

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002529.D
 Acq On : 14 Jun 2018 01:21
 Operator : JC/MD
 Sample : J3413-04
 Misc : 6.70g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 14 03:35:31 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	5.66	168	230160	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.87	114	335722	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	329926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	214191	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	149425	45.06	ug/l	0.00
Spiked Amount						
			Recovery	=	90.12%	
35) Dibromofluoromethane	5.51	113	112036	42.44	ug/l	0.00
Spiked Amount						
			Recovery	=	84.88%	
50) Toluene-d8	8.72	98	482839	47.71	ug/l	0.00
Spiked Amount						
			Recovery	=	95.42%	
62) 4-Bromofluorobenzene	11.15	95	201136	51.54	ug/l	0.00
Spiked Amount						
			Recovery	=	103.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.34	50	671	Below Cal	#	43
5) Bromomethane	1.64	94	2186	Below Cal		85
8) Diethyl Ether	2.20	74	157	Below Cal		56
10) Methyl Iodide	2.49	142	3348	0.96	ug/l #	91
11) Tert butyl alcohol	3.02	59	11620	Below Cal	#	73
13) Acrolein	2.35	56	3408	0.70	ug/l #	76
14) Allyl chloride	2.81	41	26329	4.95	ug/l #	74
15) Acrylonitrile	3.14	53	9112	Below Cal	#	44
16) Acetone	2.48	43	1463	Below Cal		91
18) Methyl Acetate	2.81	43	63208	17.41	ug/l #	59
19) Methyl tert-butyl Ether	3.23	73	311	Below Cal	#	1
20) Methylene Chloride	2.85	84	1367	Below Cal	#	1
22) Diisopropyl ether	3.90	45	163	Below Cal	#	1
23) Vinyl Acetate	3.78	43	2732	0.32	ug/l #	75
25) 2-Butanone	4.75	43	926	0.41	ug/l #	62
28) Bromochloromethane	4.98	49	113	Below Cal	#	13
30) Chloroform	5.26	83	14743	2.91	ug/l #	33
31) Cyclohexane	5.56	56	307293	73.94	ug/l #	95
36) 1,1-Dichloropropene	5.66	75	16124	4.57	ug/l #	49
38) Carbon Tetrachloride	5.67	117	21333	5.78	ug/l #	15
39) Methylcyclohexane	7.46	83	615610	140.70	ug/l	98
40) Benzene	6.14	78	167236	15.45	ug/l	99
41) Methacrylonitrile	5.06	41	4322	1.78	ug/l #	54
43) Isopropyl Acetate	6.28	43	63054	8.75	ug/l #	63
45) 1,2-Dichloropropane	7.46	63	7049	2.41	ug/l #	1
46) Dibromomethane	7.63	93	954	0.48	ug/l #	1
47) Bromodichloromethane	7.85	83	6318	1.76	ug/l #	1
48) Methyl methacrylate	7.73	41	46421	12.82	ug/l #	55
51) 4-Methyl-2-Pentanone	8.67	43	27530	6.13	ug/l #	53
52) Toluene	8.79	92	15479	2.25	ug/l	94
55) 1,1,2-Trichloroethane	9.27	97	2626	0.93	ug/l #	1
56) Ethyl methacrylate	9.16	69	21417	4.74	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.34	63	1098	0.52	ug/l #	48
59) 2-Hexanone	9.56	43	83384	24.05	ug/l #	46

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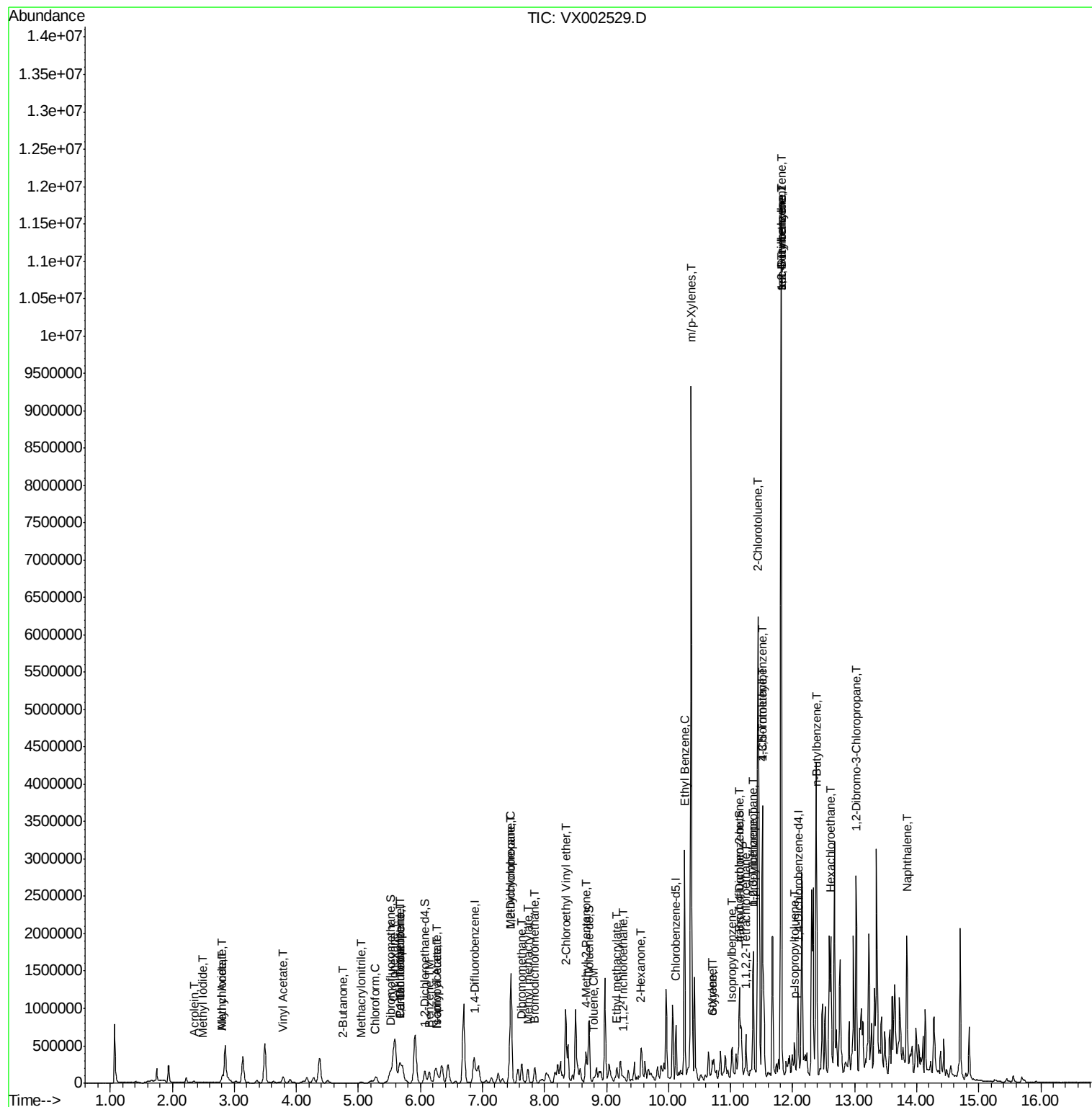
67) Ethyl Benzene	10.26	91	1671753	121.68	ug/l	99
68) m/p-Xylenes	10.37	106	2099538	393.13	ug/l	98
69) o-Xylene	10.70	106	50391	9.48	ug/l	98
70) Styrene	10.71	104	3291	0.38	ug/l #	1
73) Isopropylbenzene	11.02	105	172574	11.58	ug/l	100
74) N-amyl acetate	6.28	43	63054	7.85	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	11.25	83	12845	2.74	ug/l #	95
76) 1,2,3-Trichloropropane	11.37	75	6423	1.37	ug/l #	1
78) n-propylbenzene	11.37	91	981986	59.29	ug/l	100
79) 2-Chlorotoluene	11.44	91	533034	50.97	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	1438130	112.53	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.14	75	101264	75.53	ug/l #	11
82) 4-Chlorotoluene	11.51	91	157798	13.07	ug/l #	45
83) tert-Butylbenzene	11.82	119	626781	50.36	ug/l #	61
84) 1,2,4-Trimethylbenzene	11.82	105	4933572	375.01	ug/l	96
85) sec-Butylbenzene	11.82	105	4933572	338.15	ug/l #	56
86) p-Isopropyltoluene	12.03	119	134779	10.14	ug/l	97
89) n-Butylbenzene	12.39	91	603697	54.16	ug/l #	24
90) Hexachloroethane	12.62	117	63478	29.92	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.02	75	8087	7.89	ug/l #	6
95) Naphthalene	13.84	128	1099509	70.52	ug/l	98

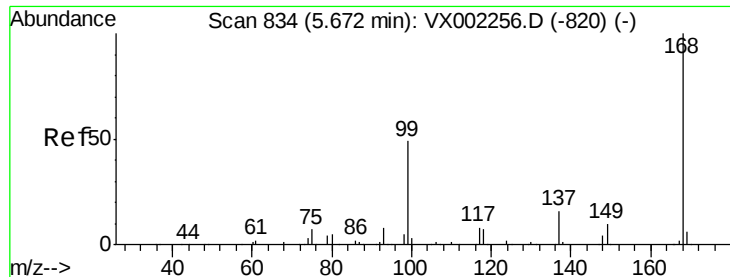
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX002529.D

Acq: 14 Jun 2018 01:21

Instrument :

MSVOA_X

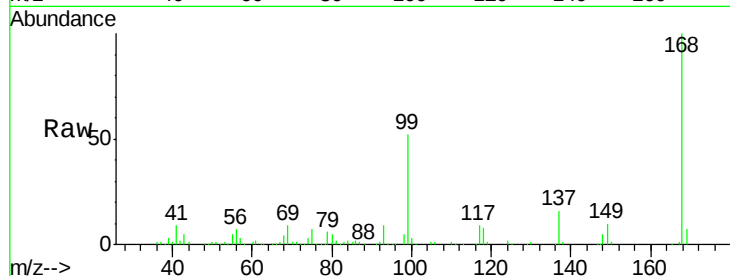
ClientSampleId :

Tot Ion:168 Resp: 230160

Ion Ratio Lower Upper

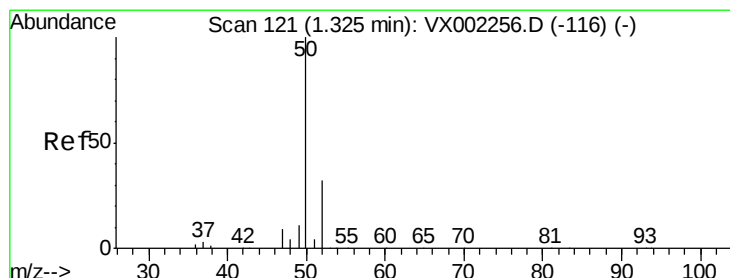
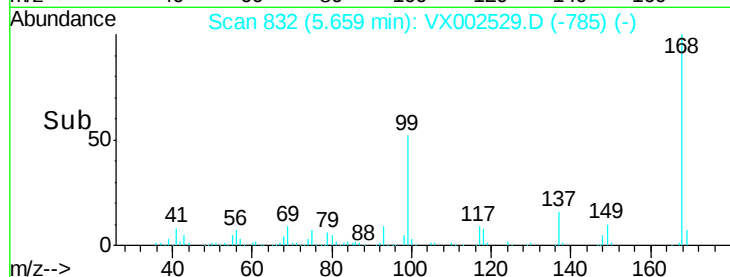
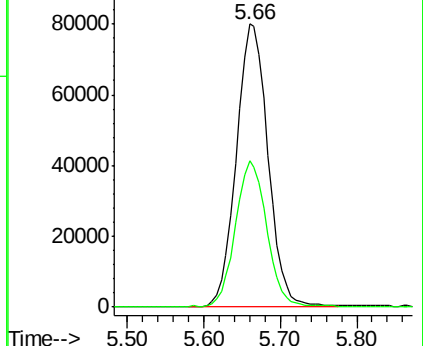
168 100

