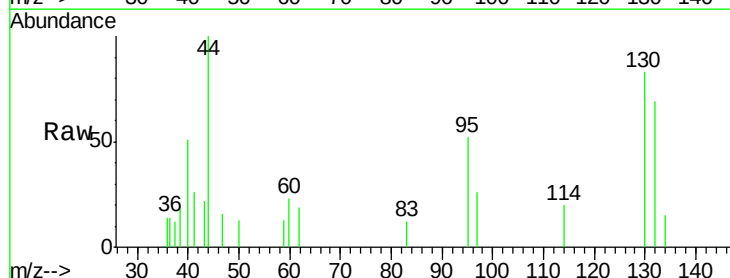
Instrument :
MSVOA_X
ClientSampled :

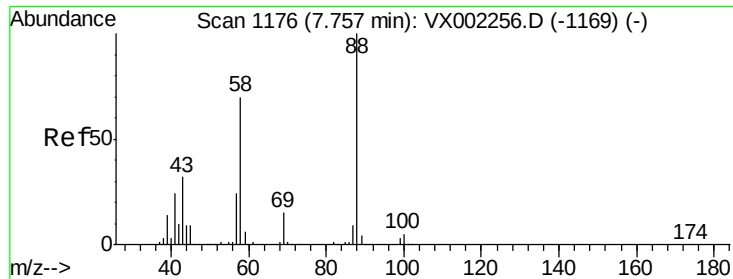
Tot Ion: 83 Resp: 20
Ion Ratio Lower Upper
83 100
55 0.0 65.4 98.0#
98 0.0 37.4 56.0#



#44
Trichloroethene
Concen: 0.23 ug/l
RT: 7.23 min Scan# 1090
Delta R.T. 0.02 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Tgt Ion:130 Resp: 743
Ion Ratio Lower Upper
130 100
95 62.9 0.0 185.4

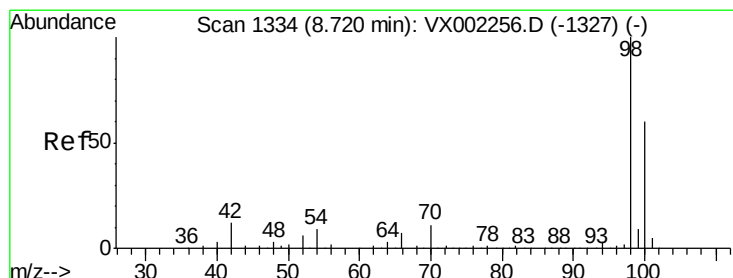
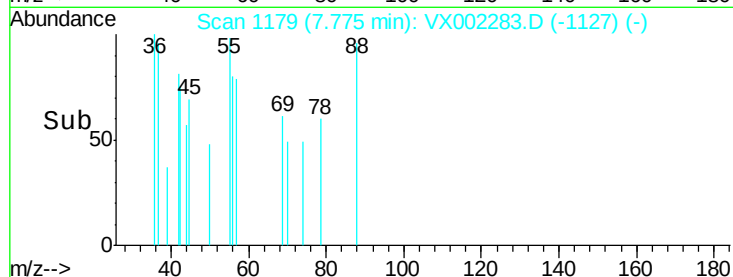
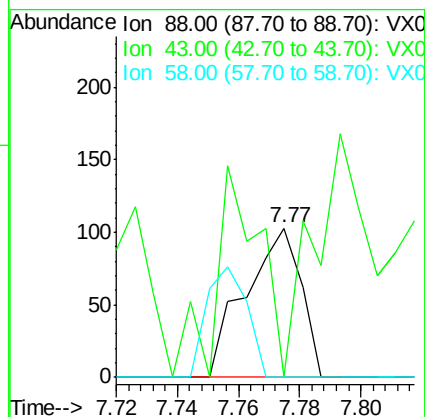
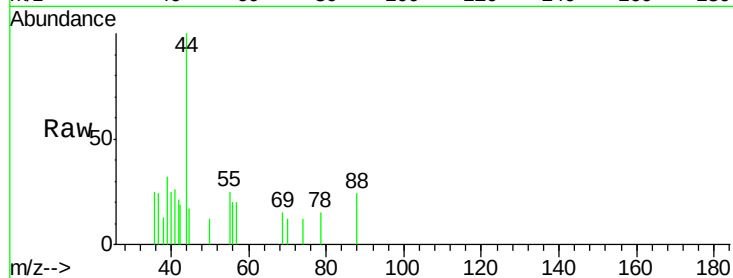




