

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061218\
 Data File : VX002475.D
 Acq On : 12 Jun 2018 19:04
 Operator : JC/MD
 Sample : J3404-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 13 01:27:35 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	207078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	300161	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	284415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	159735	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	160291	54.44	ug/l	0.00
Spiked Amount			Recovery	=	108.88%	
35) Dibromofluoromethane	5.51	113	120715	51.14	ug/l	0.00
Spiked Amount			Recovery	=	102.28%	
50) Toluene-d8	8.72	98	468847	51.82	ug/l	0.00
Spiked Amount			Recovery	=	103.64%	
62) 4-Bromofluorobenzene	11.14	95	164306	47.09	ug/l	0.00
Spiked Amount			Recovery	=	94.18%	

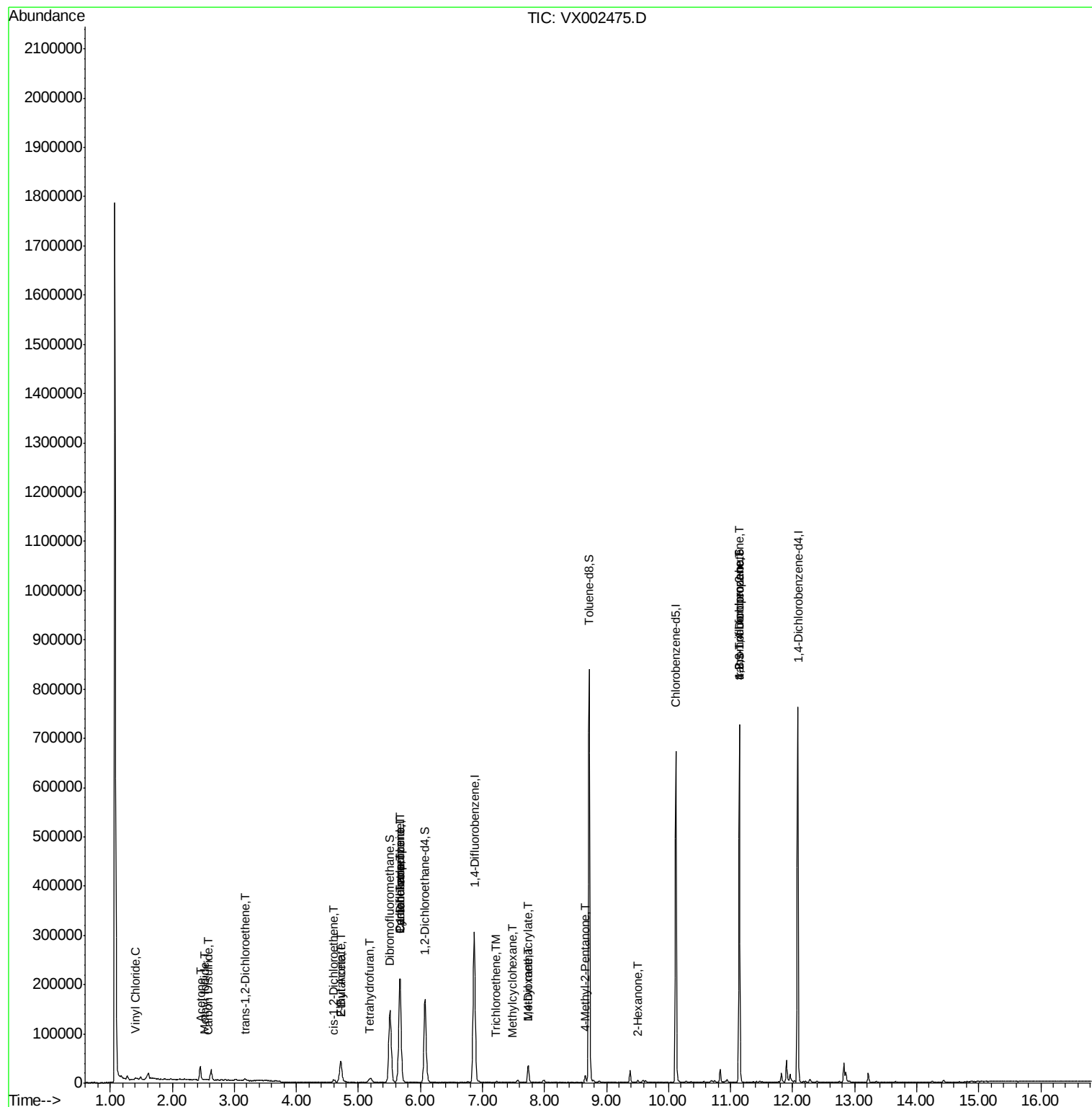
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	491	Below Cal		100
4) Vinyl Chloride	1.41	62	1240	0.46 ug/l	#	44
5) Bromomethane	1.64	94	676	Below Cal	#	43
8) Diethyl Ether	2.19	74	241	Below Cal		49
10) Methyl Iodide	2.52	142	1330	0.42 ug/l	#	88
11) Tert butyl alcohol	3.08	59	301	Below Cal	#	1
13) Acrolein	2.31	56	571	Below Cal	#	14
15) Acrylonitrile	3.15	53	459	Below Cal	#	45
16) Acetone	2.45	43	30440	5.12 ug/l		99
17) Carbon Disulfide	2.57	76	1541	0.27 ug/l	#	92
18) Methyl Acetate	2.78	43	730	Below Cal		91
19) Methyl tert-butyl Ether	3.22	73	22	Below Cal	#	1
20) Methylene Chloride	2.86	84	425	Below Cal	#	64
21) trans-1,2-Dichloroethene	3.17	96	991	0.41 ug/l	#	67
22) Diisopropyl ether	3.86	45	73	Below Cal	#	35
25) 2-Butanone	4.71	43	77223	38.03 ug/l		98
27) cis-1,2-Dichloroethene	4.60	96	2290	0.87 ug/l		22
28) Bromochloromethane	5.04	49	20	Below Cal	#	13
29) Tetrahydrofuran	5.18	42	5889	4.50 ug/l		97
31) Cyclohexane	5.67	56	4645	1.24 ug/l	#	19
36) 1,1-Dichloropropene	5.67	75	14839	4.70 ug/l	#	51
37) Ethyl Acetate	4.71	43	77223	20.35 ug/l	#	70
38) Carbon Tetrachloride	5.67	117	19945	6.04 ug/l	#	16
39) Methylcyclohexane	7.48	83	206	0.32 ug/l	#	72
44) Trichloroethene	7.21	130	666	0.25 ug/l		73
48) Methyl methacrylate	7.73	41	989	0.31 ug/l	#	13
49) 1,4-Dioxane	7.74	88	19	0.31 ug/l	#	1
51) 4-Methyl-2-Pentanone	8.65	43	6271	1.56 ug/l		98
59) 2-Hexanone	9.51	43	2546	0.82 ug/l		96
76) 1,2,3-Trichloropropane	11.14	75	87954	25.09 ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	87954	87.96 ug/l	#	7

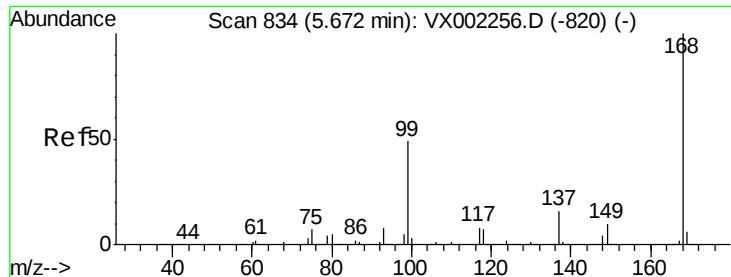
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061218\
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Quant Time: Jun 13 01:27:35 2018
Quant Method : Z:\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# 833

Delta R.T. -0.01 min

Lab File: VX002475.D

Acq: 12 Jun 2018 19:04

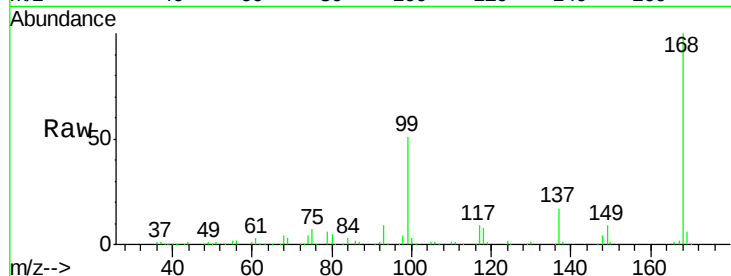
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 207078

Ion Ratio Lower Upper

168 100

99 50.5 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

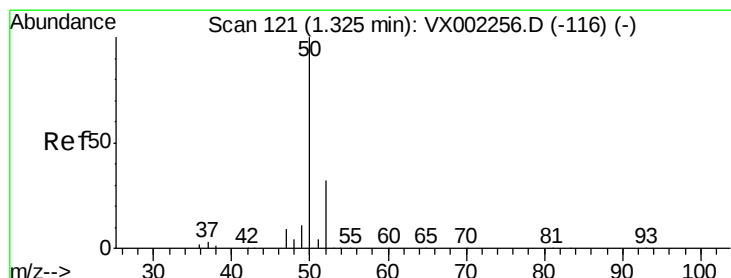
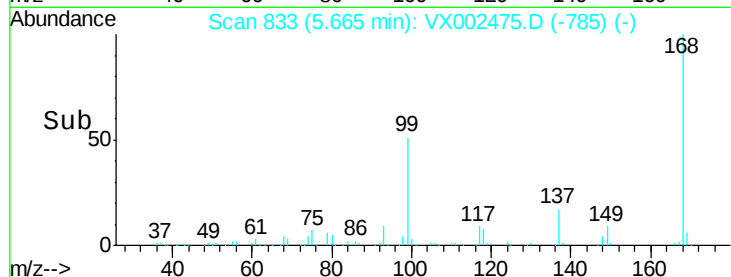
40000

20000

0

Time-->

5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002475.D

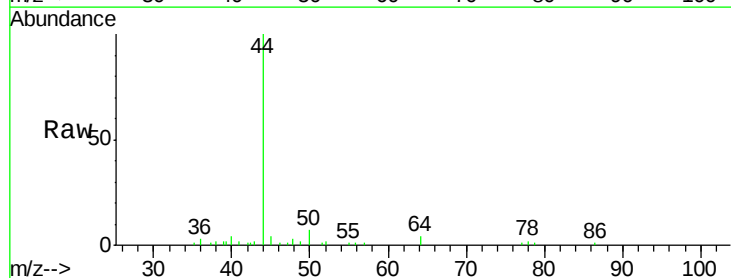
Acq: 12 Jun 2018 19:04

Tgt Ion: 50 Resp: 491

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

1.32

400

300

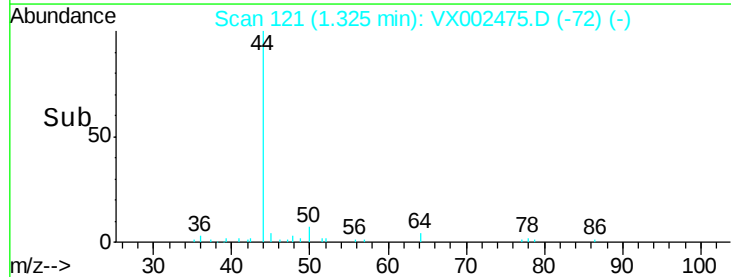
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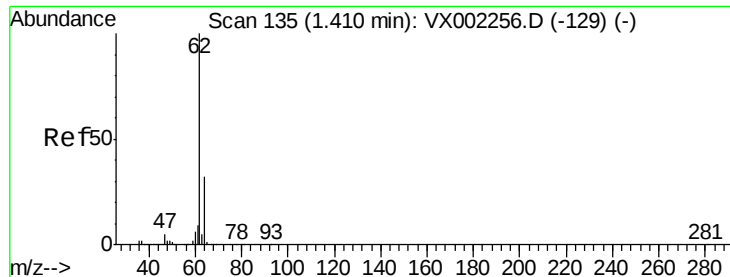
100

0

Time-->

1.30 1.35





#4

Vinyl Chloride

Concen: 0.46 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002475.D

Acq: 12 Jun 2018 19:04

Instrument :

MSVOA_X

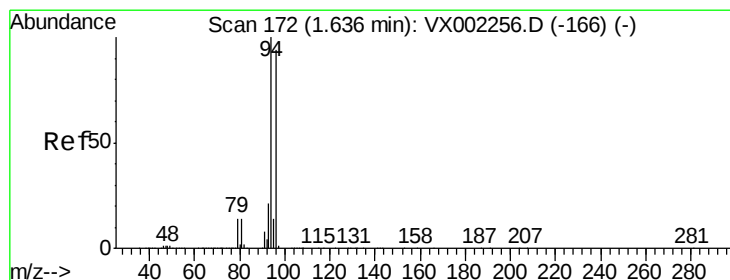
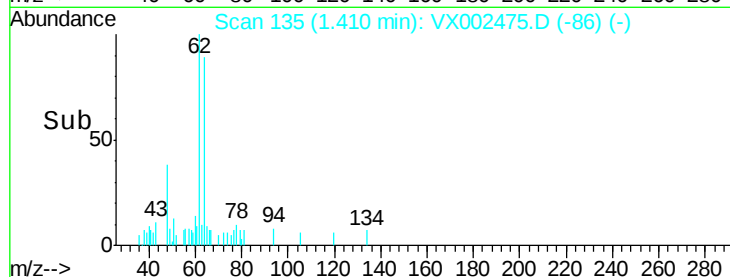
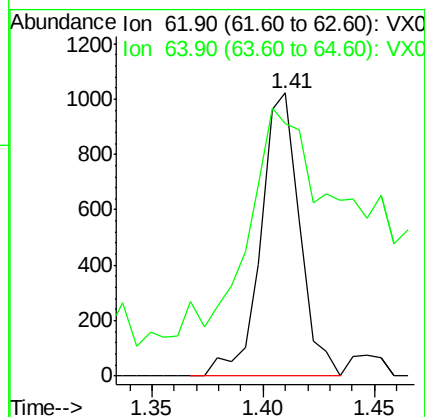
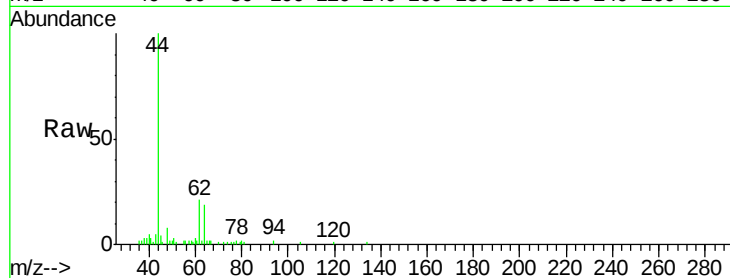
ClientSampled :