99 51.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: Below Cal

RT: 1.34 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX002529.D

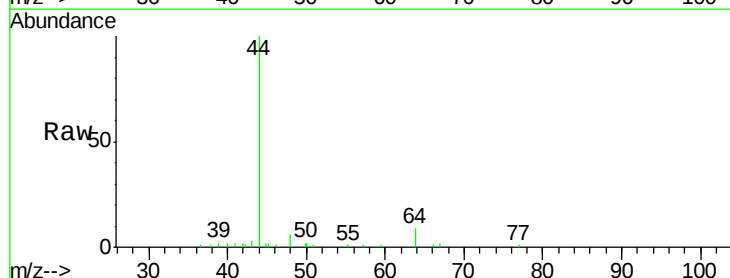
Acq: 14 Jun 2018 01:21

Tgt Ion: 50 Resp: 671

Ion Ratio Lower Upper

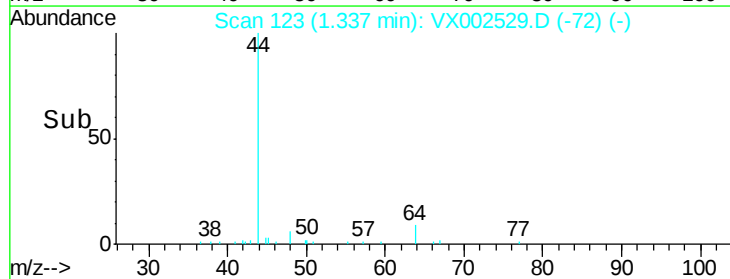
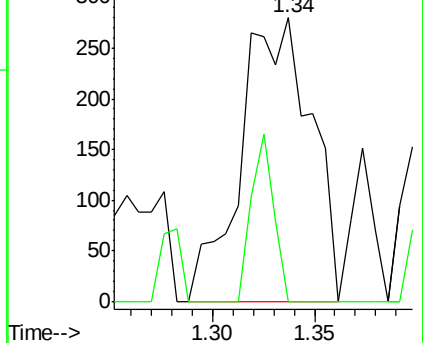
50 100

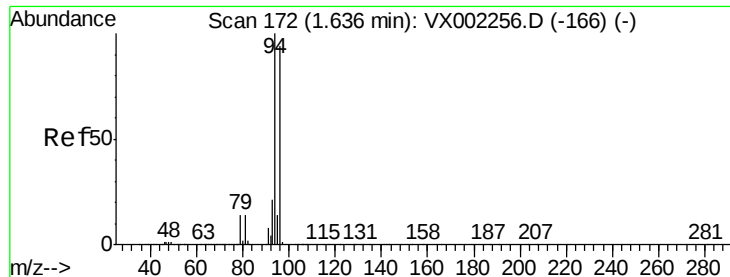
52 0.0 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002529.D

Acq: 14 Jun 2018 01:21

Instrument :

MSVOA_X

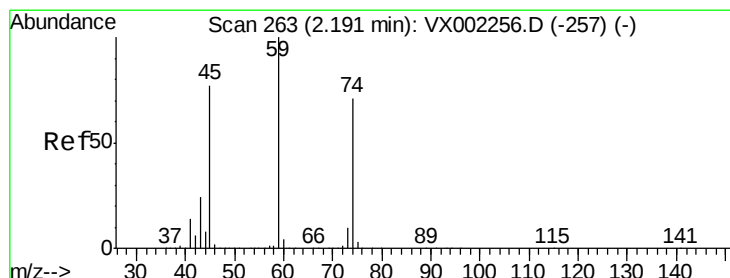
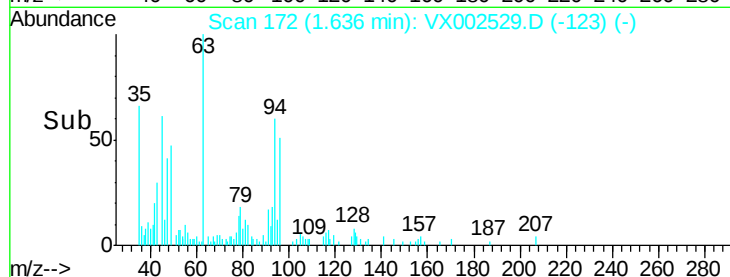
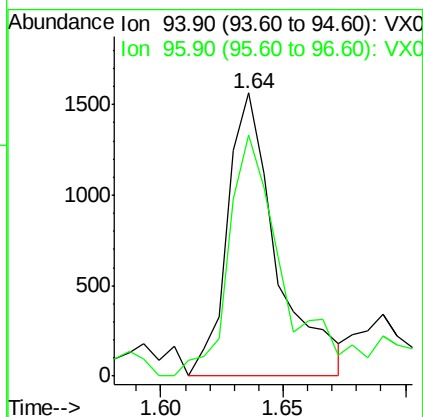
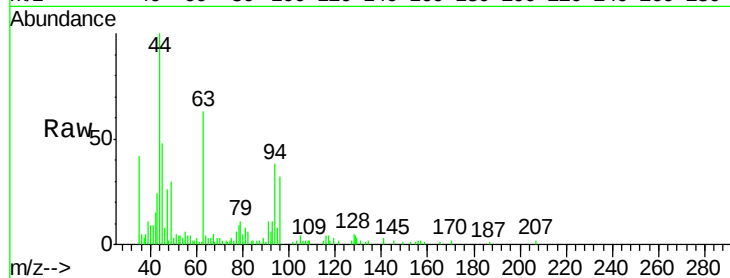
ClientSampleId :

Tot Ion: 94 Resp: 2186

Ion Ratio Lower Upper

94 100

96 79.6 74.9 112.3



#8

Diethyl Ether

Concen: Below Cal

RT: 2.20 min Scan# 264

Delta R.T. 0.01 min

Lab File: VX002529.D

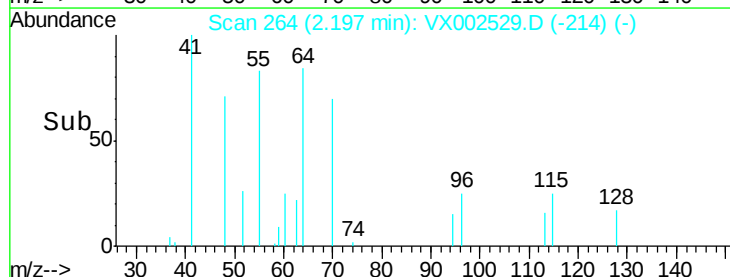
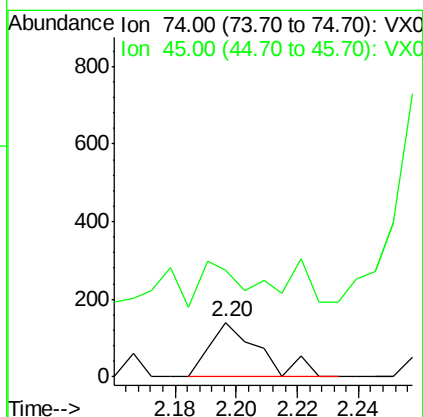
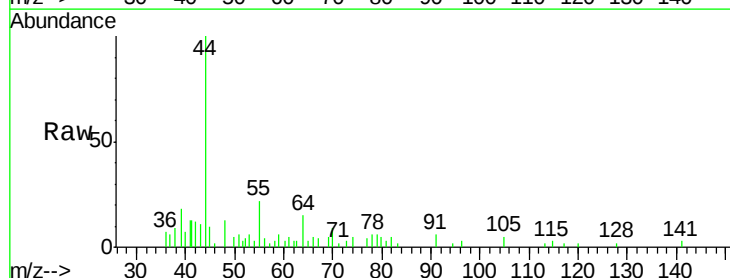
Acq: 14 Jun 2018 01:21

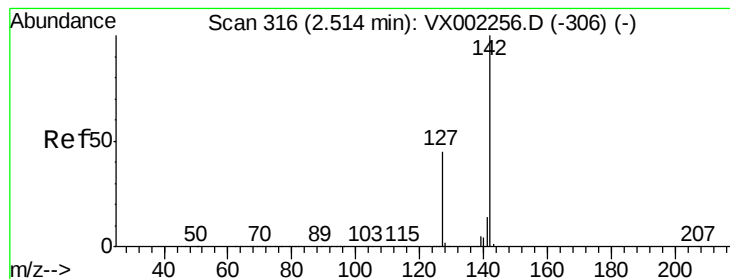
Tgt Ion: 74 Resp: 157

Ion Ratio Lower Upper

74 100

45 60.5 53.1 159.4





#10

Methyl Iodide

Concen: 0.96 ug/l

RT: 2.49 min Scan# 312

Delta R.T. -0.02 min

Lab File: VX002529.D

Acq: 14 Jun 2018 01:21

Instrument :
MSVOA_X
ClientSampled :

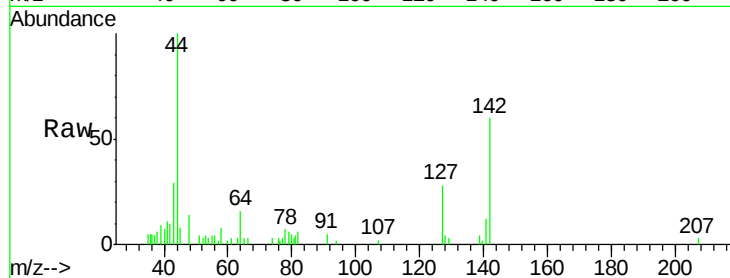
Tot Ion:142 Resp: 3348

Ion Ratio Lower Upper

142 100

127 52.4 36.6 55.0

141 17.3 11.3 16.9#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.49

1500

1000

500

200

0

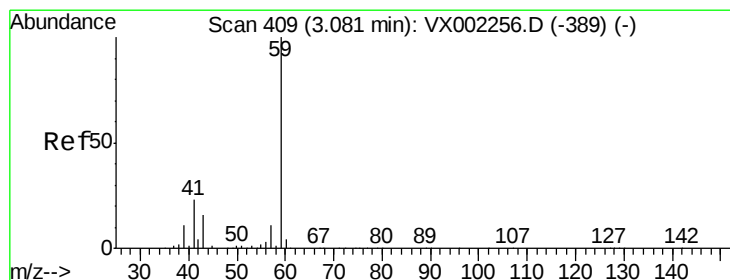
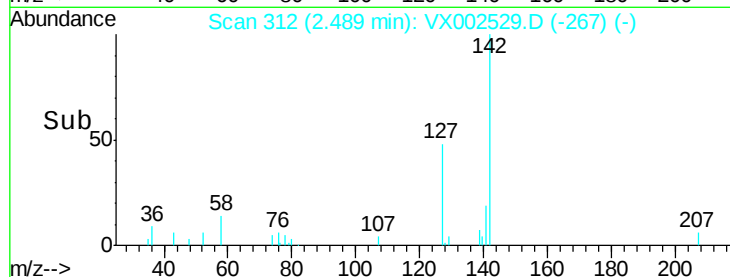
2.40

2.45

2.50

2.55

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 3.02 min Scan# 399

Delta R.T. -0.06 min

Lab File: VX002529.D

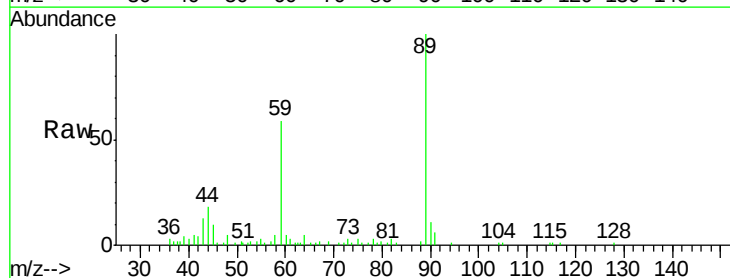
Acq: 14 Jun 2018 01:21

Tgt Ion: 59 Resp: 11620

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

120000

100000

80000

60000

40000

20000

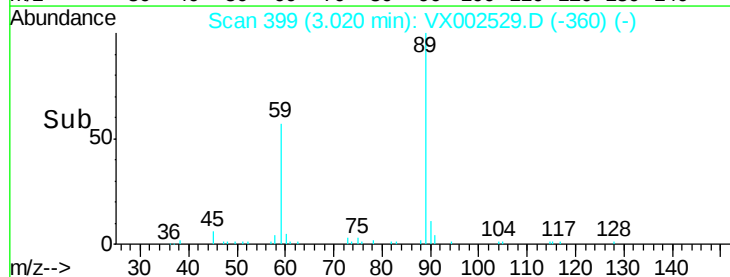
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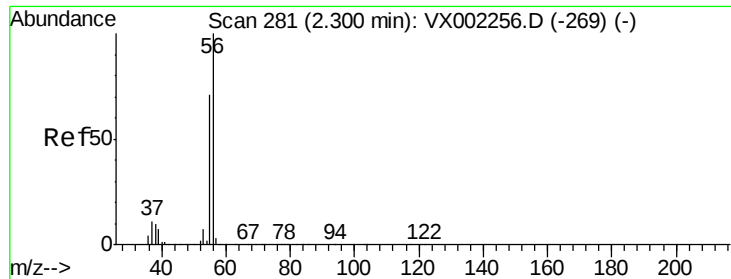
2.90