#49
1,4-Dioxane
Concen: 1.76 ug/l
RT: 7.77 min Scan# 1179
Delta R.T. 0.02 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

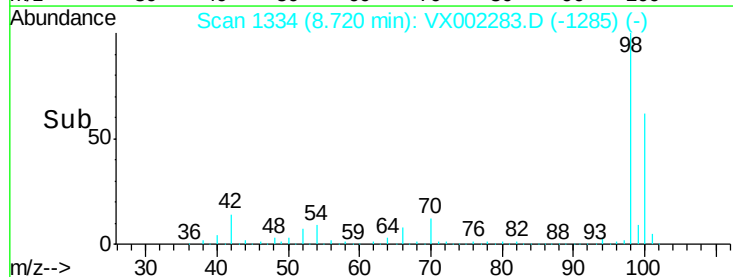
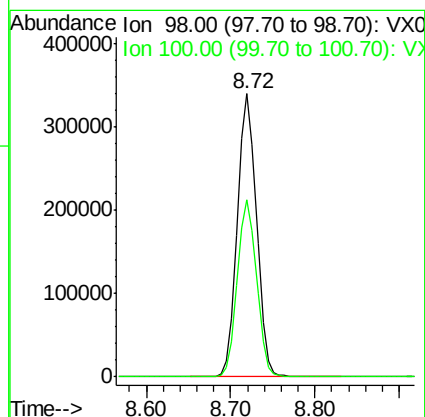
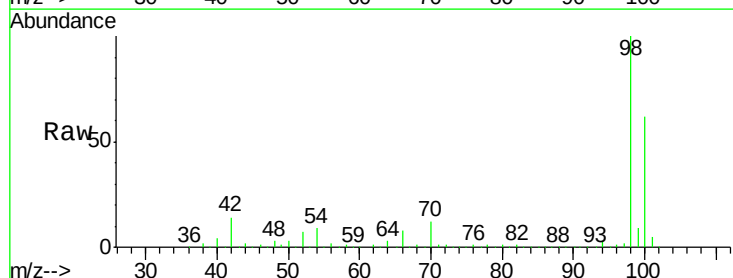
Instrument :
MSVOA_X
ClientSampled :

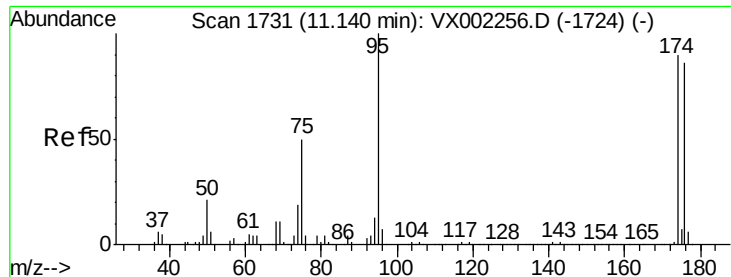
Tot Ion: 88 Resp: 130
Ion Ratio Lower Upper
88 100
43 110.8 29.8 44.6#
58 53.1 57.1 85.7#



#50
Toluene-d8
Concen: 47.33 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Tgt Ion: 98 Resp: 522404
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3