Tot Ion: 62 Resp: 1240

Ion Ratio Lower Upper

62 100

64 62.8 25.4 38.2#



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002475.D

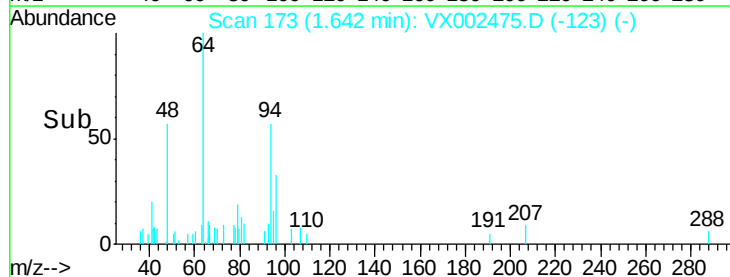
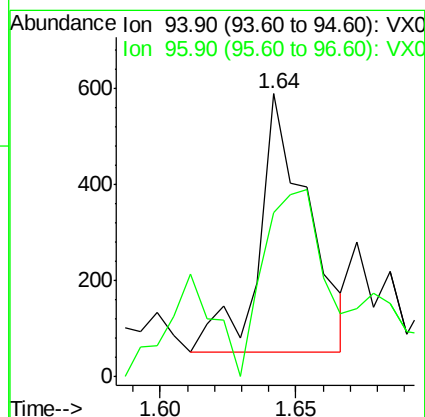
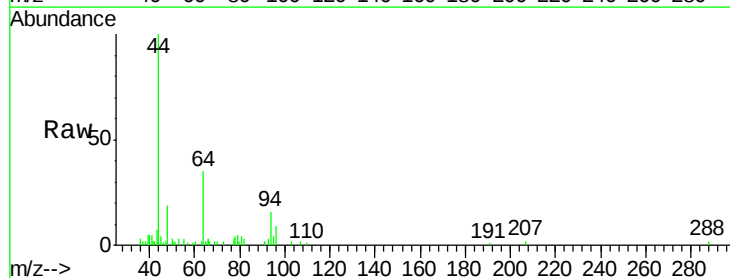
Acq: 12 Jun 2018 19:04

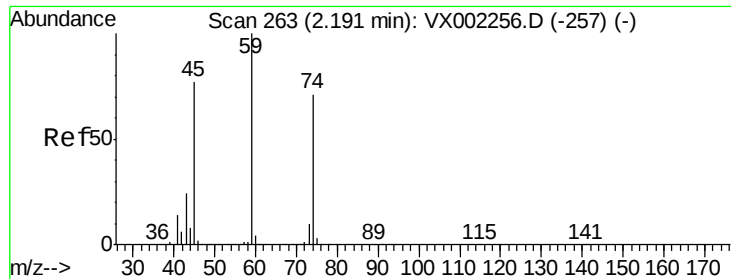
Tgt Ion: 94 Resp: 676

Ion Ratio Lower Upper

94 100

96 39.0 74.9 112.3#

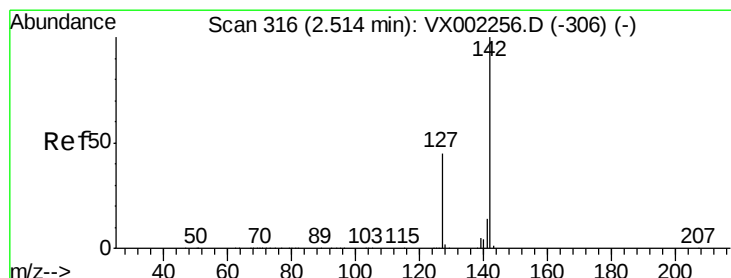
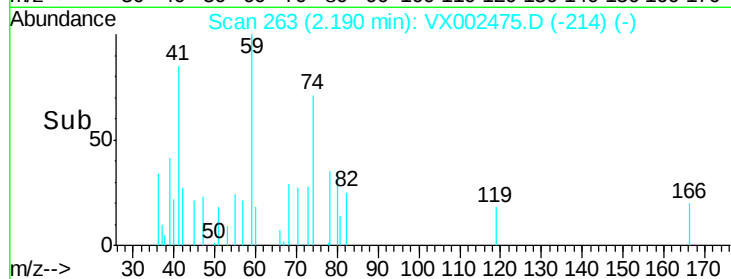
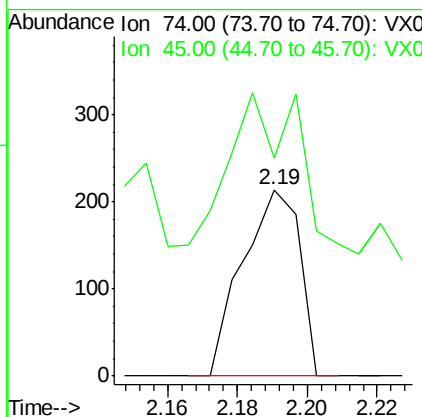
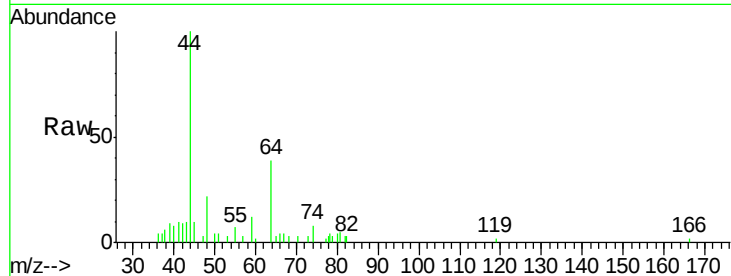




#8
 Diethyl Ether
 Concen: Below Cal
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002475.D
 Acq: 12 Jun 2018 19:04

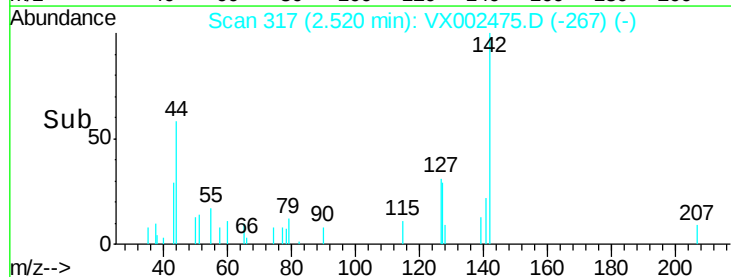
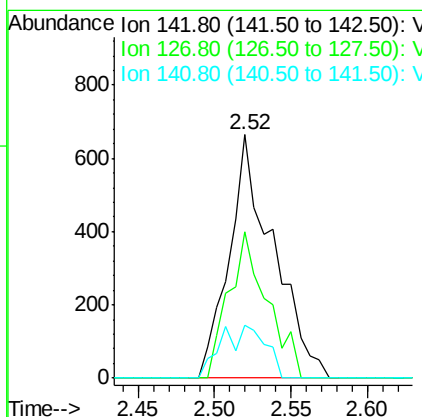
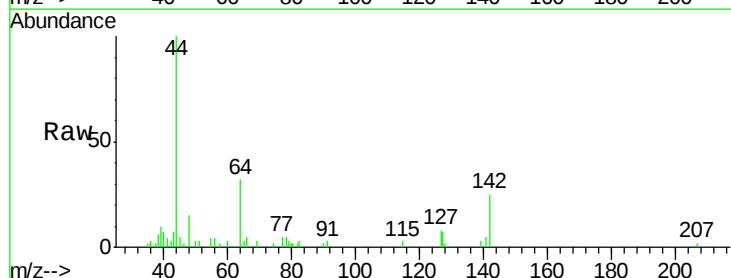
Instrument :
 MSVOA_X
 ClientSampled :

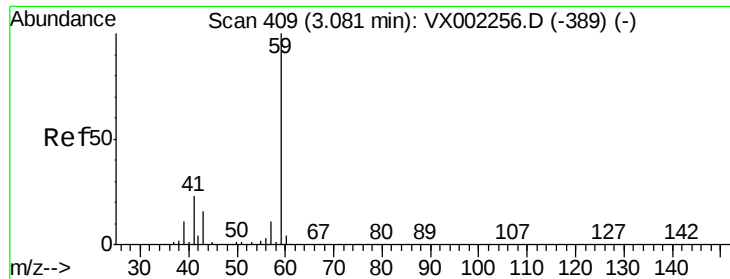
Tot Ion: 74 Resp: 241
 Ion Ratio Lower Upper
 74 100
 45 159.3 53.1 159.4



#10
 Methyl Iodide
 Concen: 0.42 ug/l
 RT: 2.52 min Scan# 317
 Delta R.T. 0.01 min
 Lab File: VX002475.D
 Acq: 12 Jun 2018 19:04

Tgt Ion: 142 Resp: 1330
 Ion Ratio Lower Upper
 142 100
 127 52.5 36.6 55.0
 141 21.6 11.3 16.9#

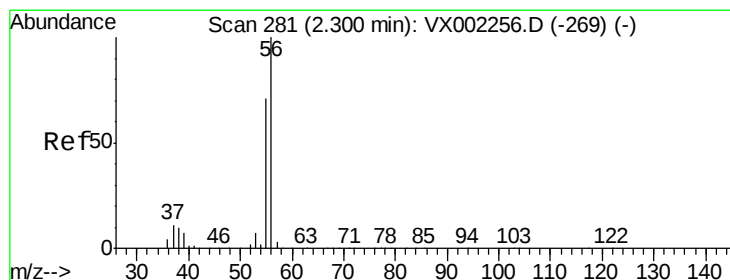
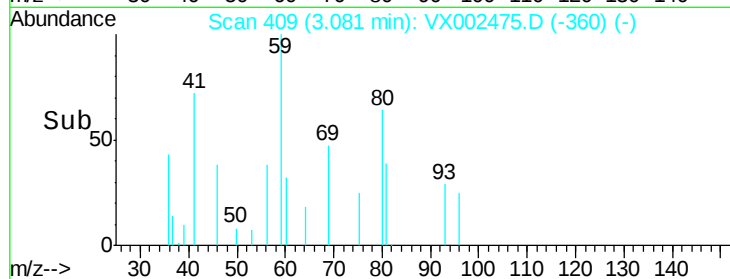
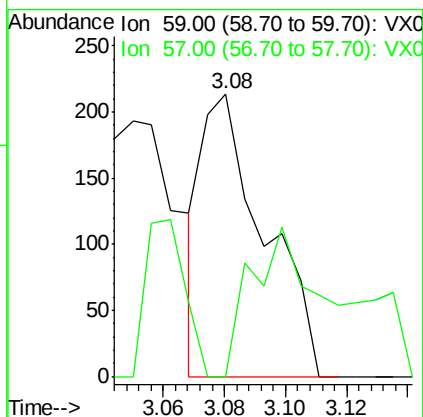
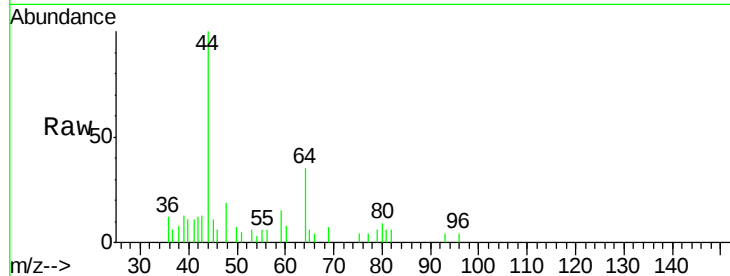




#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002475.D
Acq: 12 Jun 2018 19:04

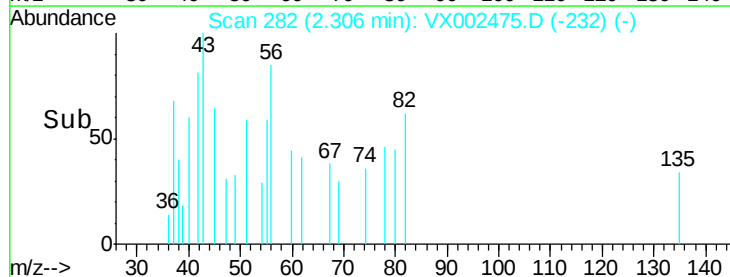
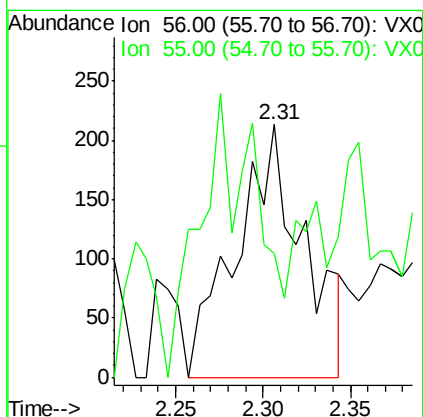
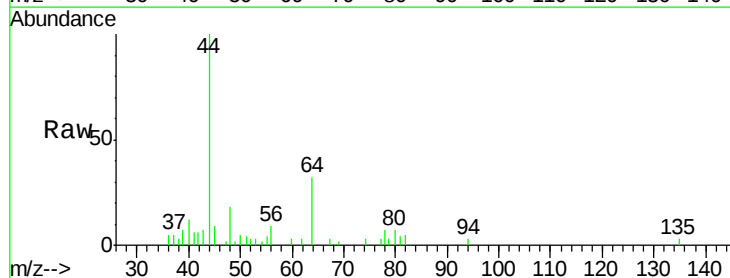
Instrument :
MSVOA_X
ClientSampled :