3.00

3.10

Time-->





#13

Acrolein

Concen: 0.70 ug/l

RT: 2.35 min Scan# 289

Delta R.T. 0.05 min

Lab File: VX002529.D

Acq: 14 Jun 2018 01:21

Instrument :

MSVOA_X

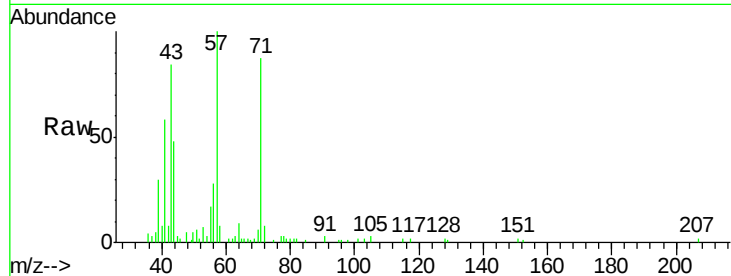
ClientSampled :

Tot Ion: 56 Resp: 3408

Ion Ratio Lower Upper

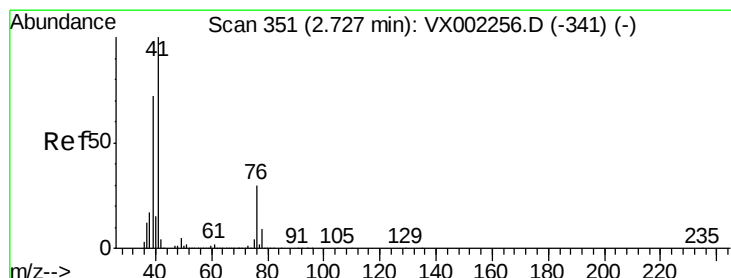
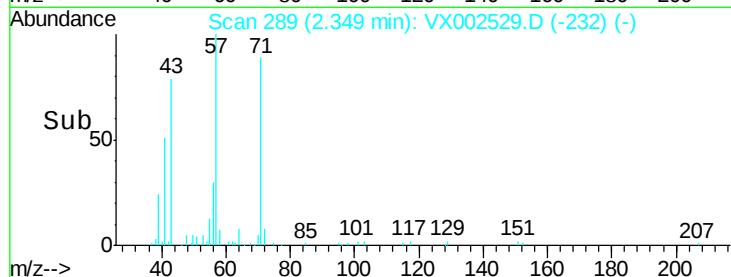
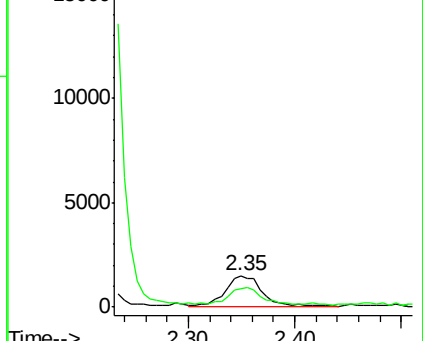
56 100

55 51.4 57.0 85.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 4.95 ug/l

RT: 2.81 min Scan# 364

Delta R.T. 0.08 min

Lab File: VX002529.D

Acq: 14 Jun 2018 01:21

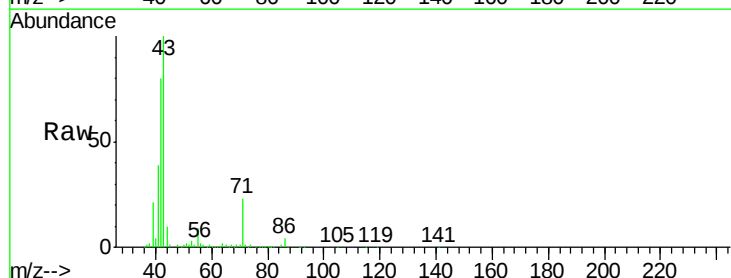
Tgt Ion: 41 Resp: 26329

Ion Ratio Lower Upper

41 100

39 59.6 56.8 85.2

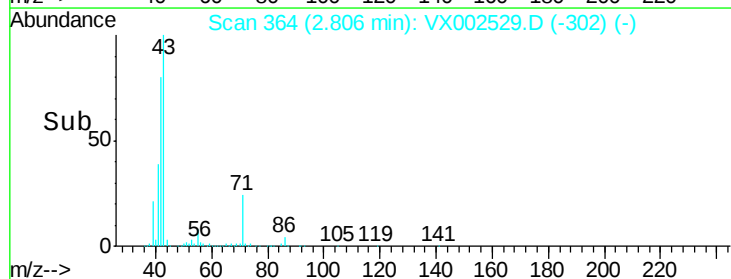
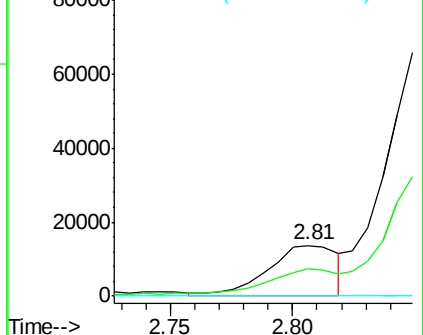
76 0.0 23.8 35.8#

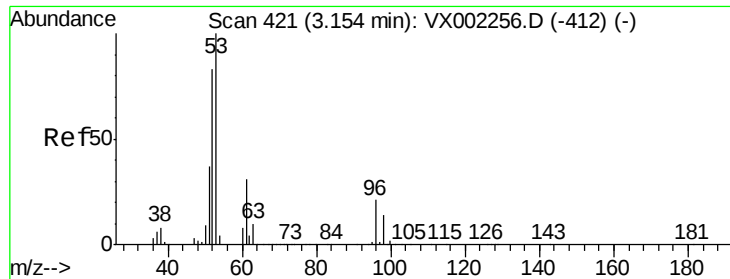


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: Below Cal

RT: 3.14 min Scan# 418

Delta R.T. -0.02 min

Lab File: VX002529.D

Acq: 14 Jun 2018 01:21

Instrument :

MSVOA_X

ClientSampled :

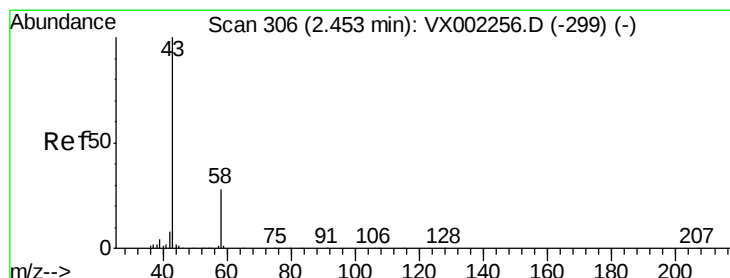
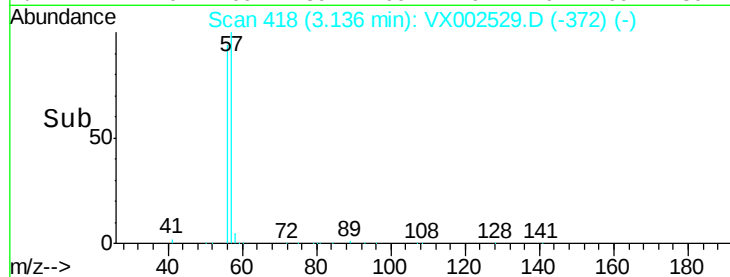
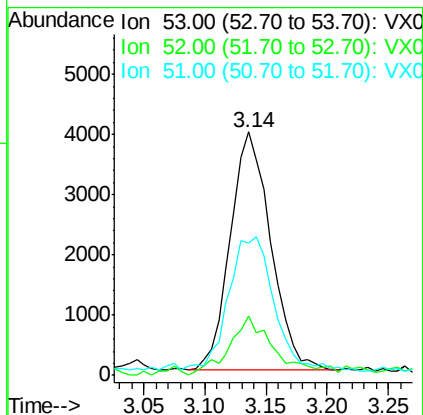
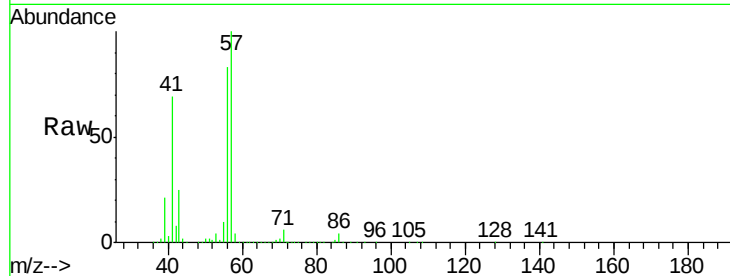
Tot Ion: 53 Resp: 9112

Ion Ratio Lower Upper

53 100

52 28.1 66.7 100.1#

51 63.5 29.9 44.9#



#16

Acetone

Concen: Below Cal

RT: 2.48 min Scan# 311

Delta R.T. 0.03 min

Lab File: VX002529.D

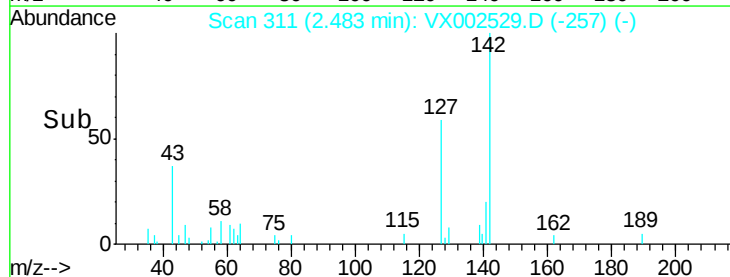
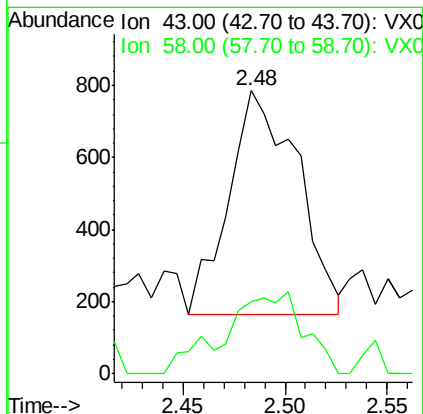
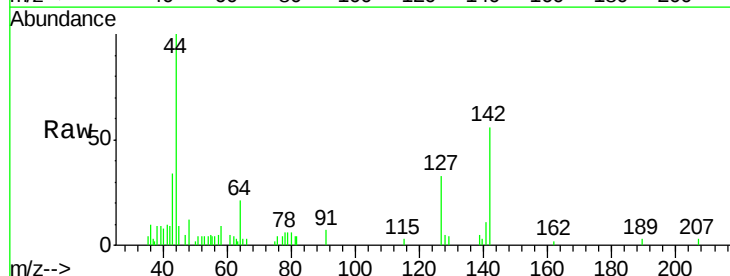
Acq: 14 Jun 2018 01:21