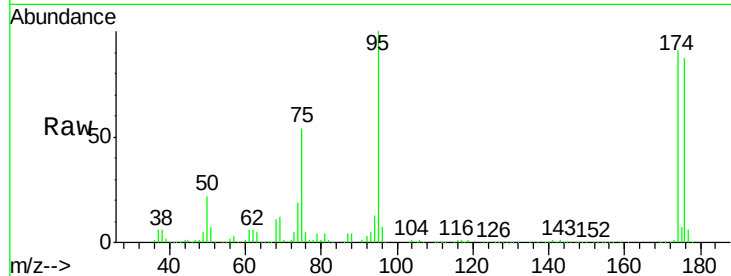




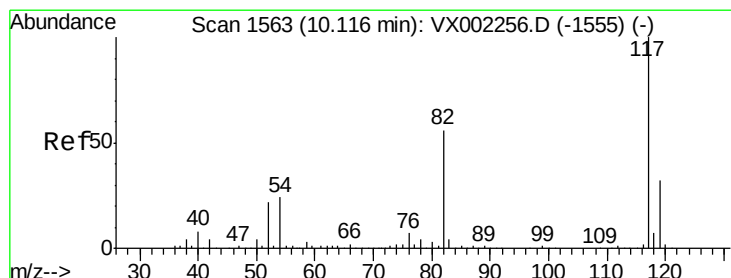
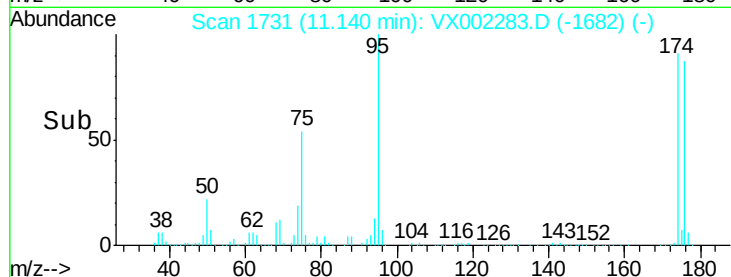
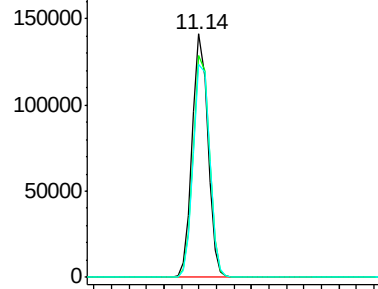
#62
4-Bromofluorobenzene
Concen: 41.06 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 95 Resp: 174767
Ion Ratio Lower Upper
95 100
174 94.1 0.0 187.4
176 92.1 0.0 181.0

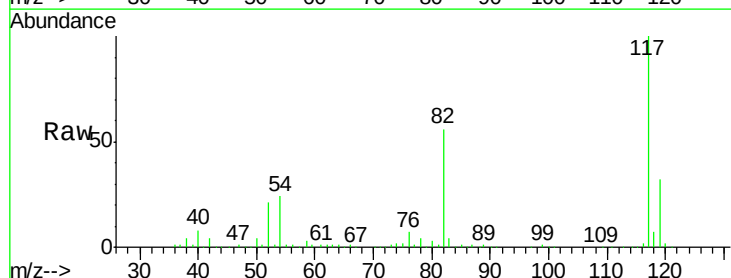


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

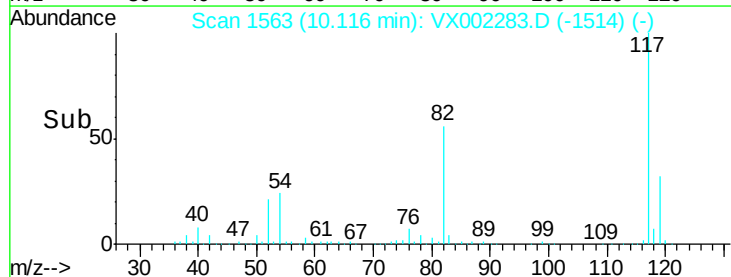
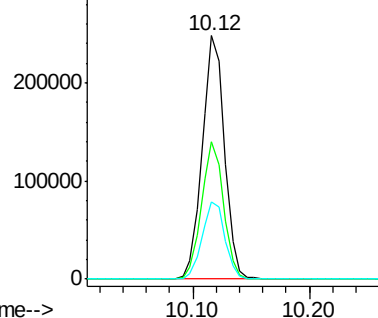