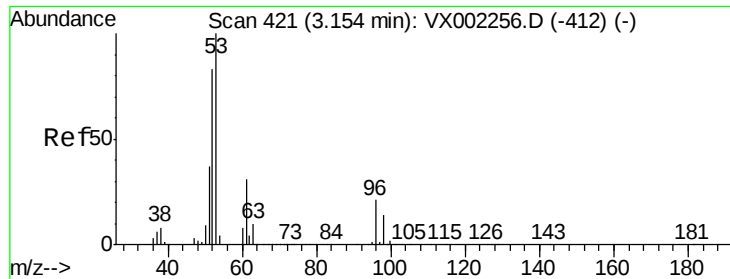
Tot Ion: 59 Resp: 301
Ion Ratio Lower Upper
59 100
57 54.8 8.2 12.2#



#13
Acrolein
Concen: Below Cal
RT: 2.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: VX002475.D
Acq: 12 Jun 2018 19:04

Tgt Ion: 56 Resp: 571
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#

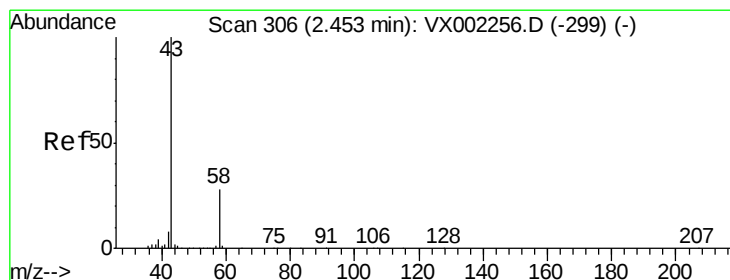
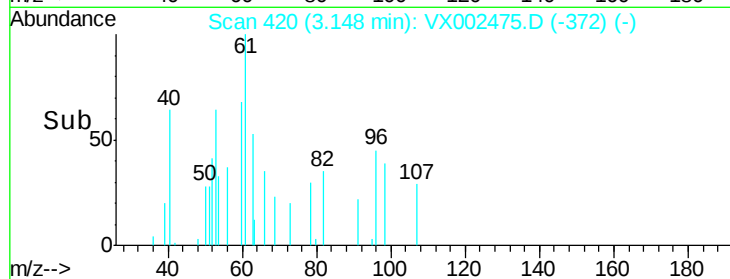
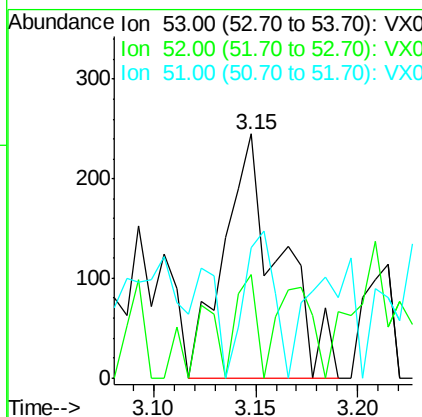
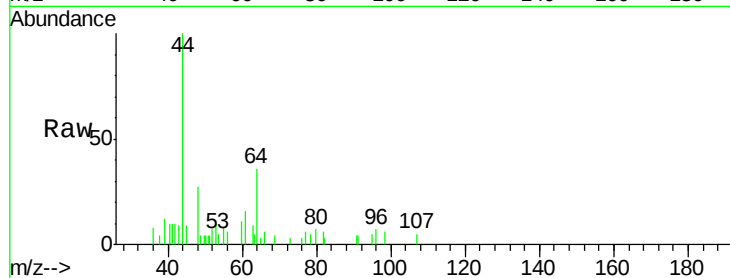




#15
 Acrylonitrile
 Concen: Below Cal
 RT: 3.15 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: VX002475.D
 Acq: 12 Jun 2018 19:04

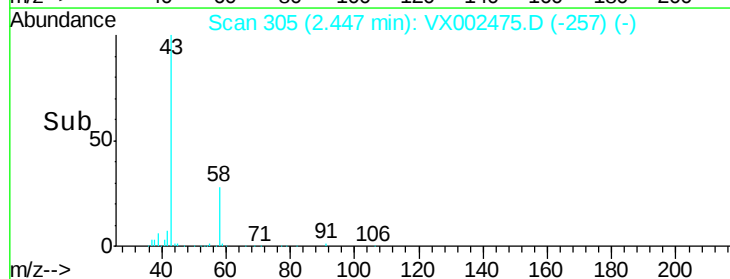
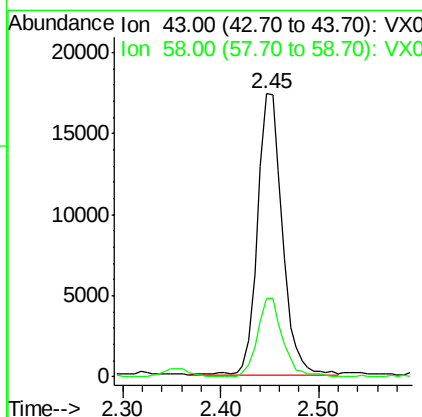
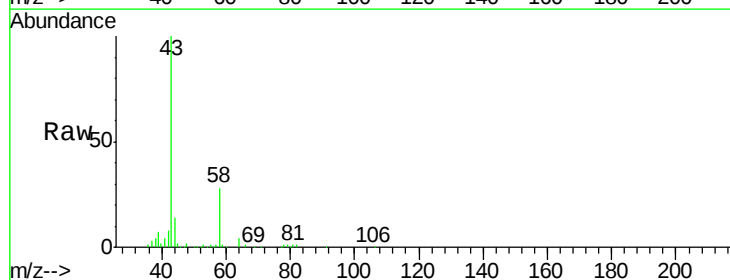
Instrument :
 MSVOA_X
 ClientSampled :

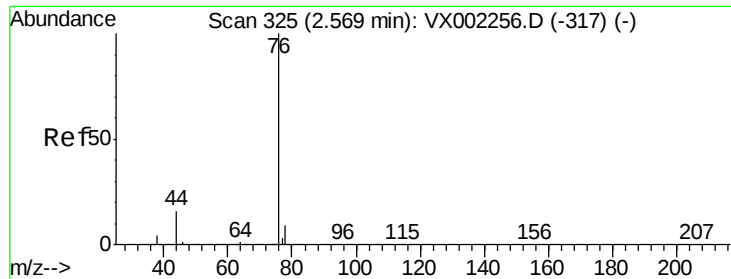
Tot Ion: 53 Resp: 459
 Ion Ratio Lower Upper
 53 100
 52 15.0 66.7 100.1#
 51 32.9 29.9 44.9



#16
 Acetone
 Concen: 5.12 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. -0.01 min
 Lab File: VX002475.D
 Acq: 12 Jun 2018 19:04

Tgt Ion: 43 Resp: 30440
 Ion Ratio Lower Upper
 43 100
 58 27.9 22.1 33.1

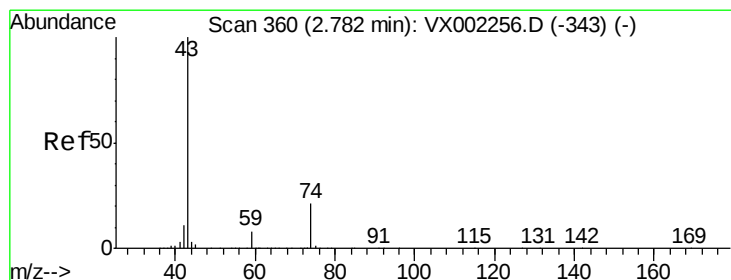
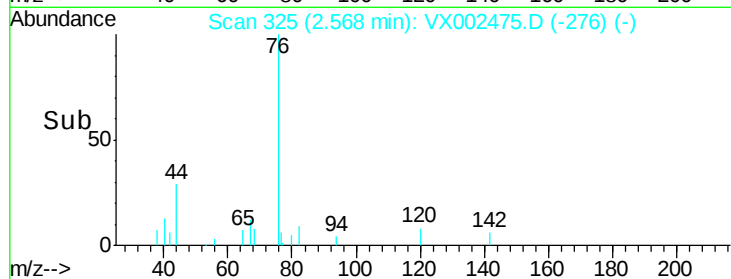
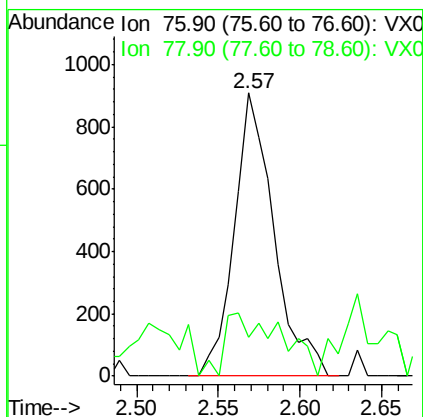
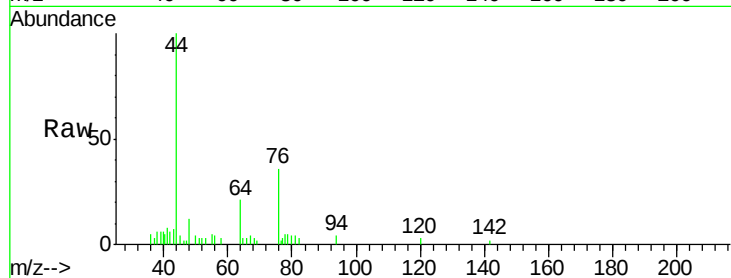




#17
Carbon Disulfide
Concen: 0.27 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002475.D
Acq: 12 Jun 2018 19:04

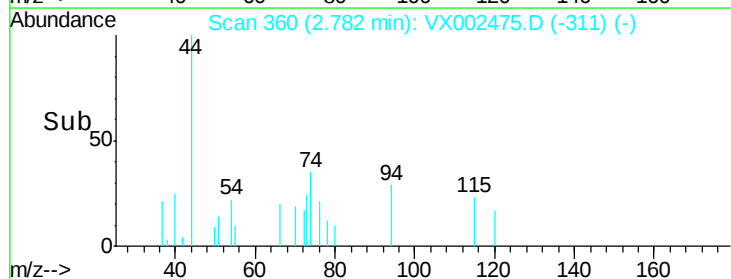
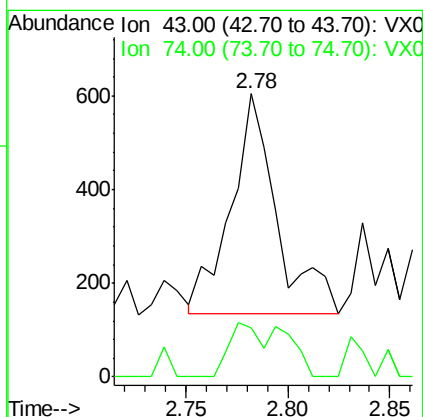
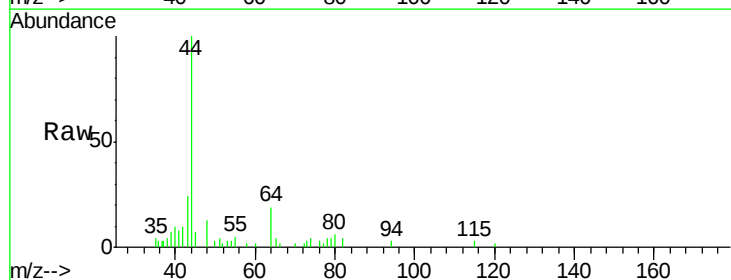
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ClientSampleId :

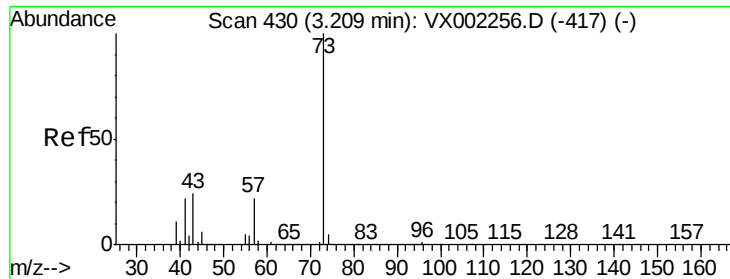
Tot Ion: 76 Resp: 1541
Ion Ratio Lower Upper
76 100
78 5.8 6.9 10.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002475.D
Acq: 12 Jun 2018 19:04

Tgt Ion: 43 Resp: 730
Ion Ratio Lower Upper
43 100
74 16.8 16.7 25.1

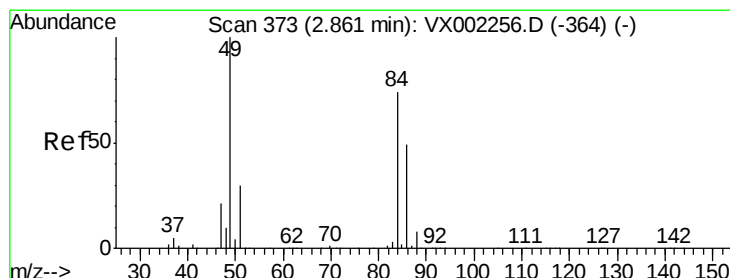
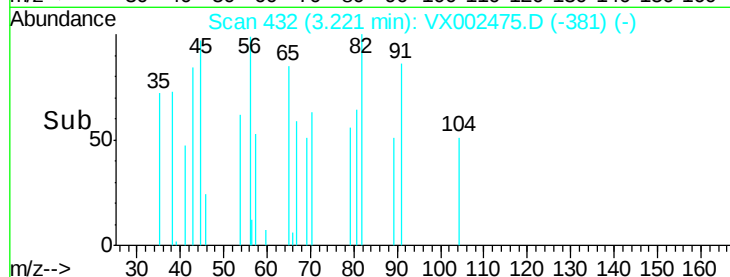
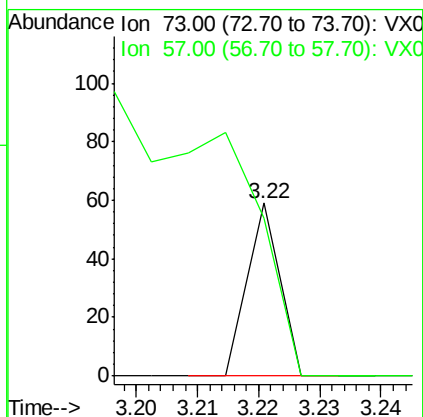
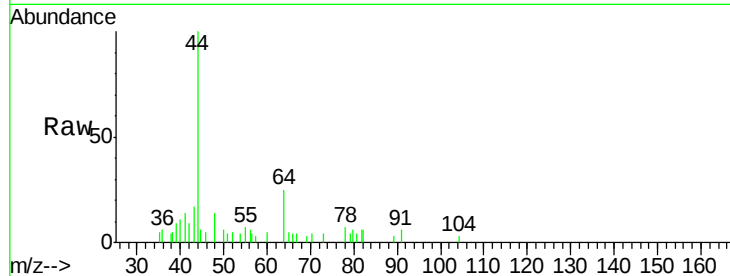