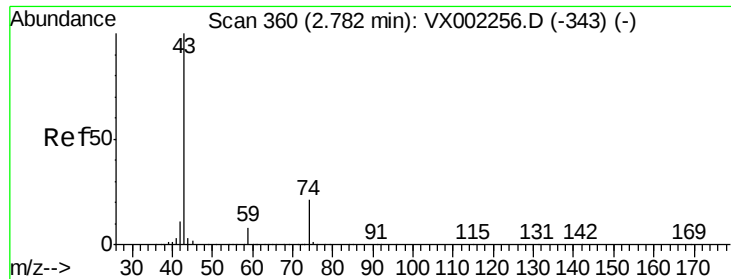
Tgt Ion: 43 Resp: 1463

Ion Ratio Lower Upper

43 100

58 32.2 22.1 33.1

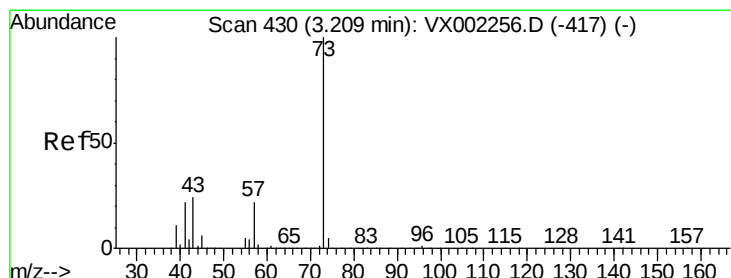
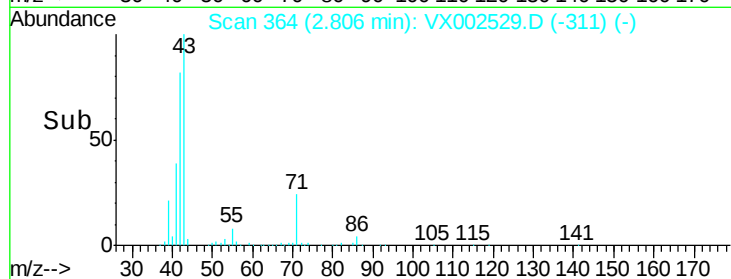
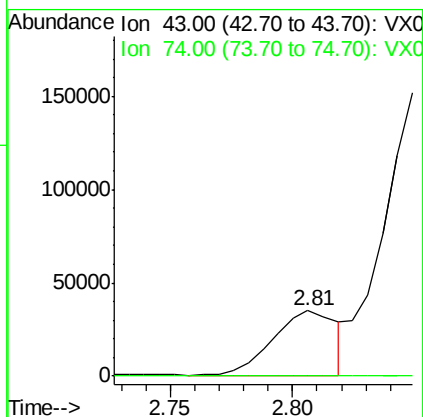
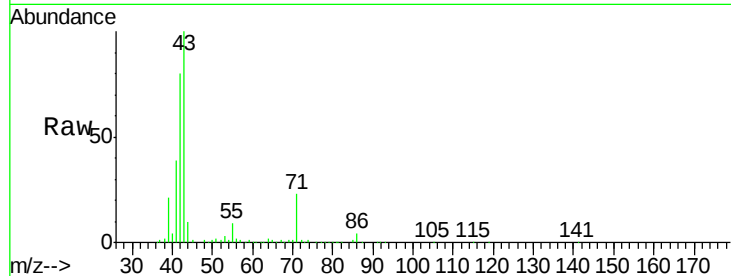




#18
Methyl Acetate
Concen: 17.41 ug/l
RT: 2.81 min Scan# 364
Delta R.T. 0.02 min
Lab File: VX002529.D
Acq: 14 Jun 2018 01:21

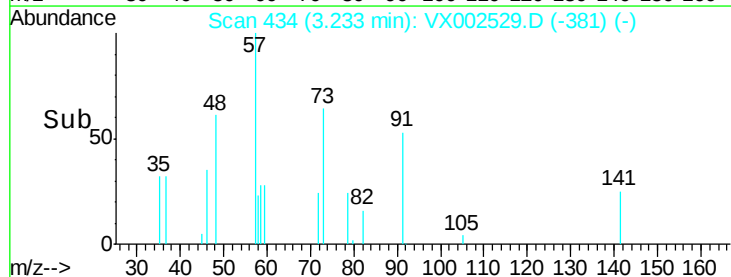
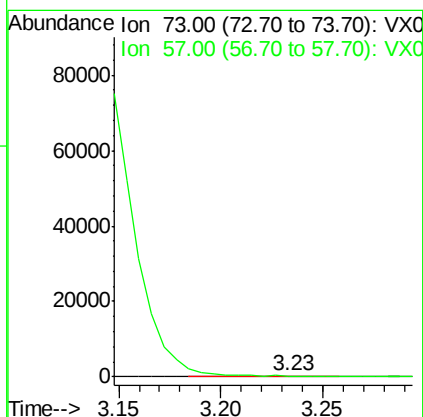
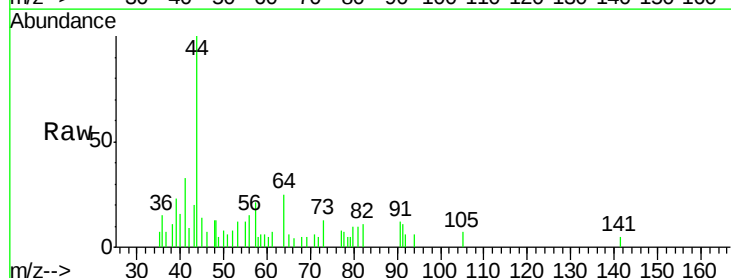
Instrument :
MSVOA_X
ClientSampleId :

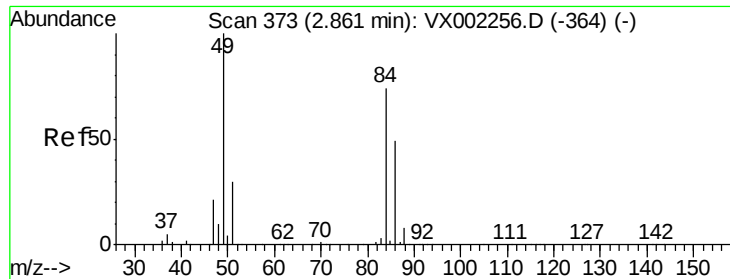
Tot Ion: 43 Resp: 63208
Ion Ratio Lower Upper
43 100
74 1.6 16.7 25.1#



#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.23 min Scan# 434
Delta R.T. 0.03 min
Lab File: VX002529.D
Acq: 14 Jun 2018 01:21

Tgt Ion: 73 Resp: 311
Ion Ratio Lower Upper
73 100
57 92.9 17.7 26.5#

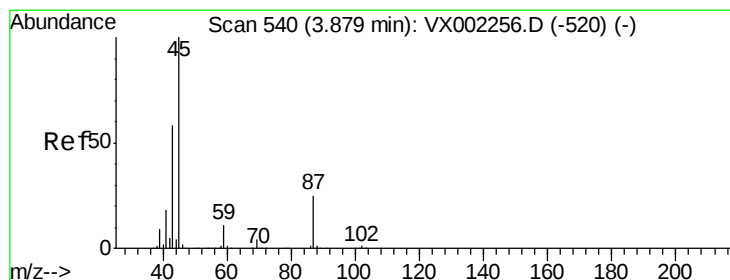
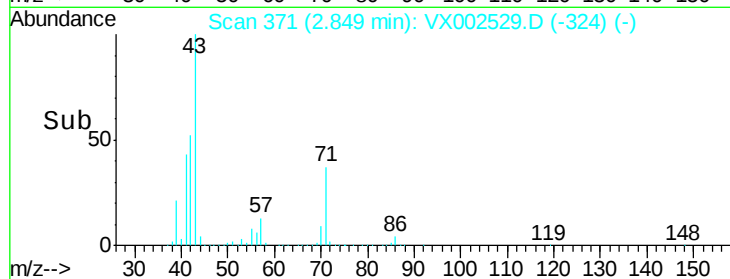
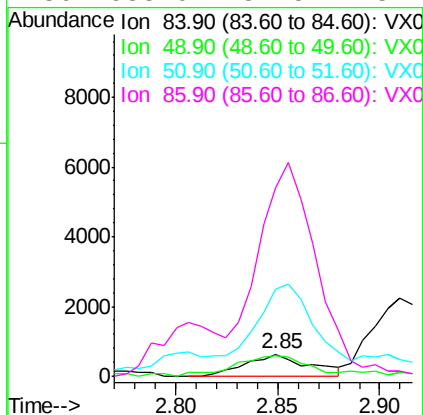
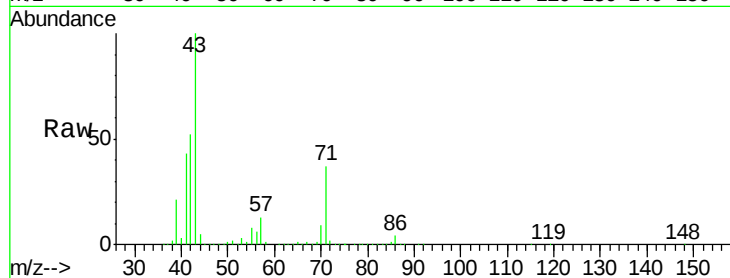




#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX002529.D
Acq: 14 Jun 2018 01:21

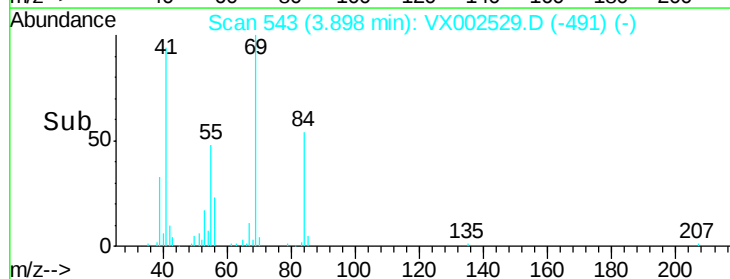
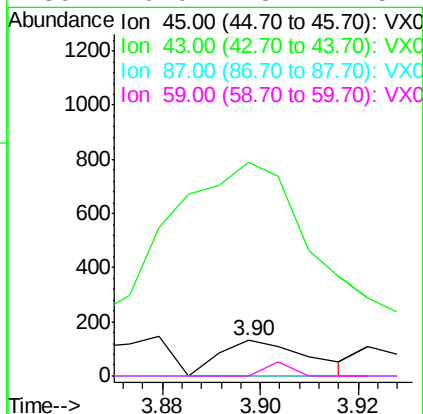
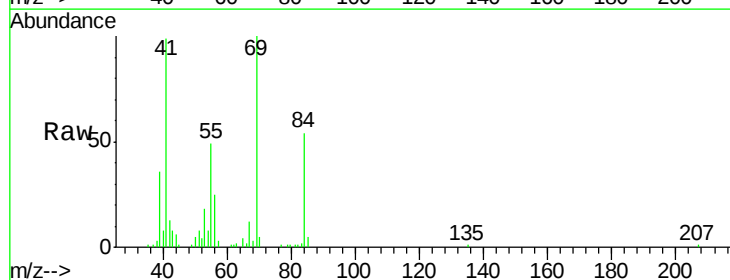
Instrument :
MSVOA_X
ClientSampleId :

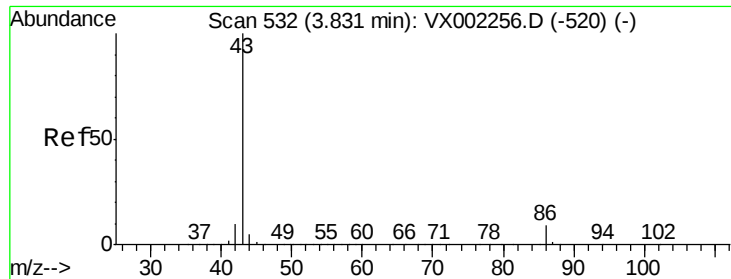
Tot Ion: 84 Resp: 1367
Ion Ratio Lower Upper
84 100
49 76.7 107.8 161.6#
51 283.1 32.8 49.2#
86 638.0 52.5 78.7#



#22
Diisopropyl ether
Concen: Below Cal
RT: 3.90 min Scan# 543
Delta R.T. 0.02 min
Lab File: VX002529.D
Acq: 14 Jun 2018 01:21

Tgt Ion: 45 Resp: 163
Ion Ratio Lower Upper
45 100
43 319.7 46.8 70.2#
87 0.0 20.2 30.4#
59 0.0 8.7 13.1#





#23

Vinyl Acetate

Concen: 0.32 ug/l

RT: 3.78 min Scan# 524

Delta R.T. -0.05 min

Lab File: VX002529.D

Acq: 14 Jun 2018 01:21

Instrument :