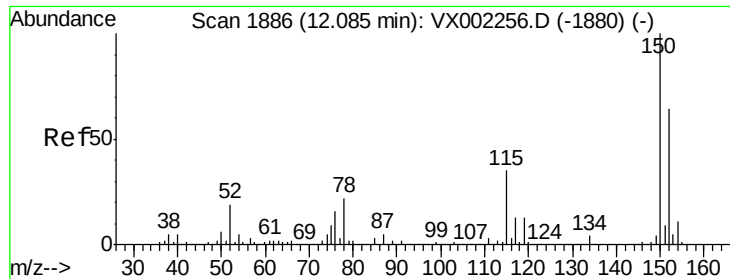
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002283.D
Acq: 05 Jun 2018 02:19

Tgt Ion: 117 Resp: 329929
Ion Ratio Lower Upper
117 100
82 56.4 45.0 67.4
119 31.7 25.8 38.6



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002283.D

Acq: 05 Jun 2018 02:19

Instrument :

MSVOA_X

ClientSampled :

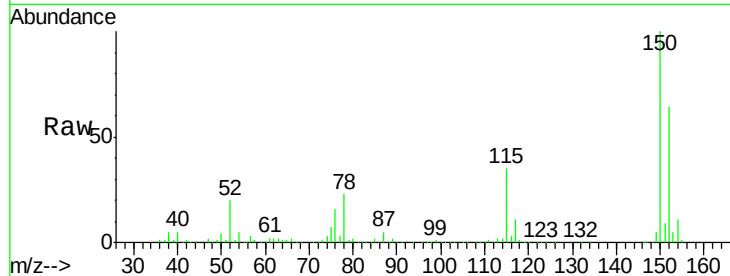
Tot Ion:152 Resp: 170833

Ion Ratio Lower Upper

152 100

115 55.6 40.1 120.2

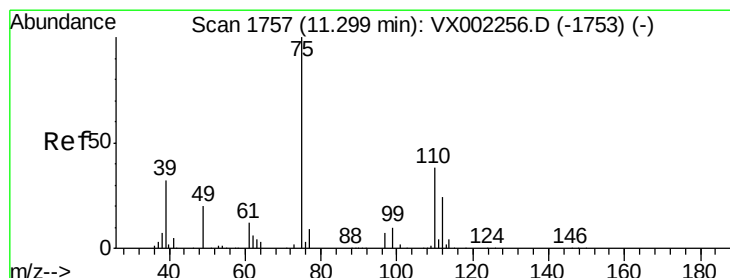
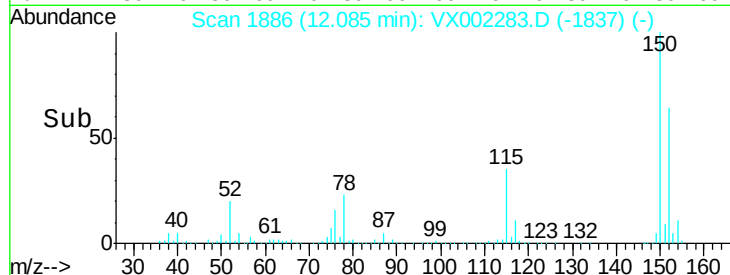
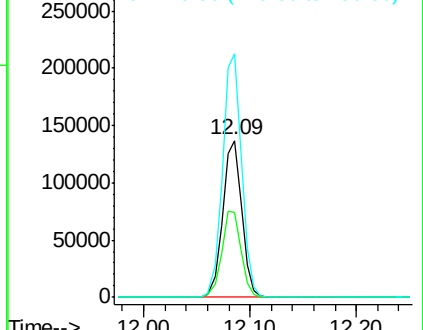
150 155.5 0.0 347.2