#19
Methvl tert-butvl Ether
Concen: Below Cal
RT: 3.22 min Scan# 432
Delta R.T. 0.01 min
Lab File: VX002475.D
Acq: 12 Jun 2018 19:04

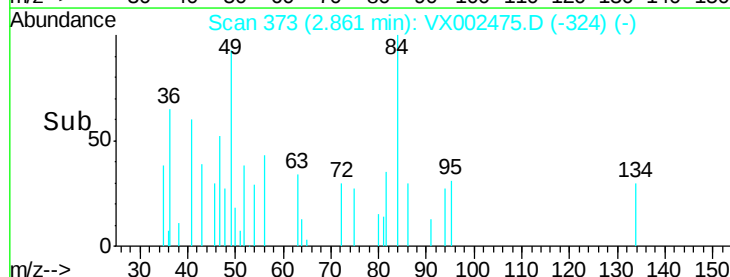
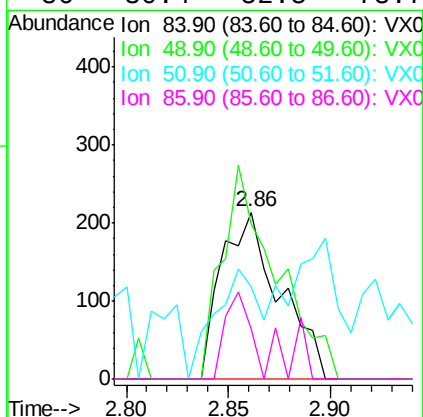
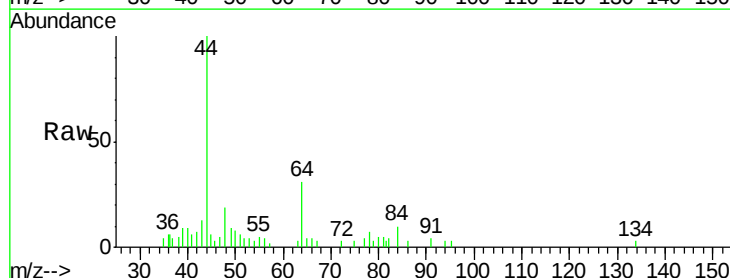
Instrument :
MSVOA_X
ClientSampleId :

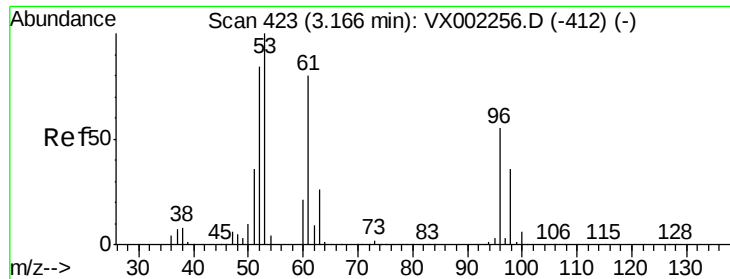
Tot Ion: 73 Resp: 22
Ion Ratio Lower Upper
73 100
57 91.5 17.7 26.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002475.D
Acq: 12 Jun 2018 19:04

Tgt Ion: 84 Resp: 425
Ion Ratio Lower Upper
84 100
49 93.0 107.8 161.6#
51 55.6 32.8 49.2#
86 30.4 52.5 78.7#





#21

trans-1,2-Dichloroethene

Concen: 0.41 ug/l

RT: 3.17 min Scan# 423

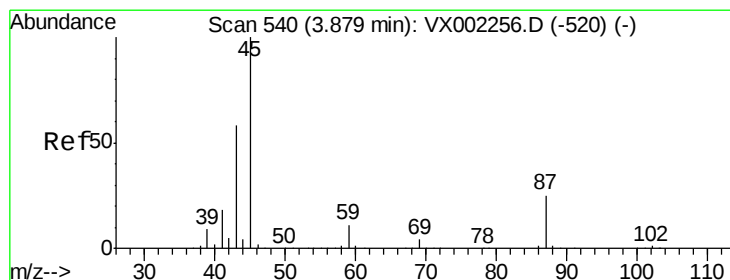
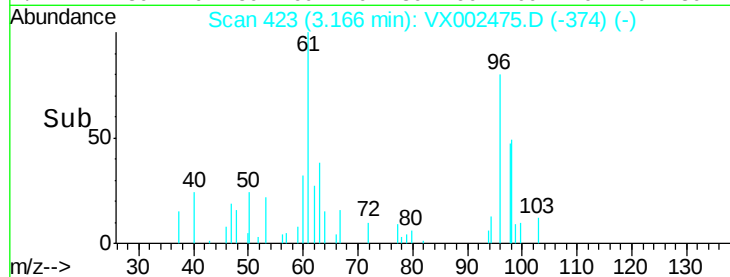
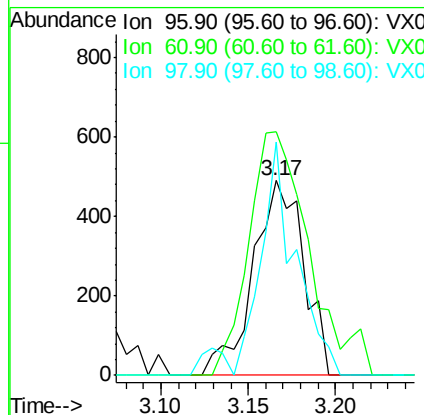
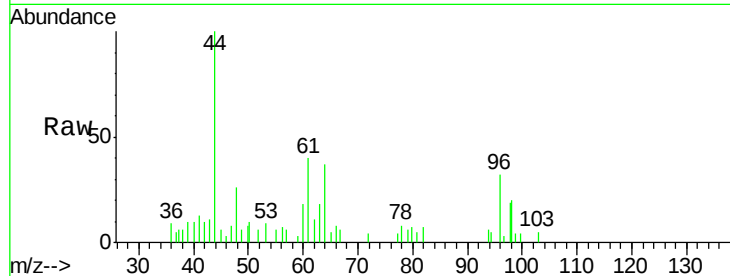
Delta R.T. -0.00 min

Lab File: VX002475.D

Acq: 12 Jun 2018 19:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 991
Ion Ratio Lower Upper
96 100
61 125.1 117.0 175.4
98 120.2 52.4 78.6#



#22

Diisopropyl ether

Concen: Below Cal

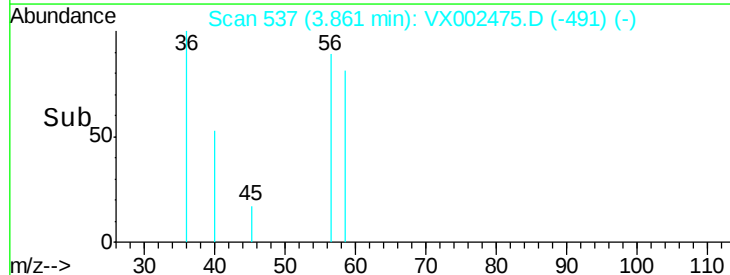
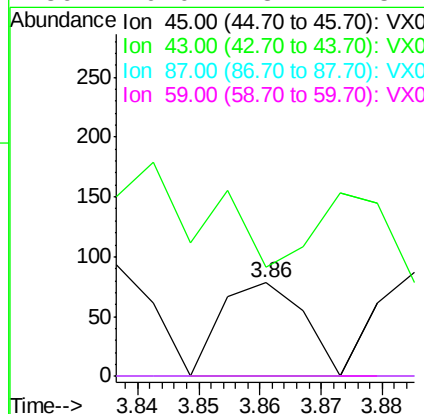
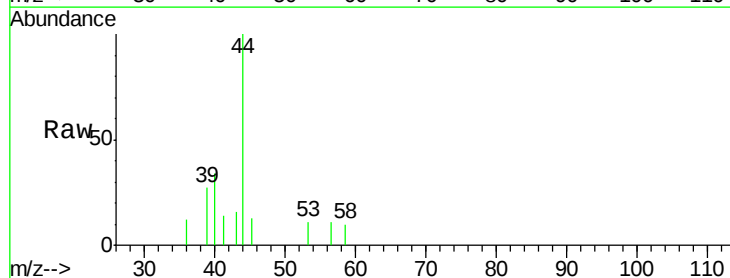
RT: 3.86 min Scan# 537

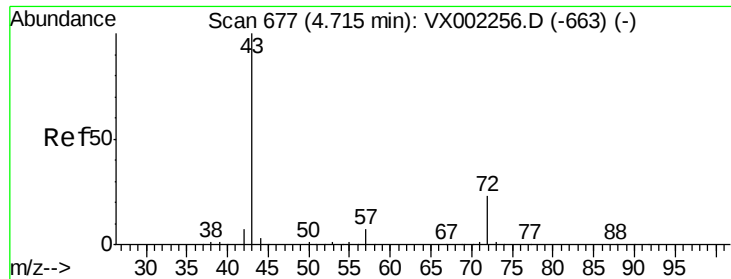
Delta R.T. -0.02 min

Lab File: VX002475.D

Acq: 12 Jun 2018 19:04

Tgt Ion: 45 Resp: 73
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: 38.03 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002475.D

Acq: 12 Jun 2018 19:04

Instrument :

MSVOA_X

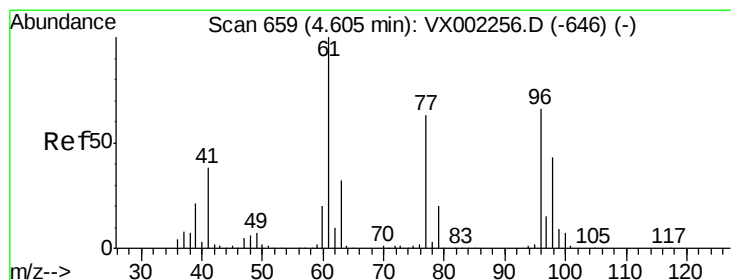
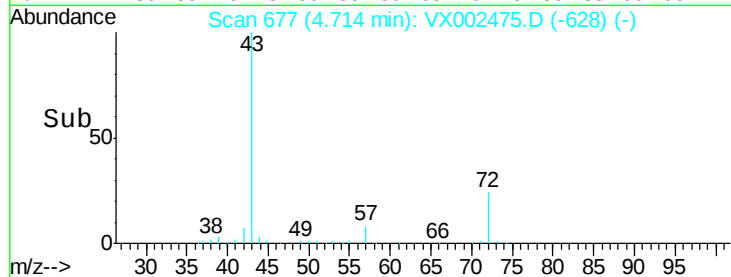
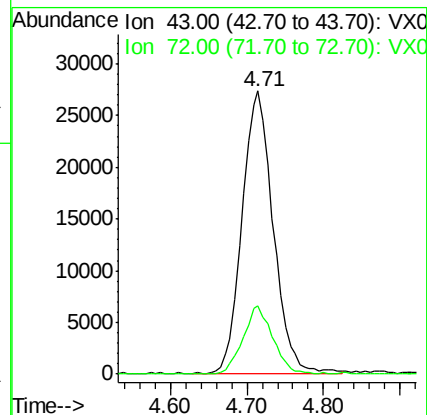
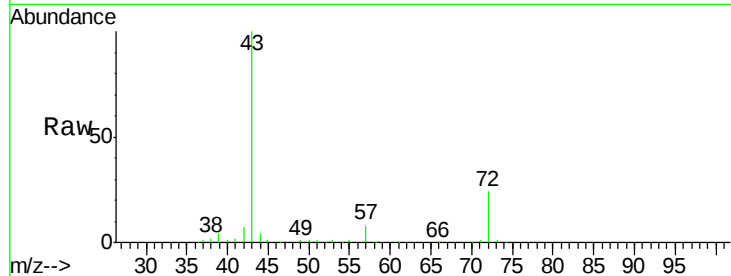
ClientSampleId :

Tot Ion: 43 Resp: 77223

Ion Ratio Lower Upper

43 100

72 24.1 18.5 27.7



#27

cis-1,2-Dichloroethene

Concen: 0.87 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002475.D

Acq: 12 Jun 2018 19:04

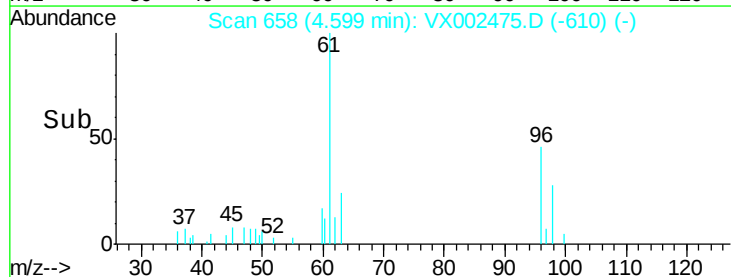
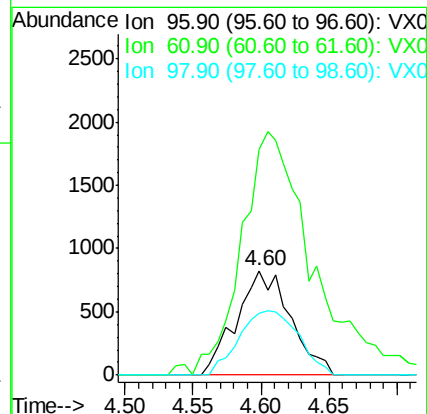
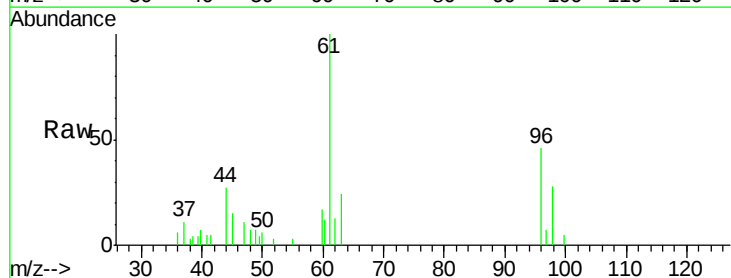
Tgt Ion: 96 Resp: 2290