MSVOA_X

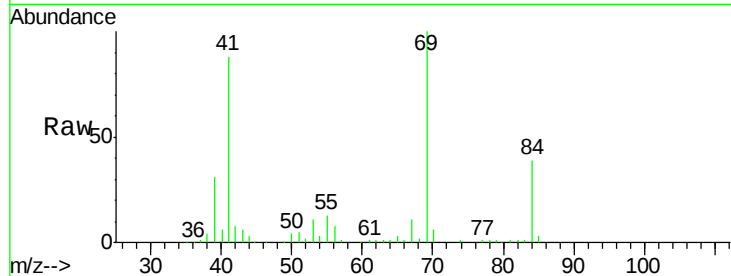
ClientSampled :

Tot Ion: 43 Resp: 2732

Ion Ratio Lower Upper

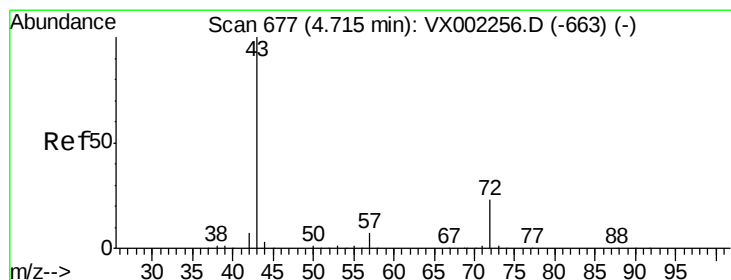
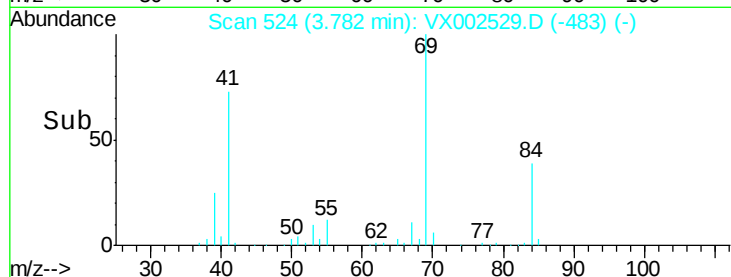
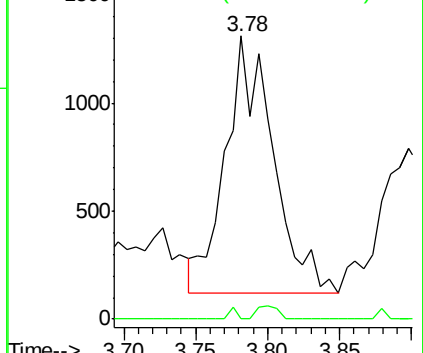
43 100

86 0.0 7.4 11.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#25

2-Butanone

Concen: 0.41 ug/l

RT: 4.75 min Scan# 682

Delta R.T. 0.03 min

Lab File: VX002529.D

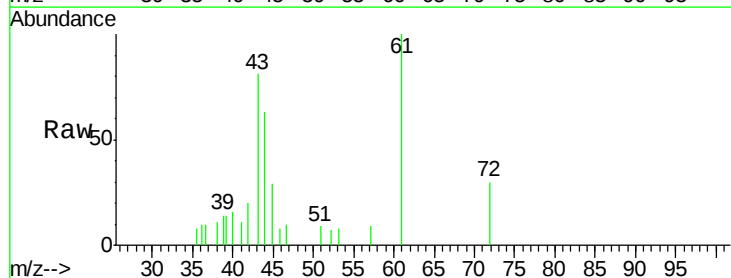
Acq: 14 Jun 2018 01:21

Tgt Ion: 43 Resp: 926

Ion Ratio Lower Upper

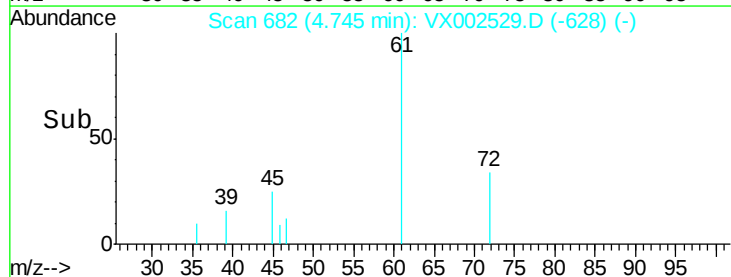
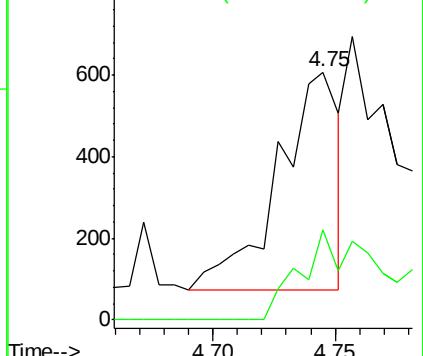
43 100

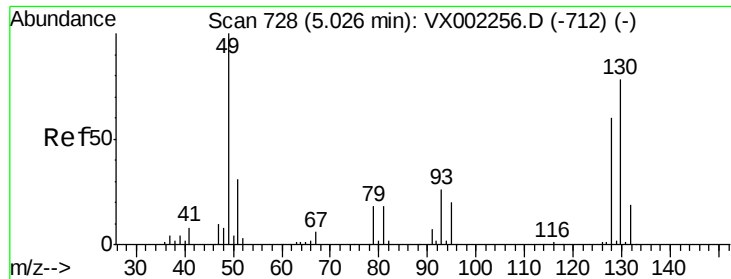
72 41.5 18.5 27.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

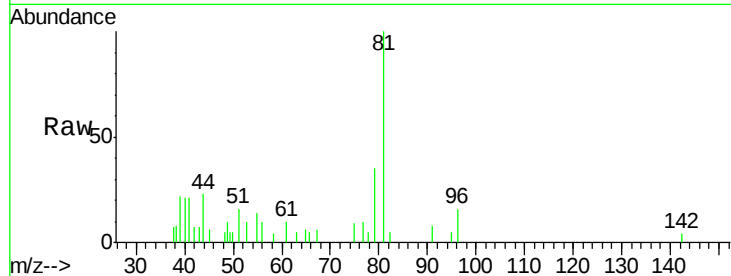




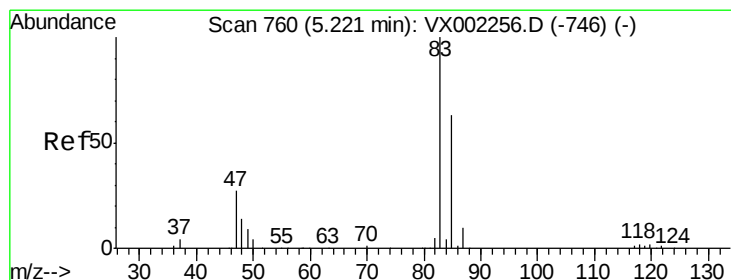
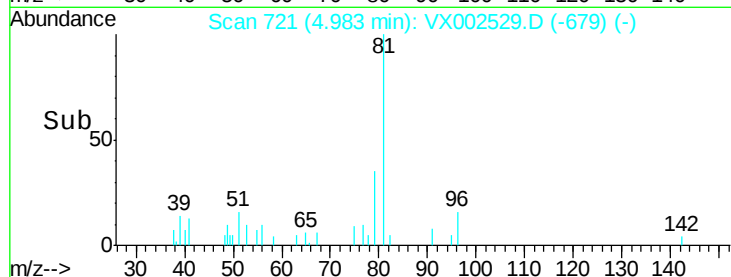
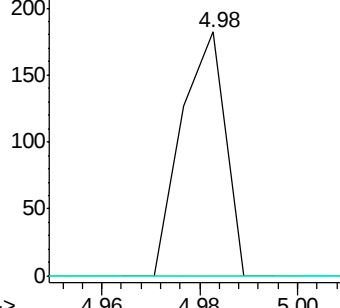
#28
Bromochloromethane
Concen: Below Cal
RT: 4.98 min Scan# 721
Delta R.T. -0.04 min
Lab File: VX002529.D
Acq: 14 Jun 2018 01:21

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 49 Resp: 113
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 0.0 61.2 91.8#

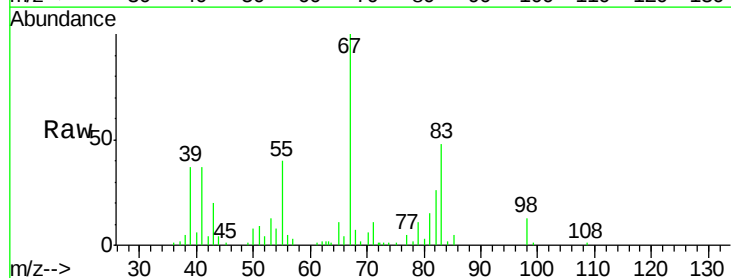


Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

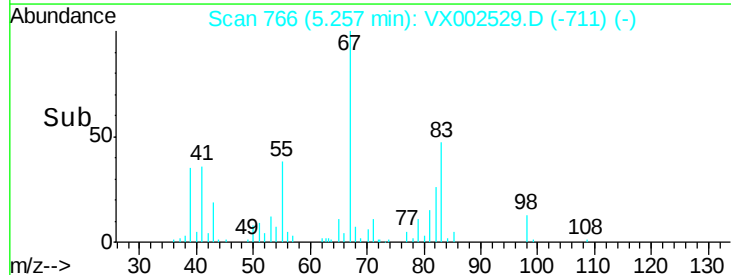
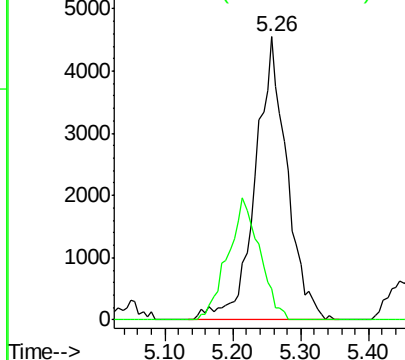


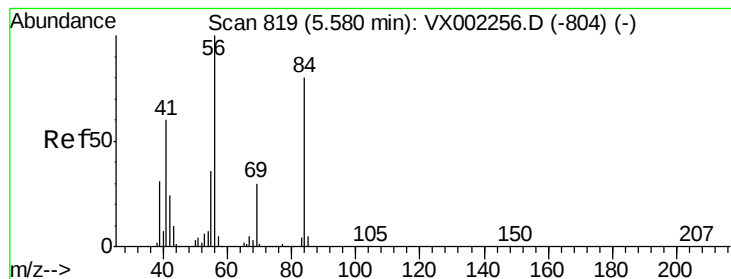
#30
Chloroform
Concen: 2.91 ug/l
RT: 5.26 min Scan# 766
Delta R.T. 0.04 min
Lab File: VX002529.D
Acq: 14 Jun 2018 01:21

Tgt Ion: 83 Resp: 14743
Ion Ratio Lower Upper
83 100
85 10.9 50.4 75.6#



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 73.94 ug/l

RT: 5.56 min Scan# 816

Delta R.T. -0.02 min

Lab File: VX002529.D

Acq: 14 Jun 2018 01:21

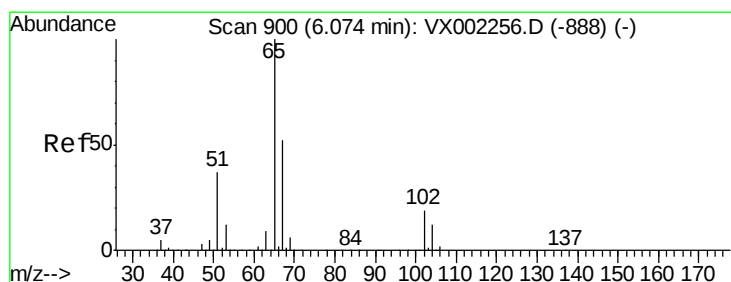
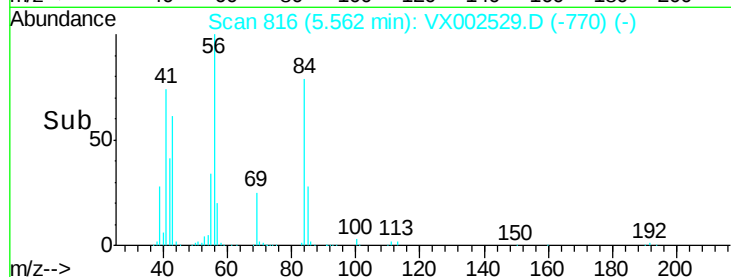
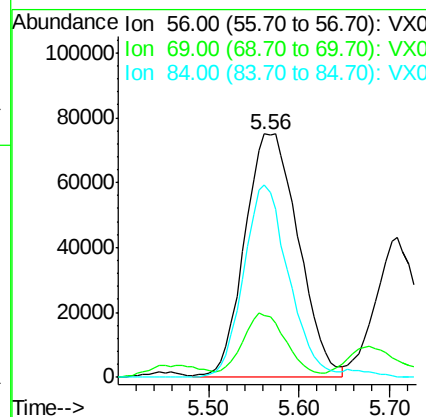
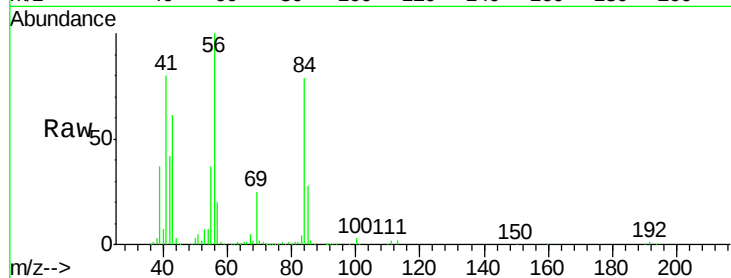
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 56 Resp: 307293