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



#76

1,2,3-Trichloropropane

Concen: 25.39 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002283.D

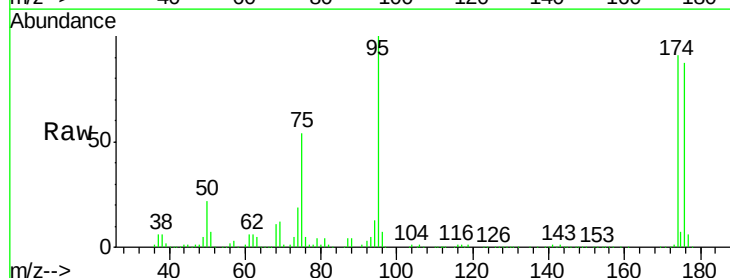
Acq: 05 Jun 2018 02:19

Tgt Ion: 75 Resp: 95170

Ion Ratio Lower Upper

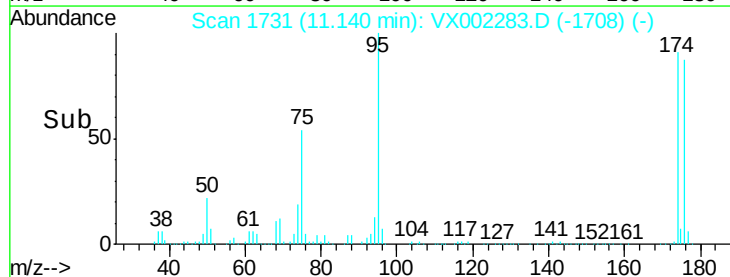
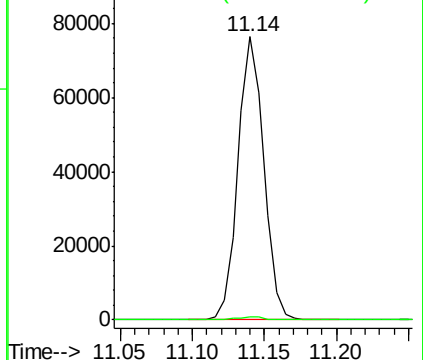
75 100

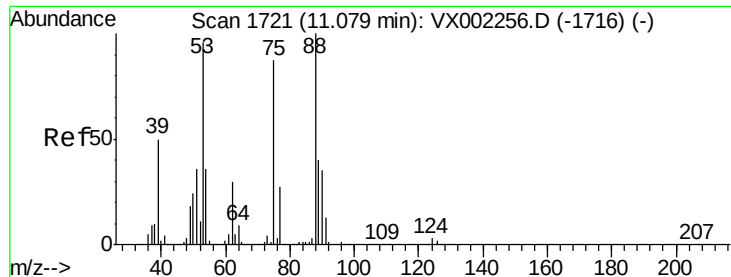
77 1.2 22.8 68.3#



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: 89.00 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

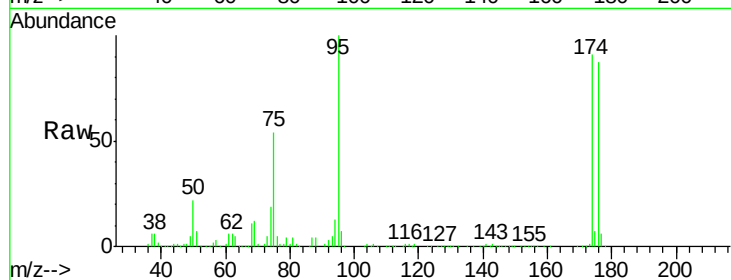
Lab File: VX002283.D

Acq: 05 Jun 2018 02:19

Instrument :

MSVOA_X

ClientSampleId :



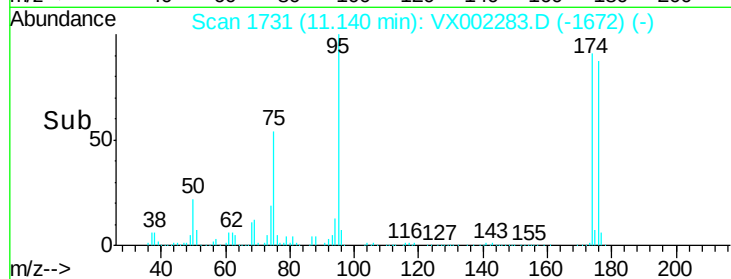
Tot Ion: 75 Resp: 95170

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