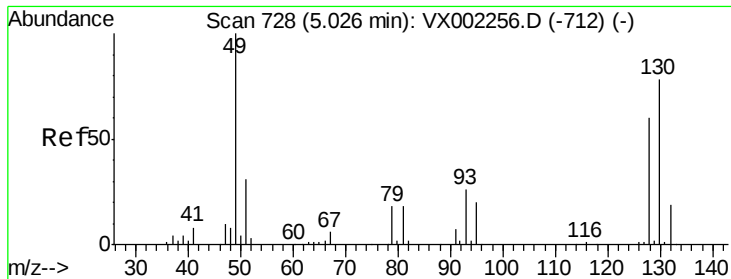
Ion Ratio Lower Upper

96 100

61 310.0 0.0 330.2

98 68.1 0.0 130.2





#28

Bromochloromethane

Concen: Below Cal

RT: 5.04 min Scan# 730

Delta R.T. 0.01 min

Lab File: VX002475.D

Acq: 12 Jun 2018 19:04

Instrument :

MSVOA_X

ClientSampleId :

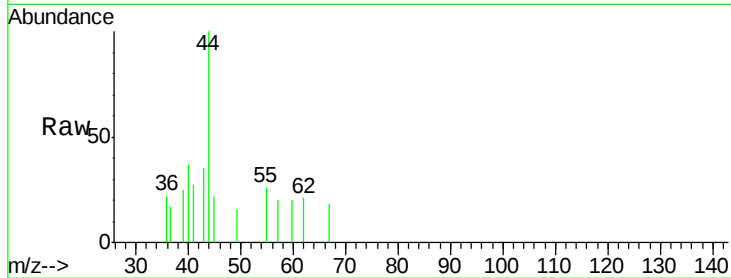
Tot Ion: 49 Resp: 20

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

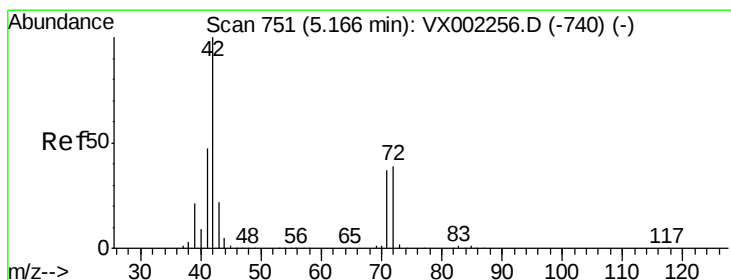
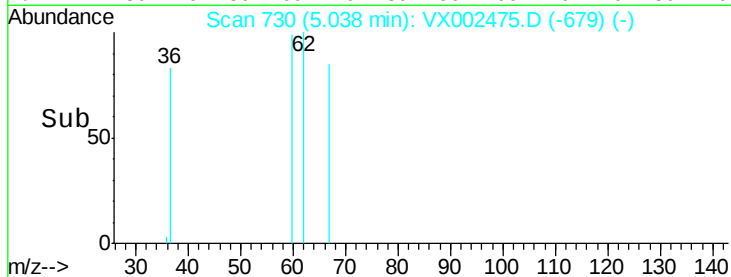
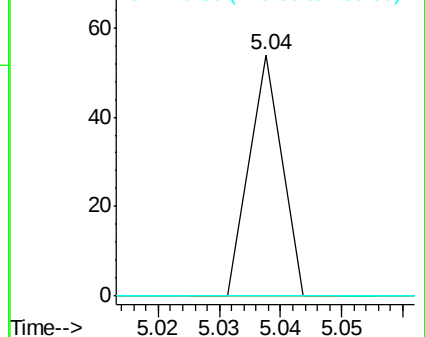
130 0.0 61.2 91.8#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 4.50 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.02 min

Lab File: VX002475.D

Acq: 12 Jun 2018 19:04

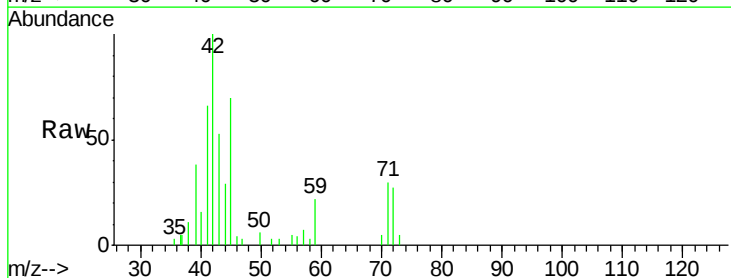
Tgt Ion: 42 Resp: 5889

Ion Ratio Lower Upper

42 100

72 42.5 32.0 48.0

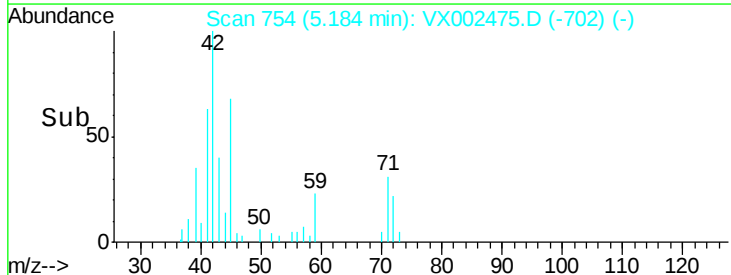
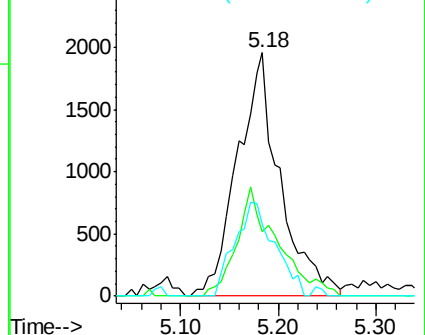
71 36.3 30.1 45.1

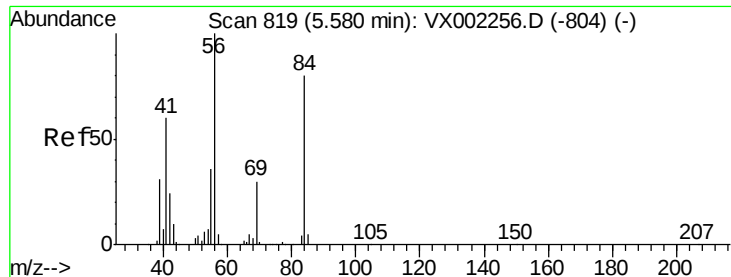


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

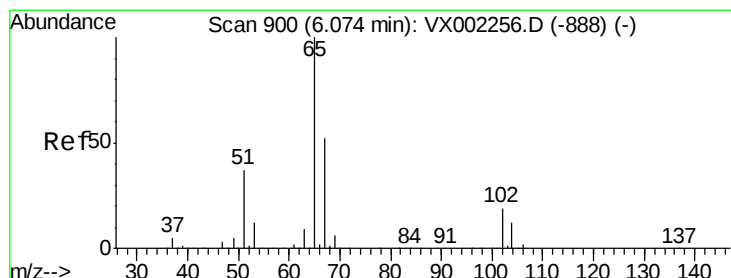
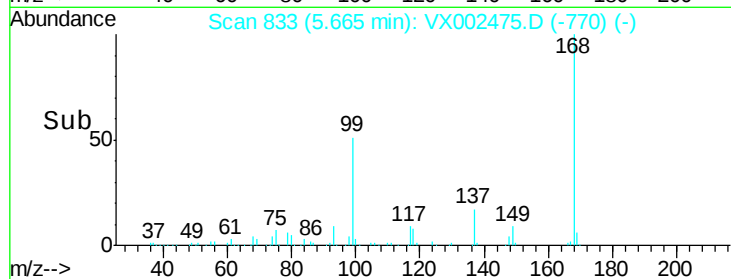
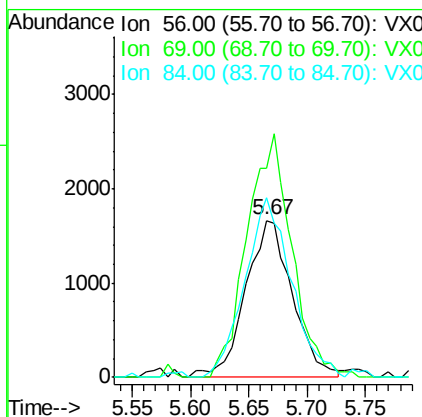
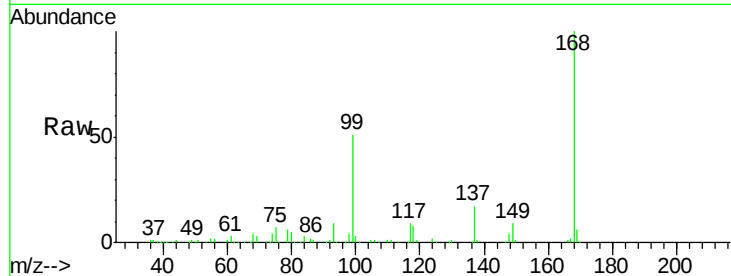




#31
Cyclohexane
Concen: 1.24 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX002475.D
Acq: 12 Jun 2018 19:04

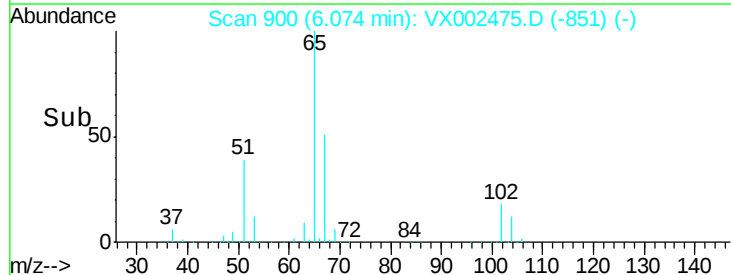
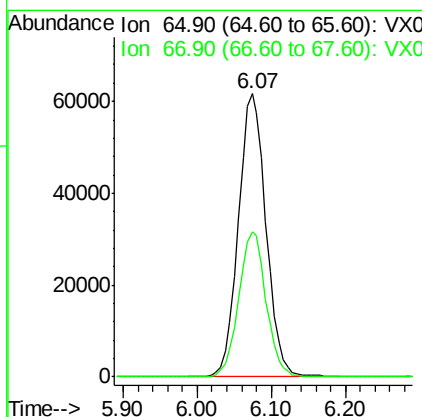
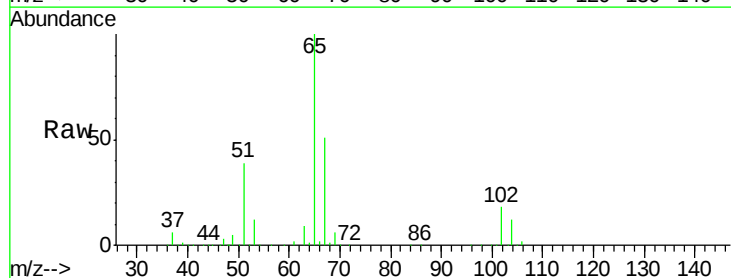
Instrument :
MSVOA_X
ClientSampleId :

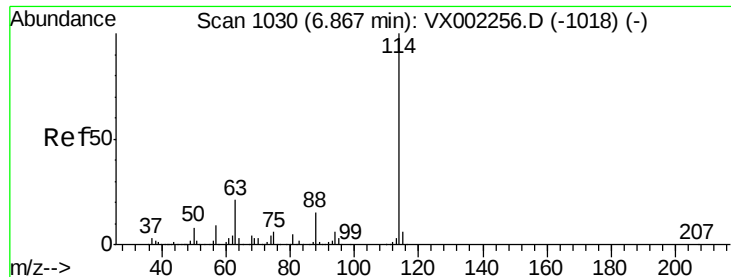
Tot Ion	56	Resp	4645
Ion Ratio	Lower	Upper	
56	100		
69	133.7	23.7	35.5#
84	114.5	64.1	96.1#



#33
1,2-Dichloroethane-d4
Concen: 54.44 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002475.D
Acq: 12 Jun 2018 19:04

Tgt Ion	65	Resp	160291
Ion Ratio	Lower	Upper	
65	100		
67	50.7	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: VX002475.D

Acq: 12 Jun 2018 19:04

Instrument :
MSVOA_X
ClientSampleId :

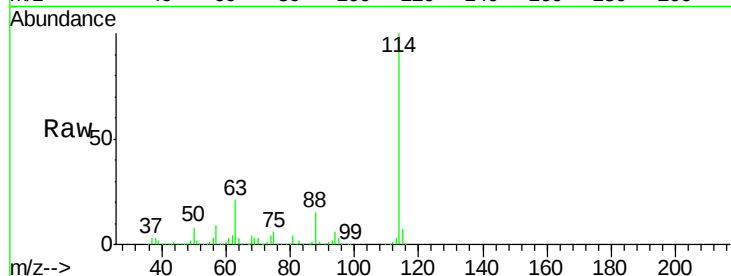
Tot Ion:114 Resp: 300161

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

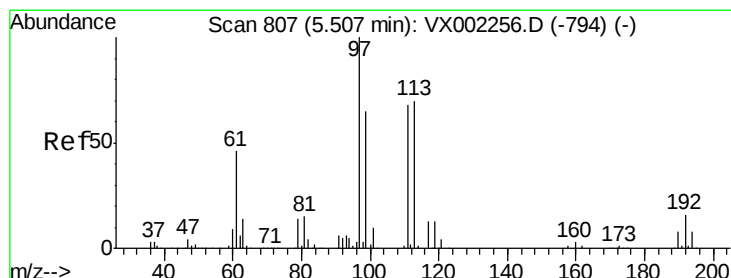
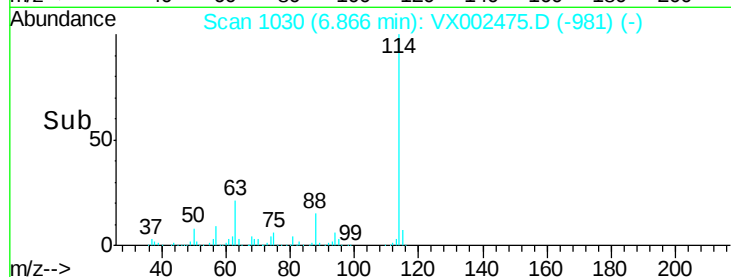
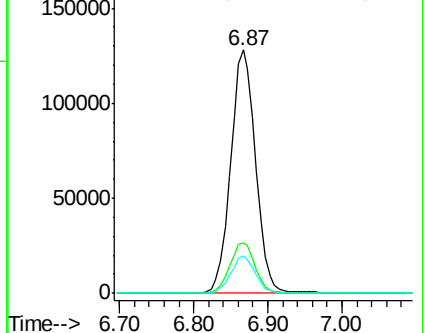
88 15.4 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 51.14 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002475.D