Ion	Ratio	Lower	Upper
56	100		
69	21.5	23.7	35.5#
84	79.5	64.1	96.1



#33

1,2-Dichloroethane-d4

Concen: 45.06 ug/l

RT: 6.07 min Scan# 900

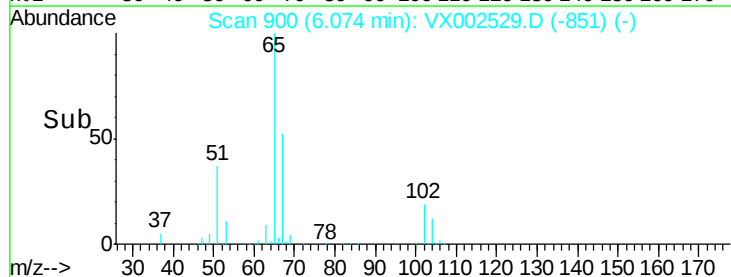
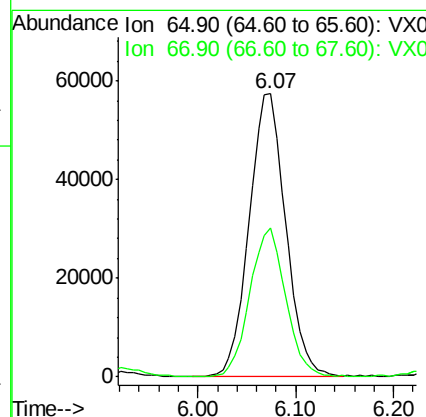
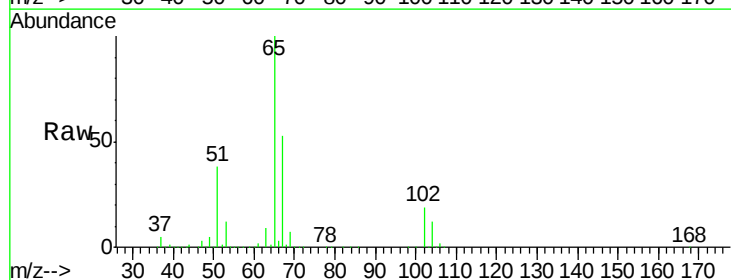
Delta R.T. 0.00 min

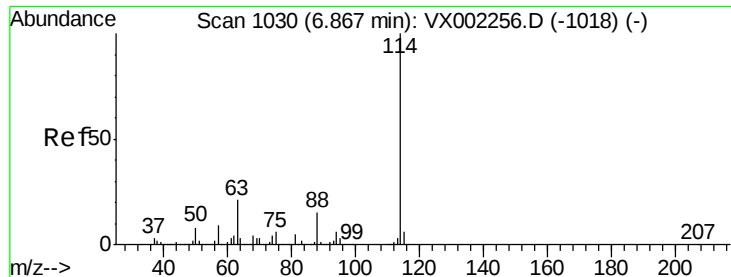
Lab File: VX002529.D

Acq: 14 Jun 2018 01:21

Tgt Ion: 65 Resp: 149425

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	102.6

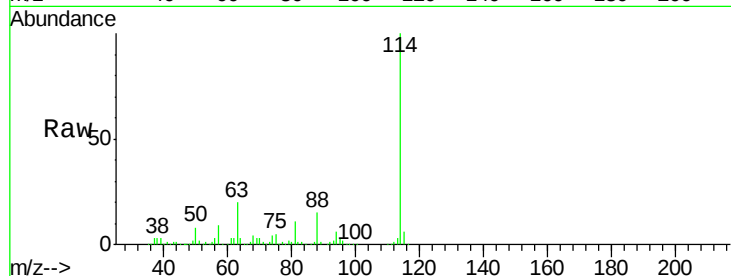




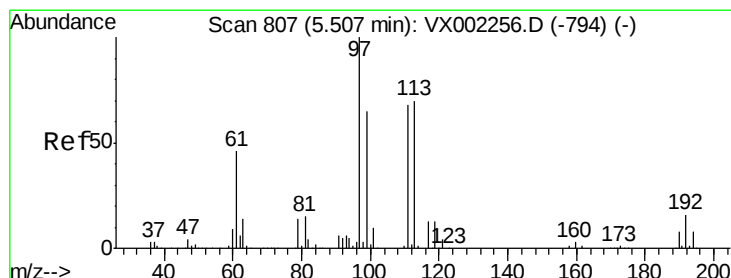
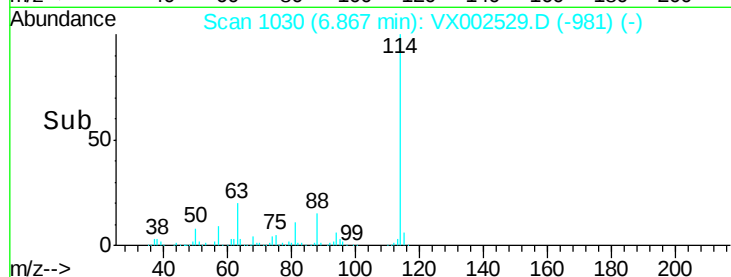
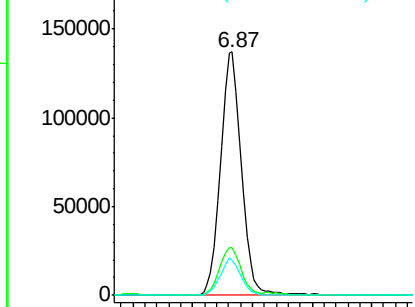
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002529.D
 Acq: 14 Jun 2018 01:21

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	41.4
88	14.6	0.0	30.0

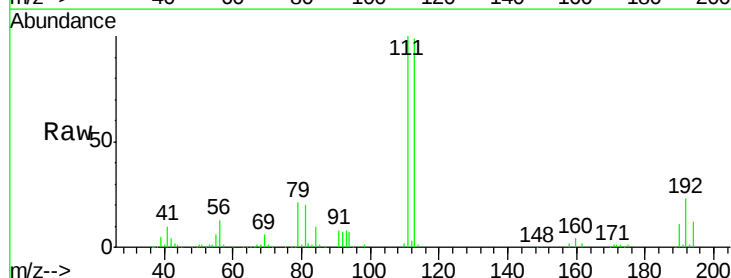


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

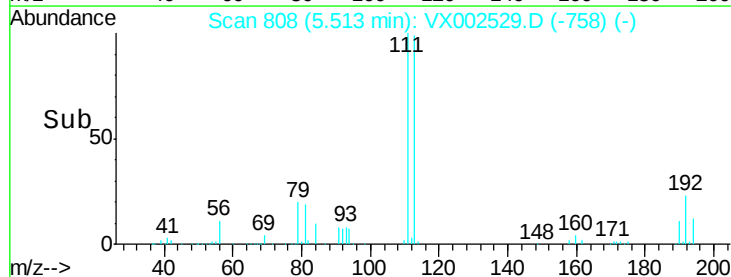
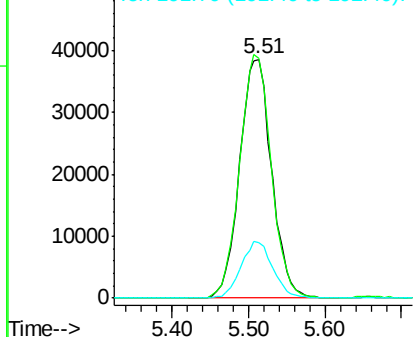


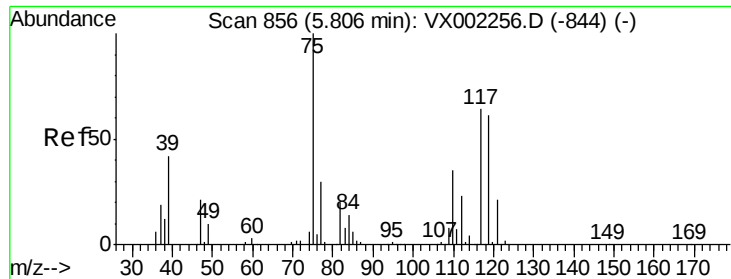
#35
 Dibromofluoromethane
 Concen: 42.44 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX002529.D
 Acq: 14 Jun 2018 01:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.4	122.0
192	23.6	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

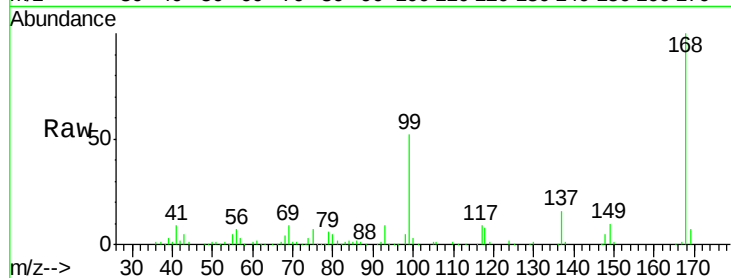




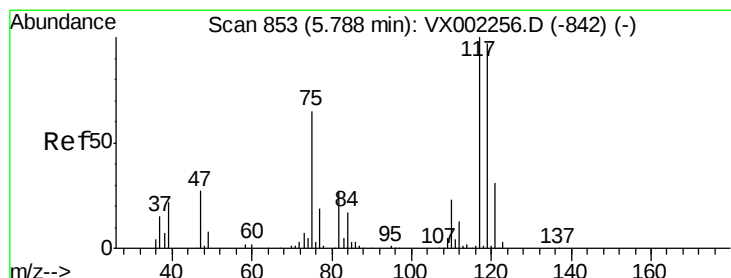
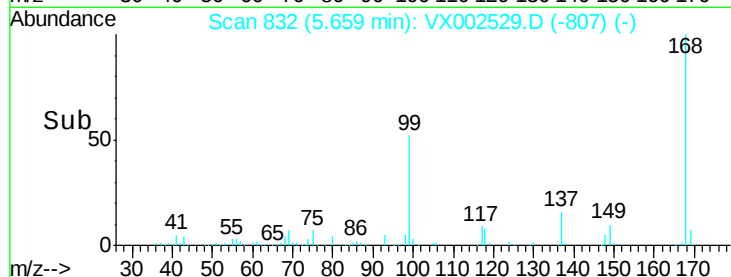
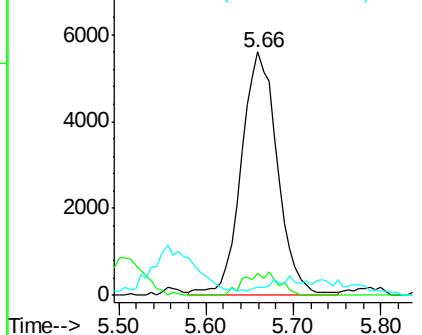
#36
 1,1-Dichloropropene
 Concen: 4.57 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.15 min
 Lab File: VX002529.D
 Acq: 14 Jun 2018 01:21