Acq: 12 Jun 2018 19:04

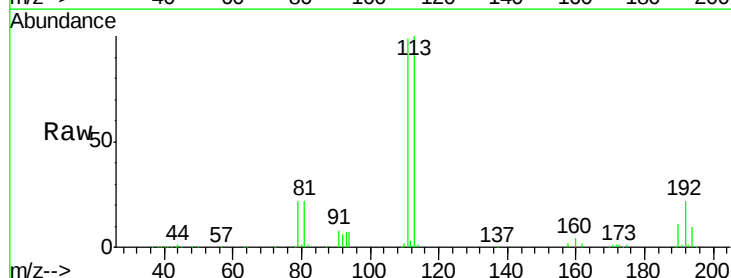
Tgt Ion:113 Resp: 120715

Ion Ratio Lower Upper

113 100

111 101.4 81.4 122.0

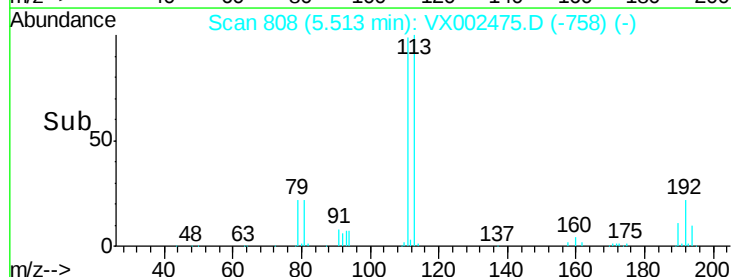
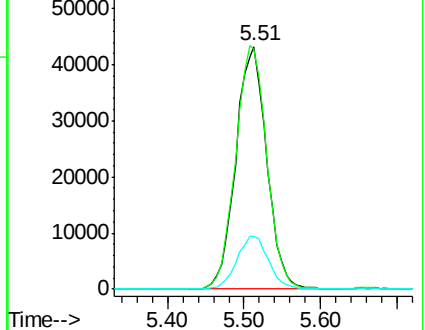
192 22.5 19.1 28.7

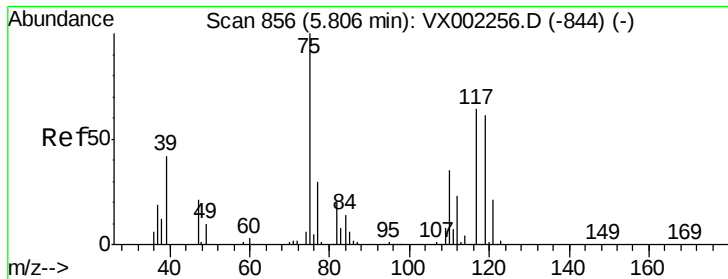


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.70 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.14 min

Lab File: VX002475.D

Acq: 12 Jun 2018 19:04

Instrument :

MSVOA_X

ClientSampleId :

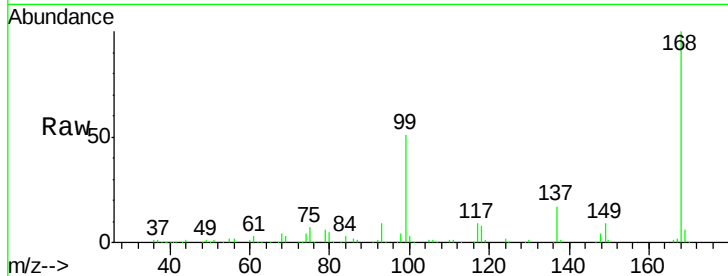
Tot Ion: 75 Resp: 14839

Ion Ratio Lower Upper

75 100

110 10.6 18.1 54.4#

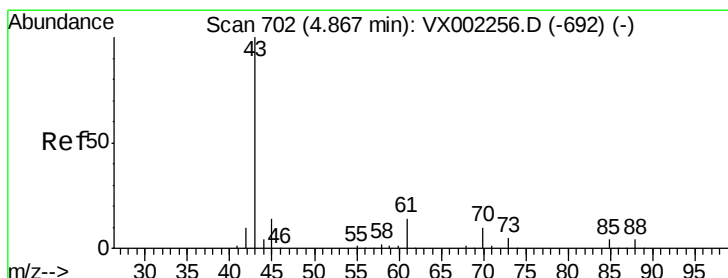
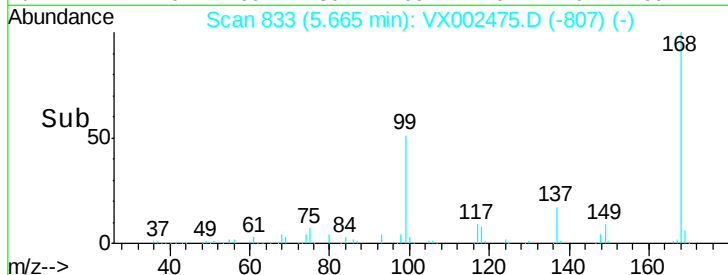
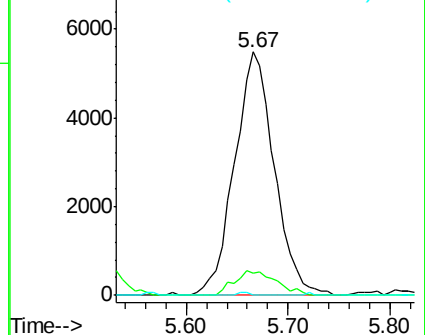
77 0.3 24.3 36.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#37

Ethyl Acetate

Concen: 20.35 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.15 min

Lab File: VX002475.D

Acq: 12 Jun 2018 19:04

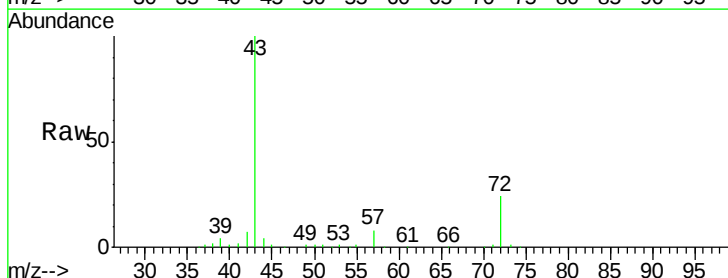
Tgt Ion: 43 Resp: 77223

Ion Ratio Lower Upper

43 100

61 0.0 10.4 15.6#

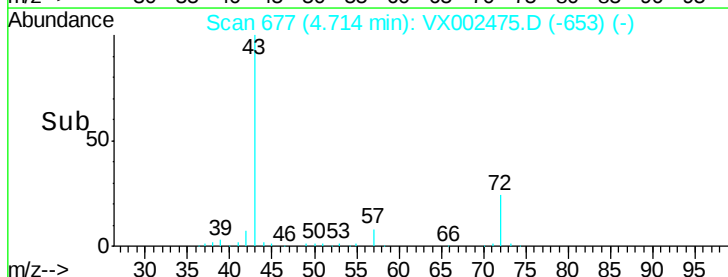
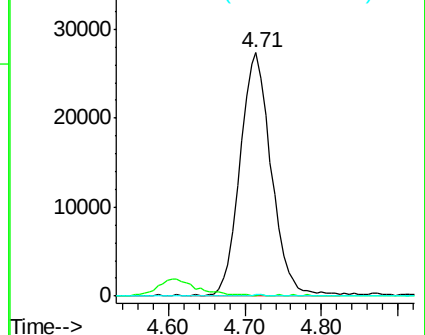
70 0.2 7.6 11.4#

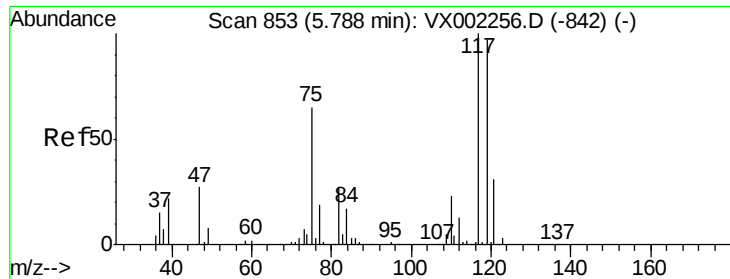


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0

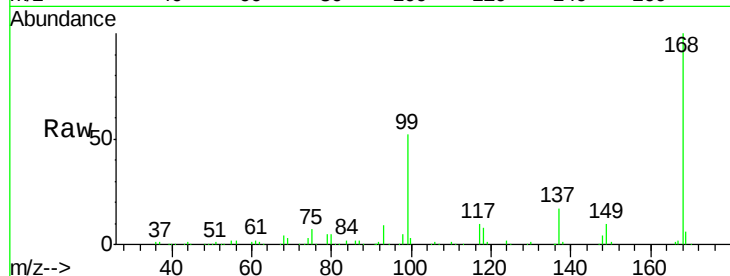




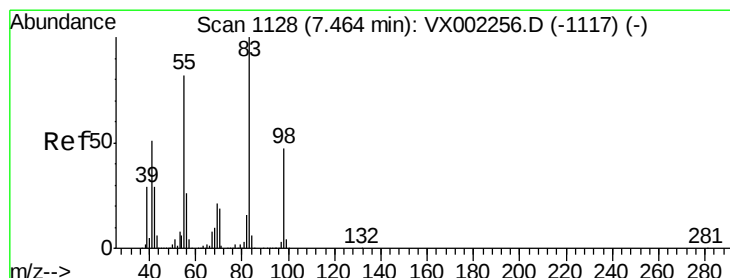
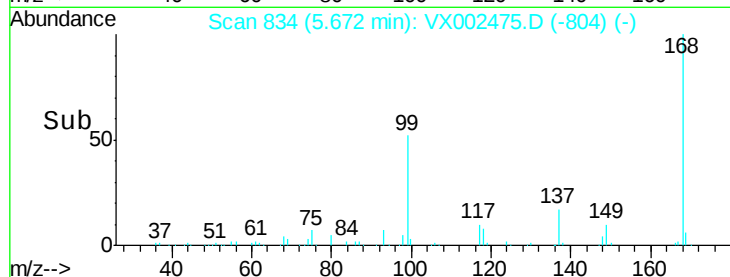
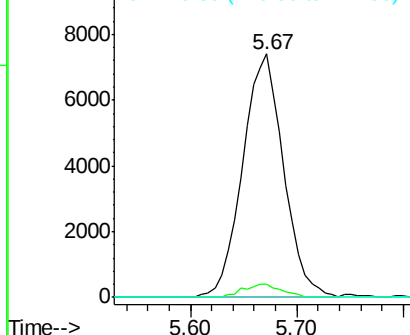
#38
Carbon Tetrachloride
Concen: 6.04 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX002475.D
Acq: 12 Jun 2018 19:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 19945
Ion Ratio Lower Upper
117 100
119 5.3 77.4 116.0#
121 0.0 24.4 36.6#

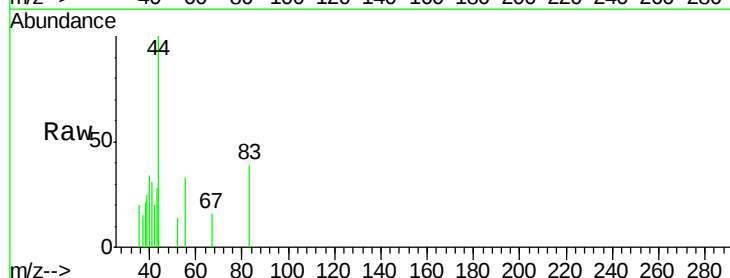


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

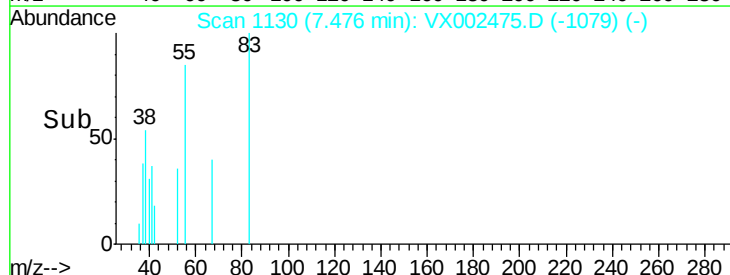
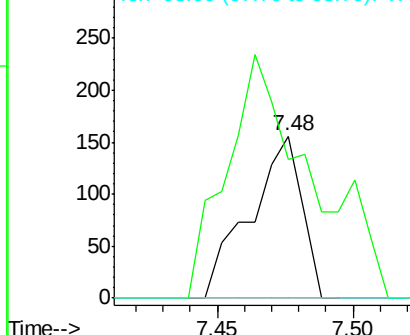


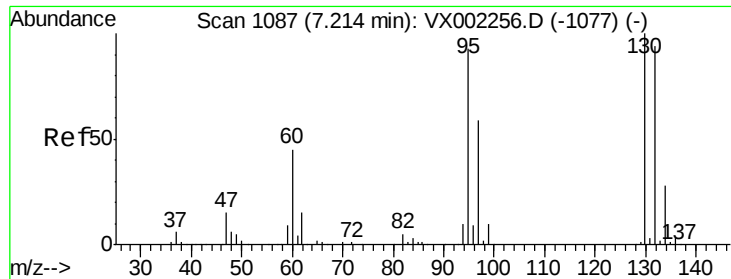
#39
Methylcyclohexane
Concen: 0.32 ug/l
RT: 7.48 min Scan# 1130
Delta R.T. 0.01 min
Lab File: VX002475.D
Acq: 12 Jun 2018 19:04

Tgt Ion: 83 Resp: 206
Ion Ratio Lower Upper
83 100
55 85.3 65.4 98.0
98 0.0 37.4 56.0#



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#44

Trichloroethene

Concen: 0.25 ug/l

RT: 7.21 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX002475.D

Acq: 12 Jun 2018 19:04

Instrument :

MSVOA_X

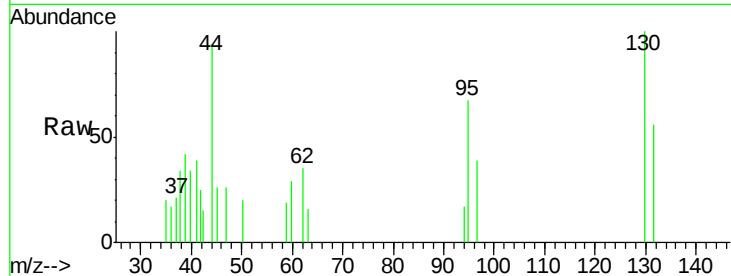
ClientSampleId :

Tot Ion:130 Resp: 666

Ion Ratio Lower Upper

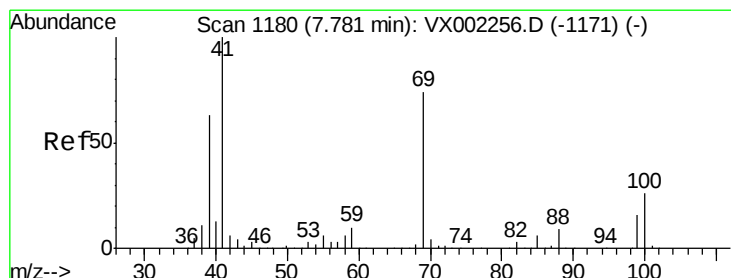
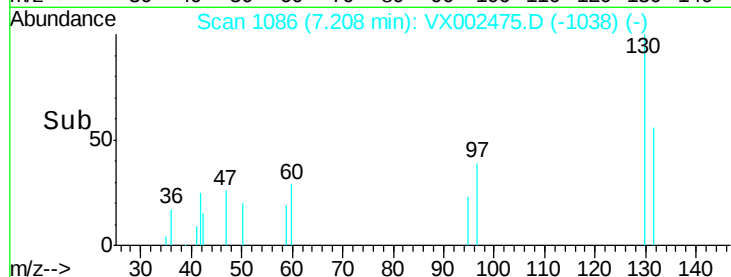
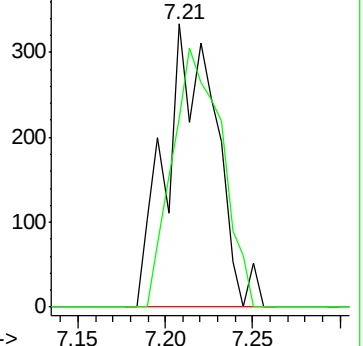
130 100

95 66.7 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#48

Methyl methacrylate

Concen: 0.31 ug/l

RT: 7.73 min Scan# 1172

Delta R.T. -0.05 min

Lab File: VX002475.D

Acq: 12 Jun 2018 19:04

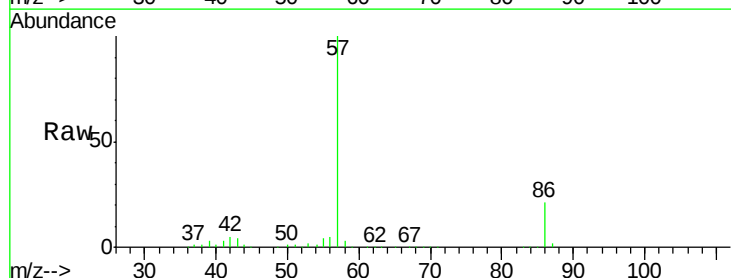
Tgt Ion: 41 Resp: 989

Ion Ratio Lower Upper

41 100

69 9.4 59.1 88.7#

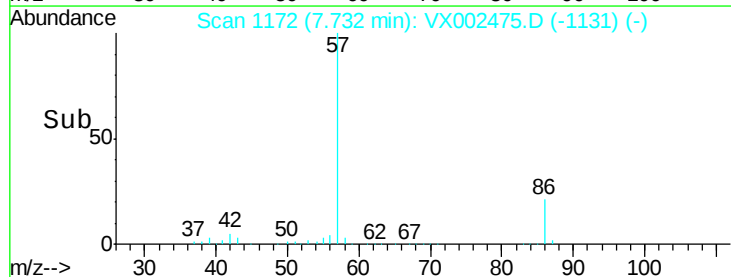
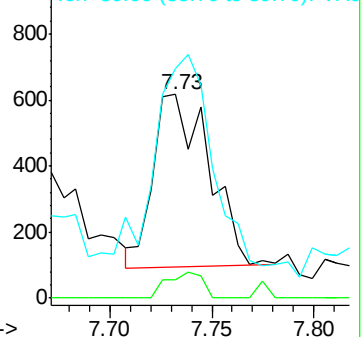
39 138.1 48.9 73.3#

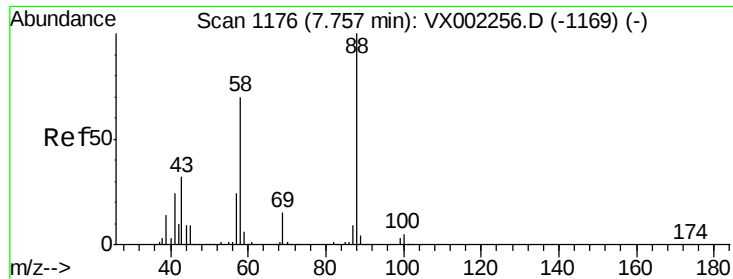


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 0.31 ug/l

RT: 7.74 min Scan# 1173

Delta R.T. -0.02 min

Lab File: VX002475.D

Acq: 12 Jun 2018 19:04

Instrument :

MSVOA_X

ClientSampled :

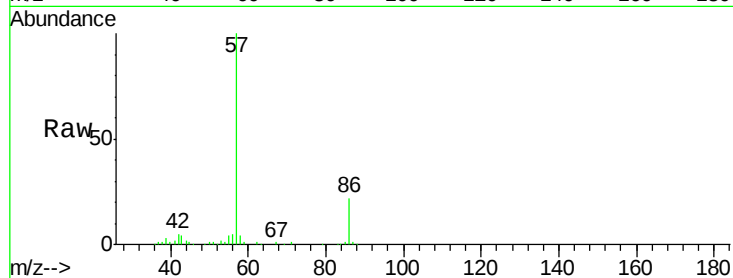
Tot Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 5952.6 29.8 44.6#

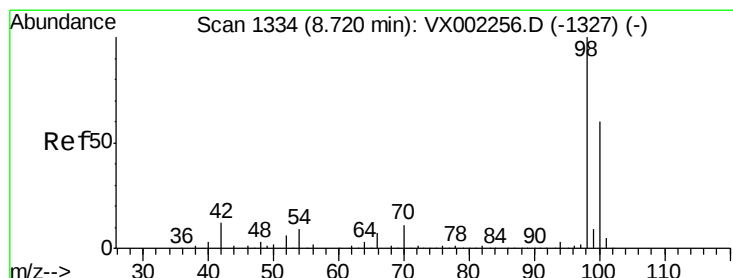
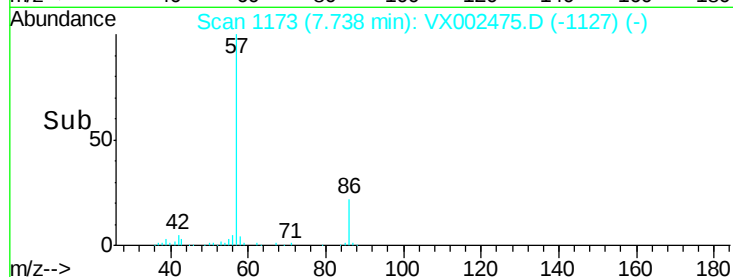
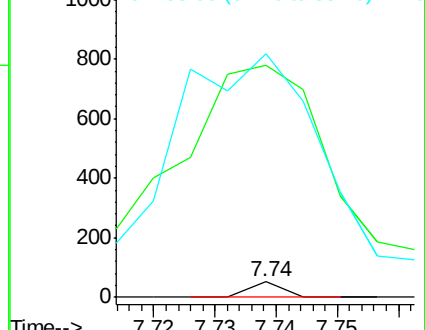
58 8510.5 57.1 85.7#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.82 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002475.D

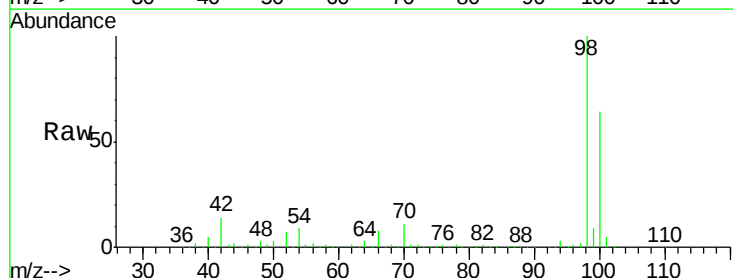
Acq: 12 Jun 2018 19:04

Tgt Ion: 98 Resp: 468847

Ion Ratio Lower Upper

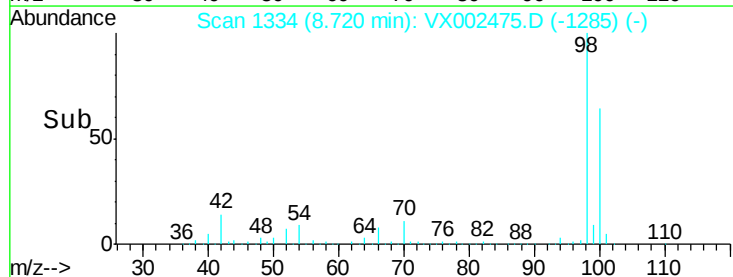
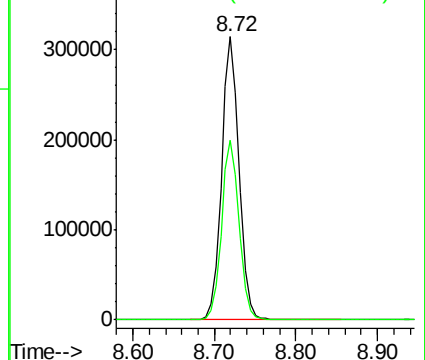
98 100

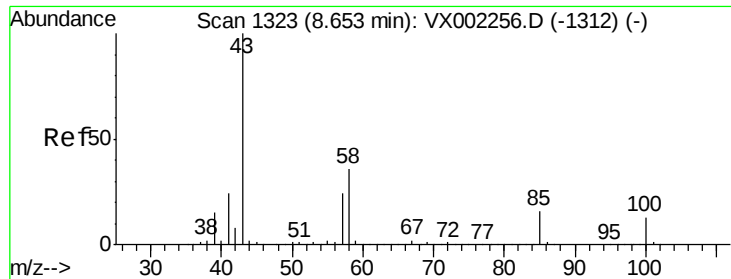
100 63.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 1.56 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002475.D

Acq: 12 Jun 2018 19:04

Instrument :

MSVOA_X

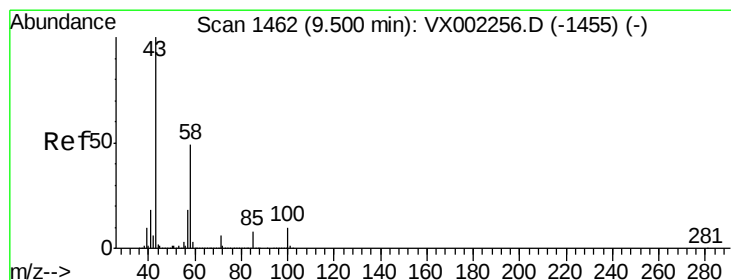
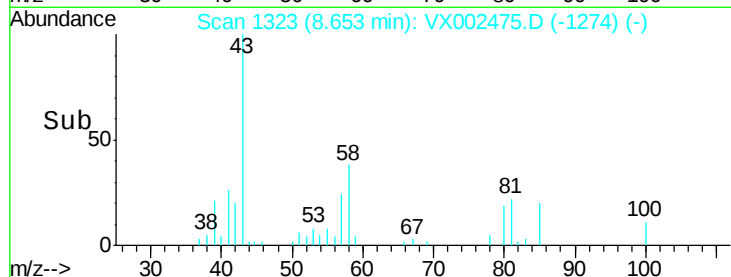
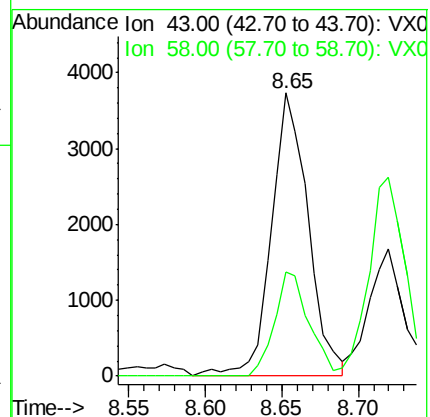
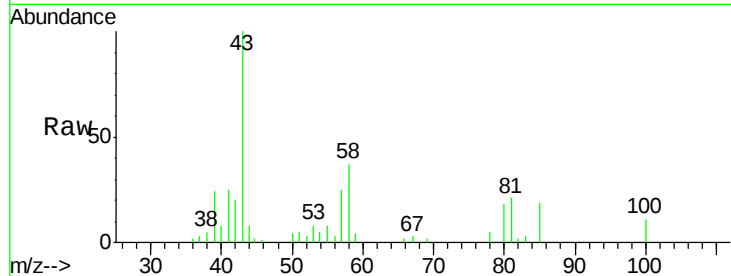
ClientSampleId :