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 16124
 Ion Ratio Lower Upper
 75 100
 110 8.9 18.1 54.4#
 77 0.0 24.3 36.5#

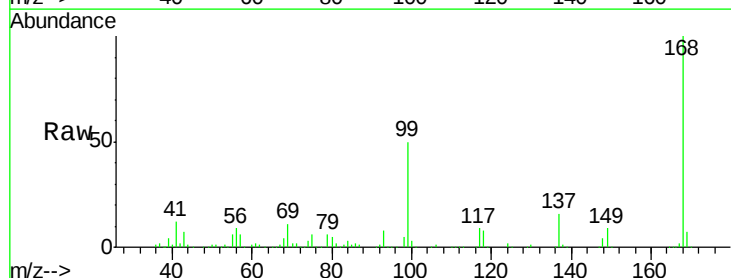


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

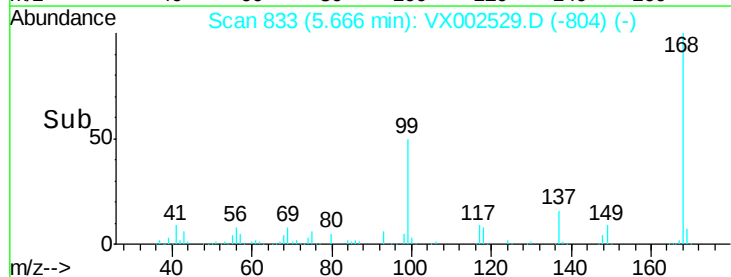
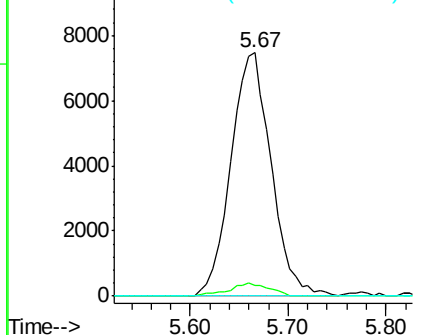


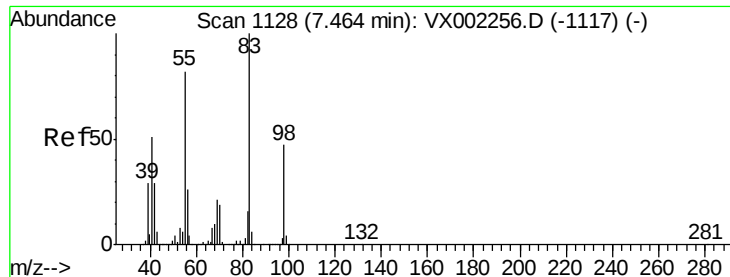
#38
 Carbon Tetrachloride
 Concen: 5.78 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX002529.D
 Acq: 14 Jun 2018 01:21

Tgt Ion: 117 Resp: 21333
 Ion Ratio Lower Upper
 117 100
 119 4.4 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

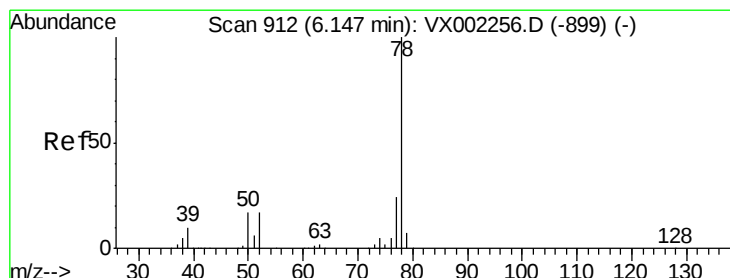
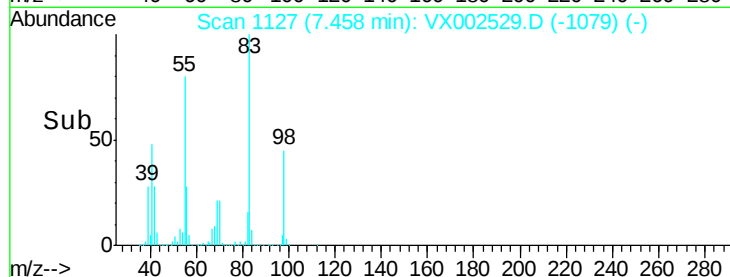
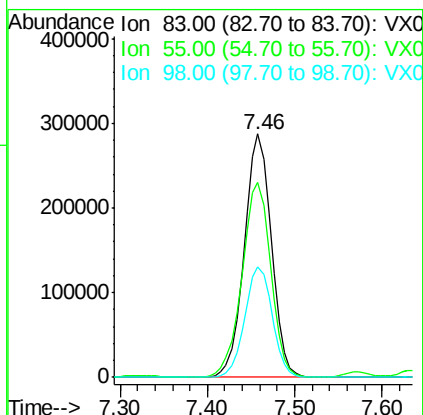
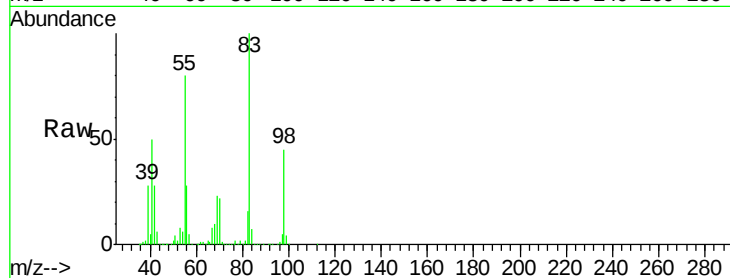




#39
Methvlcvclohexane
Concen: 140.70 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX002529.D
Acq: 14 Jun 2018 01:21

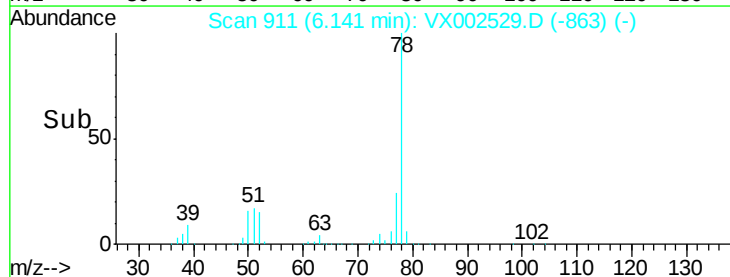
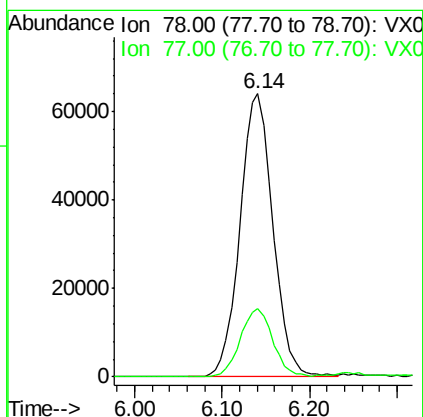
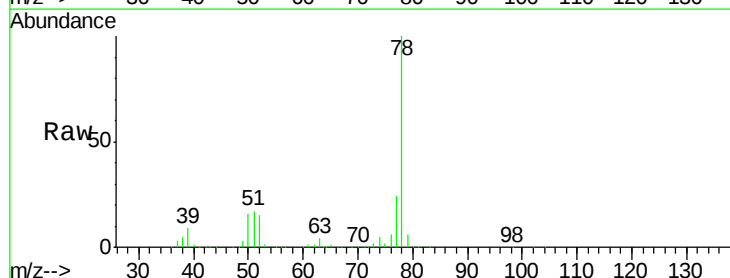
Instrument :
MSVOA_X
ClientSampleId :

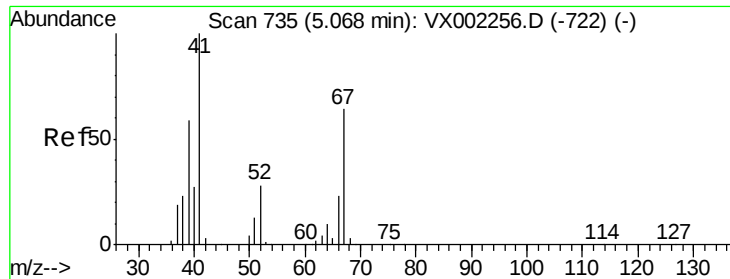
Tot Ion: 83 Resp: 615610
Ion Ratio Lower Upper
83 100
55 80.2 65.4 98.0
98 45.4 37.4 56.0



#40
Benzene
Concen: 15.45 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX002529.D
Acq: 14 Jun 2018 01:21

Tgt Ion: 78 Resp: 167236
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7

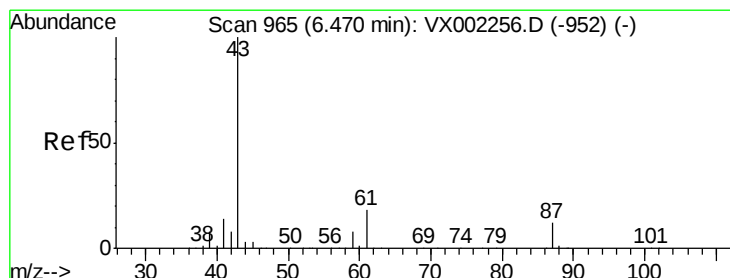
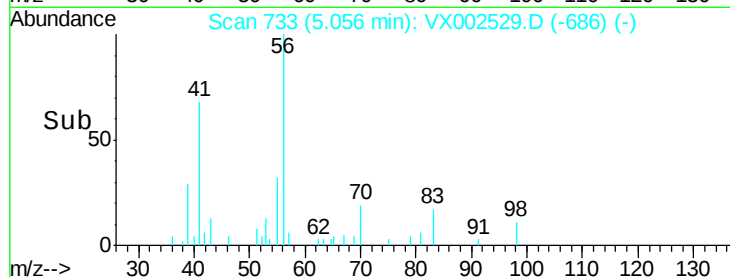
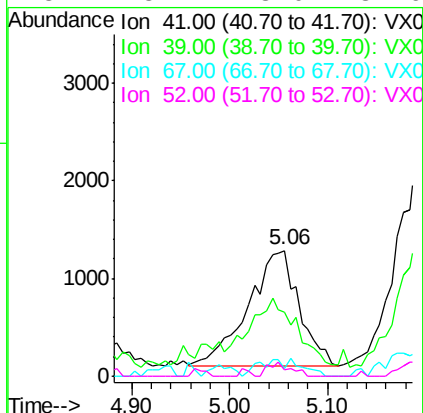
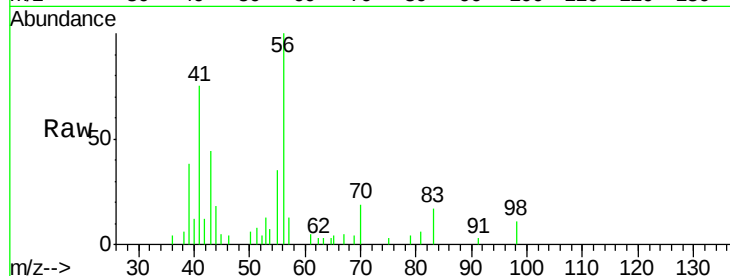




#41
Methacrylonitrile
Concen: 1.78 ug/l
RT: 5.06 min Scan# 733
Delta R.T. -0.01 min
Lab File: VX002529.D
Acq: 14 Jun 2018 01:21