Tot Ion: 43 Resp: 6271

Ion Ratio Lower Upper

43 100

58 34.2 28.6 42.8



#59

2-Hexanone

Concen: 0.82 ug/l

RT: 9.51 min Scan# 1463

Delta R.T. 0.01 min

Lab File: VX002475.D

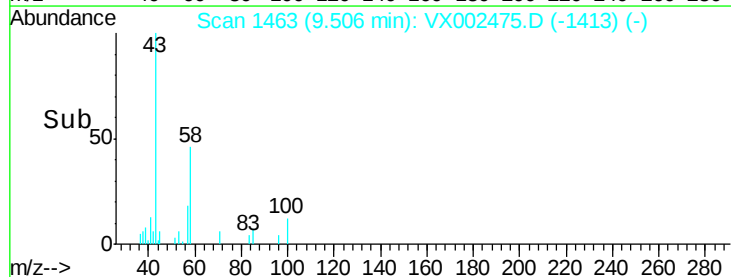
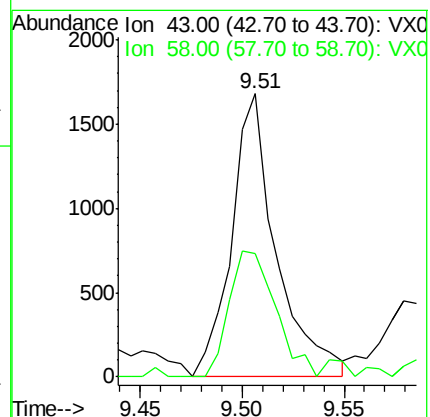
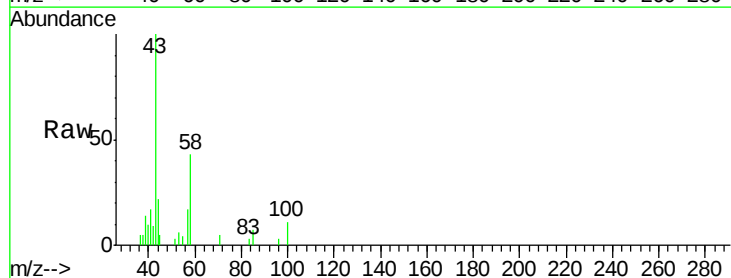
Acq: 12 Jun 2018 19:04

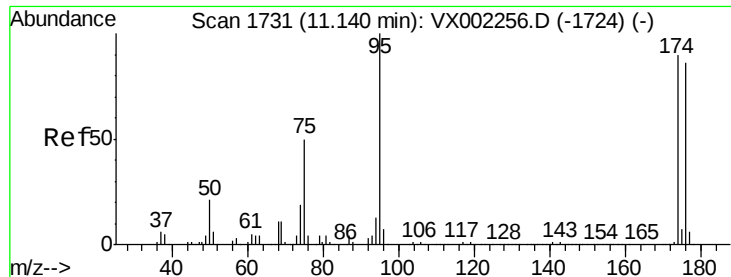
Tgt Ion: 43 Resp: 2546

Ion Ratio Lower Upper

43 100

58 46.3 24.6 73.6

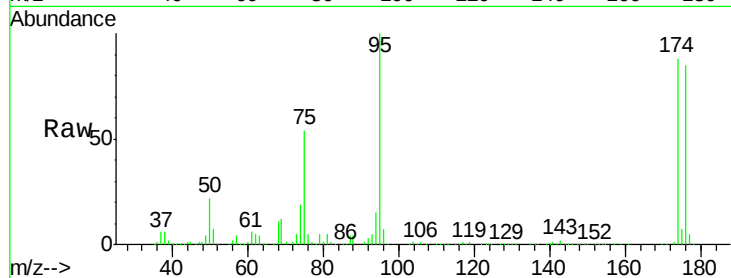




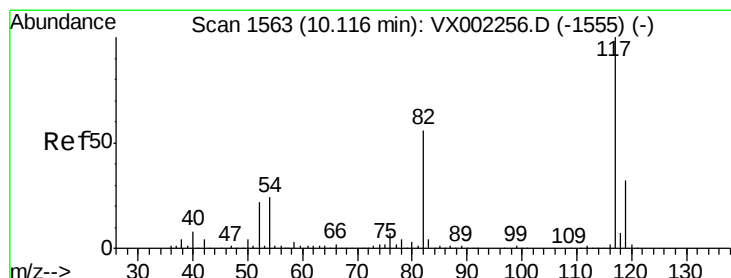
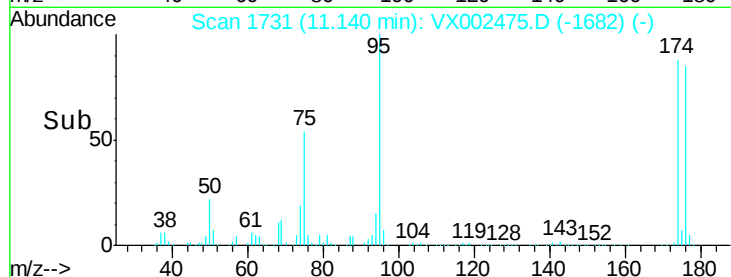
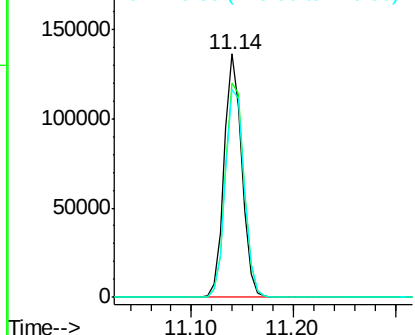
#62
4-Bromofluorobenzene
Concen: 47.09 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002475.D
Acq: 12 Jun 2018 19:04

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 95 Resp: 164306
Ion Ratio Lower Upper
95 100
174 93.1 0.0 187.4
176 90.8 0.0 181.0

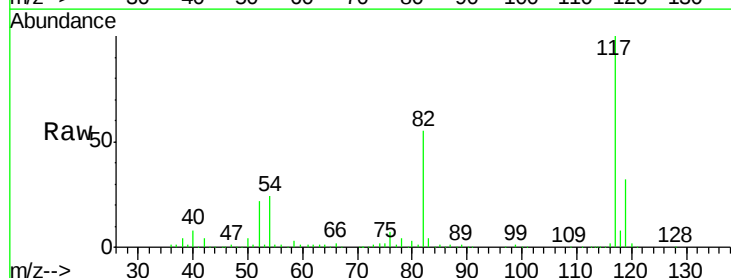


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

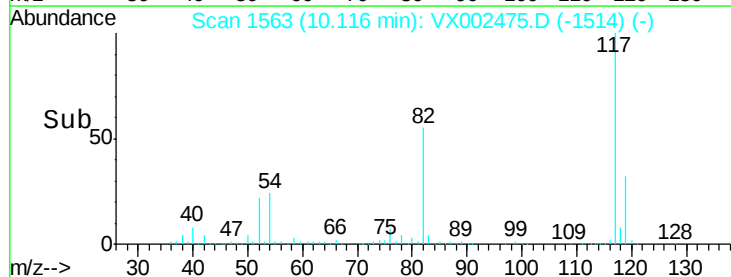
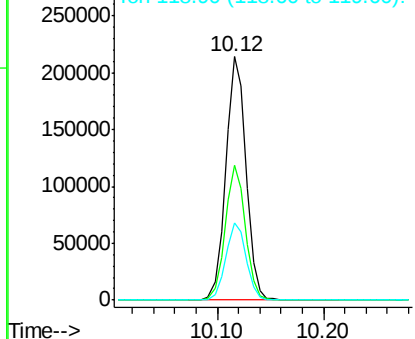


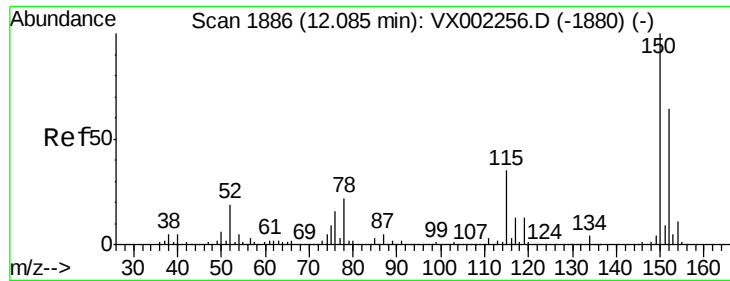
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002475.D
Acq: 12 Jun 2018 19:04

Tgt Ion: 117 Resp: 284415
Ion Ratio Lower Upper
117 100
82 55.3 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): 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: VX002475.D

Acq: 12 Jun 2018 19:04

Instrument :

MSVOA_X

ClientSampleId :

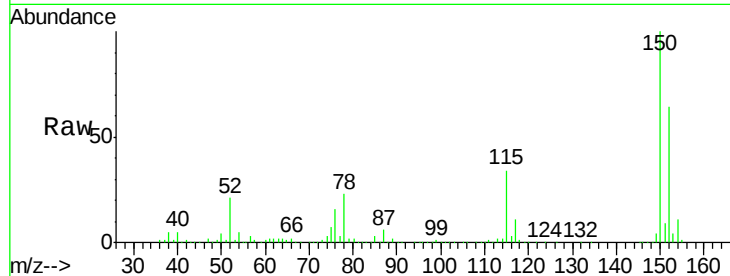
Tot Ion:152 Resp: 159735

Ion Ratio Lower Upper

152 100

115 55.4 40.1 120.2

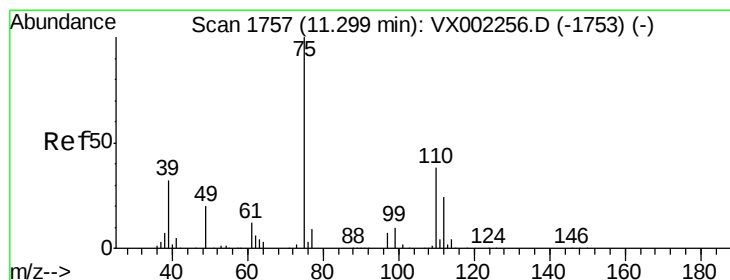
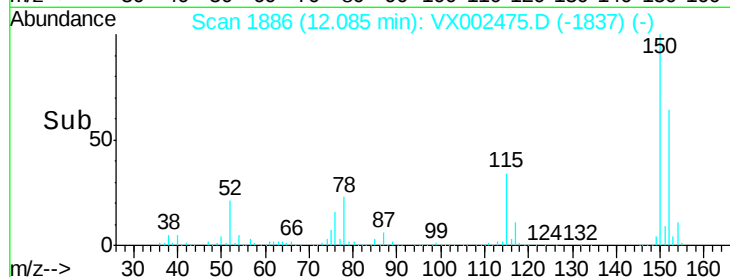
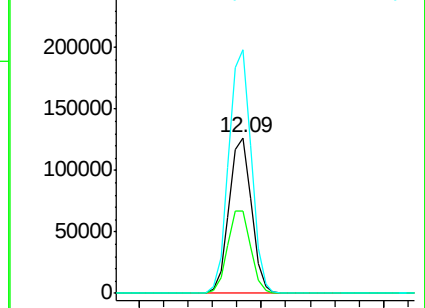
150 157.5 0.0 347.2



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: 25.09 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002475.D

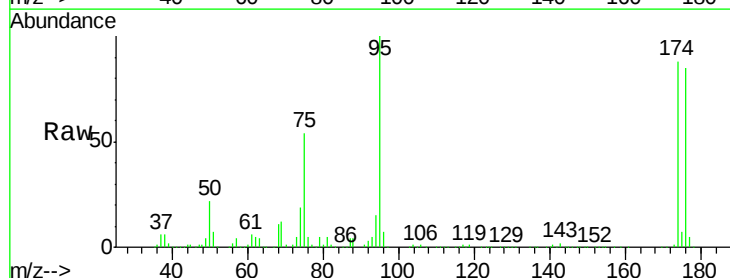
Acq: 12 Jun 2018 19:04

Tgt Ion: 75 Resp: 87954

Ion Ratio Lower Upper

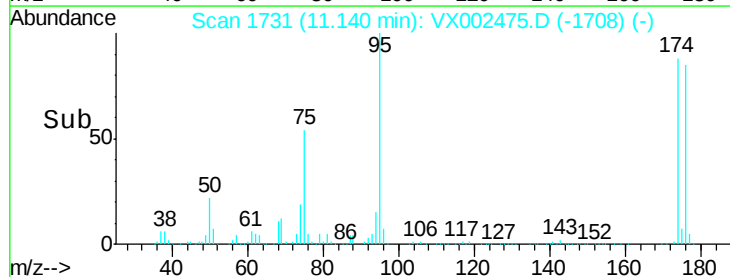
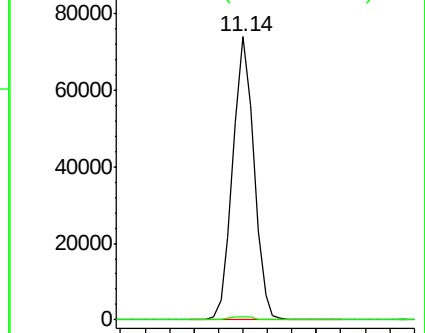
75 100

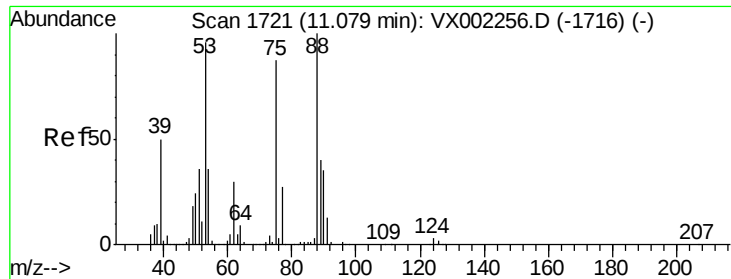
77 1.3 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 87.96 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002475.D

Acq: 12 Jun 2018 19:04

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 87954

Ion Ratio Lower Upper

75 100

53 0.1 86.8 130.2#

89 0.0 38.2 57.2#