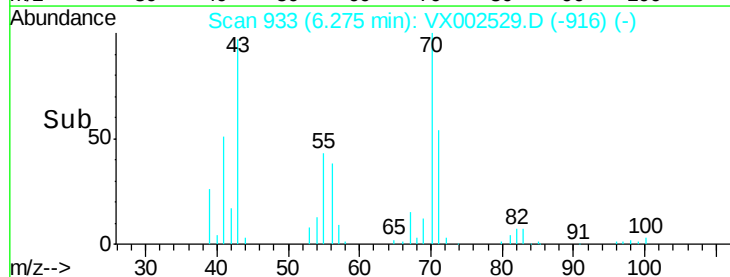
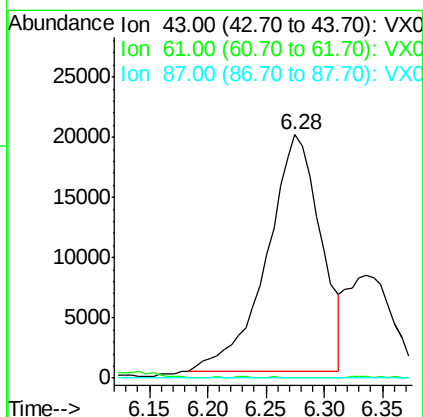
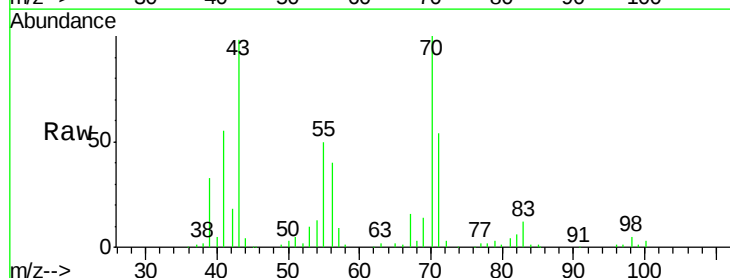
Instrument :
MSVOA_X
ClientSampled :

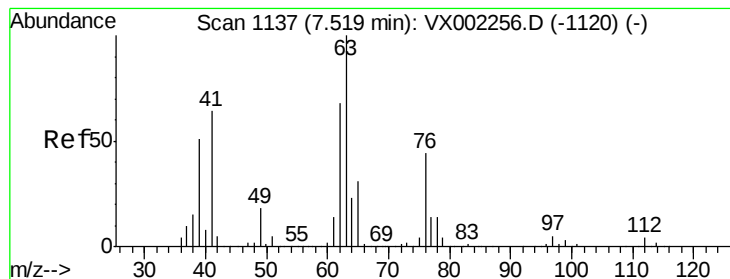
Tot Ion: 41 Resp: 4322
Ion Ratio Lower Upper
41 100
39 52.0 45.8 68.6
67 0.0 51.3 76.9#
52 5.1 23.0 34.6#



#43
Isopropyl Acetate
Concen: 8.75 ug/l
RT: 6.28 min Scan# 933
Delta R.T. -0.20 min
Lab File: VX002529.D
Acq: 14 Jun 2018 01:21

Tgt Ion: 43 Resp: 63054
Ion Ratio Lower Upper
43 100
61 0.1 14.4 21.6#
87 0.0 9.5 14.3#





#45

1,2-Dichloropropane

Concen: 2.41 ug/l

RT: 7.46 min Scan# 1127

Delta R.T. -0.06 min

Lab File: VX002529.D

Acq: 14 Jun 2018 01:21

Instrument :

MSVOA_X

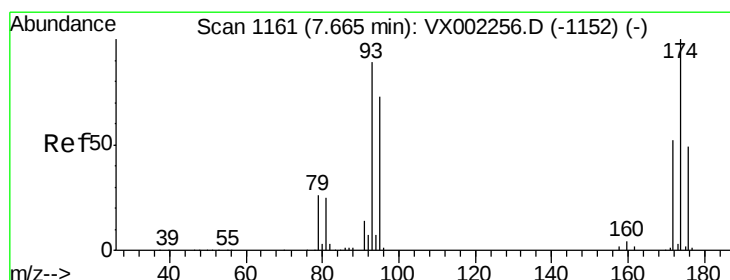
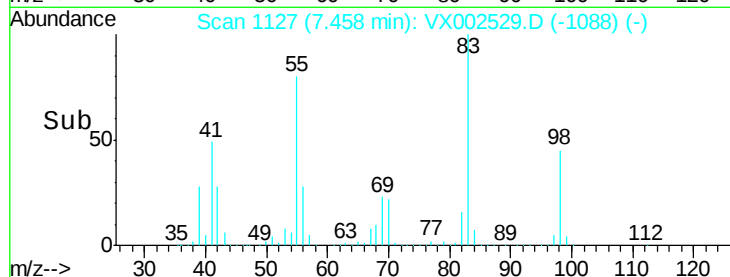
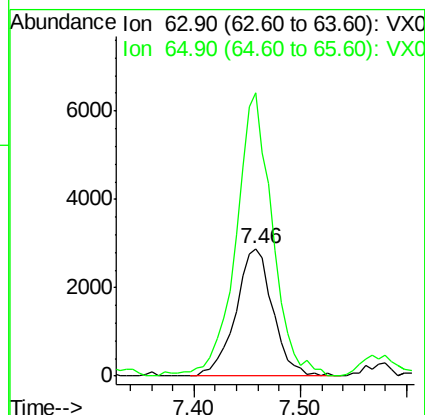
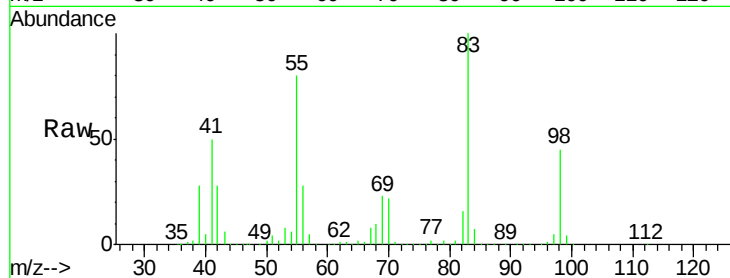
ClientSampleId :

Tot Ion: 63 Resp: 7049

Ion Ratio Lower Upper

63 100

65 221.5 24.7 37.1#



#46

Dibromomethane

Concen: 0.48 ug/l

RT: 7.63 min Scan# 1155

Delta R.T. -0.04 min

Lab File: VX002529.D

Acq: 14 Jun 2018 01:21

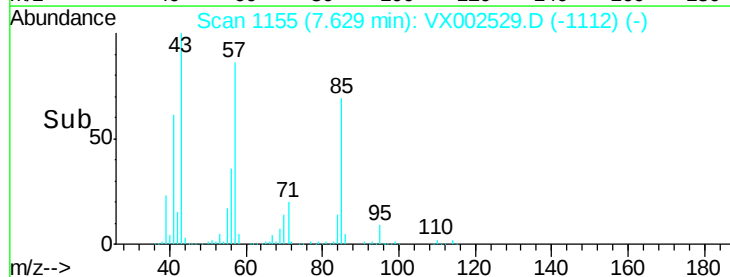
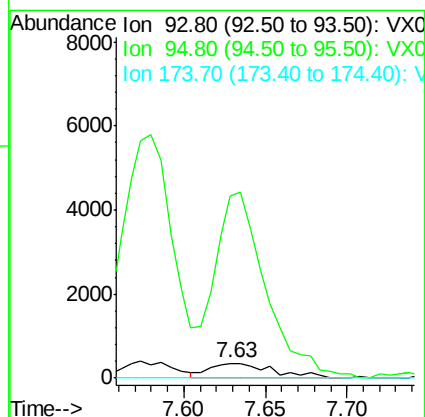
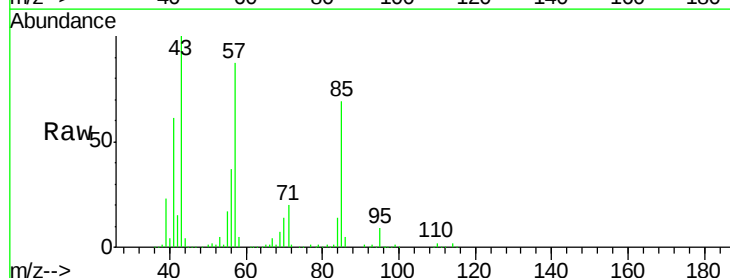
Tgt Ion: 93 Resp: 954

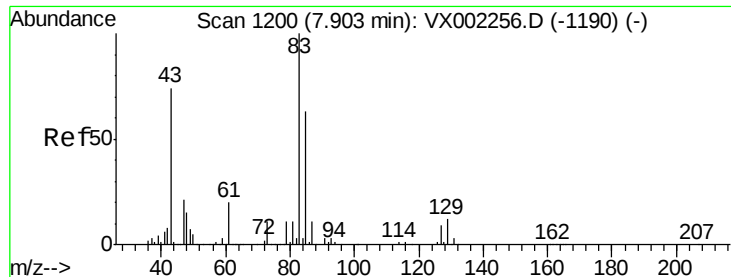
Ion Ratio Lower Upper

93 100

95 1026.7 65.9 98.9#

174 0.0 92.4 138.6#





#47

Bromodichloromethane

Concen: 1.76 ug/l

RT: 7.85 min Scan# 1191

Delta R.T. -0.05 min

Lab File: VX002529.D

Acq: 14 Jun 2018 01:21

Instrument :
MSVOA_X
ClientSampled :

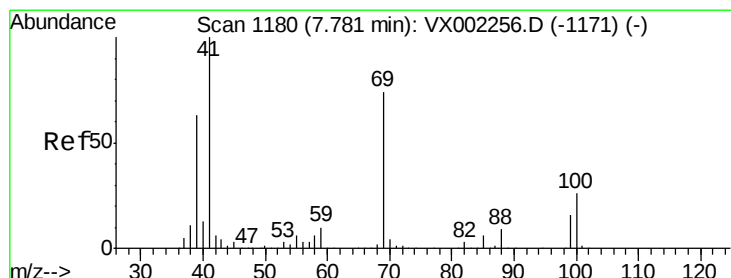
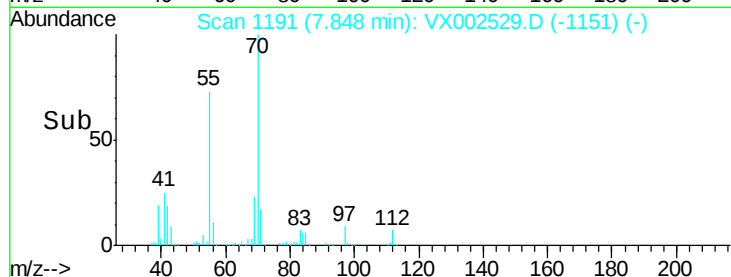
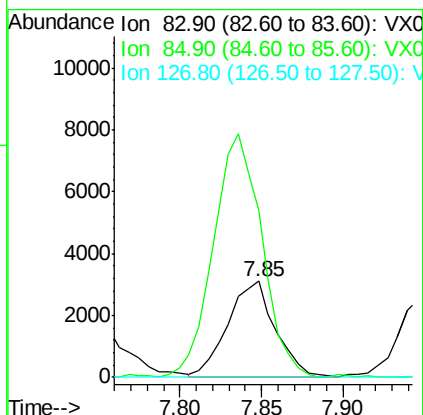
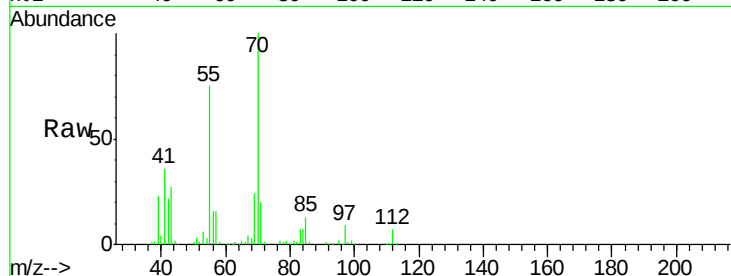
Tot Ion: 83 Resp: 6318

Ion Ratio Lower Upper

83 100

85 170.2 50.3 75.5#

127 0.0 7.0 10.4#



#48

Methyl methacrylate

Concen: 12.82 ug/l

RT: 7.73 min Scan# 1172

Delta R.T. -0.05 min

Lab File: VX002529.D

Acq: 14 Jun 2018 01:21

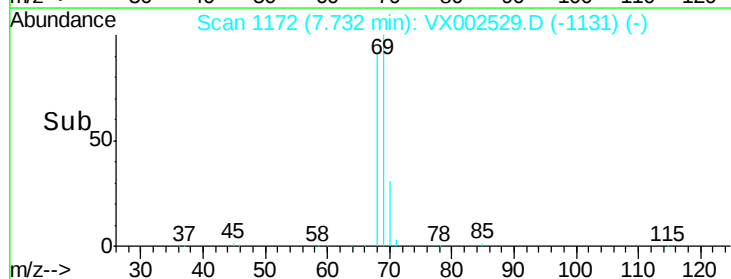
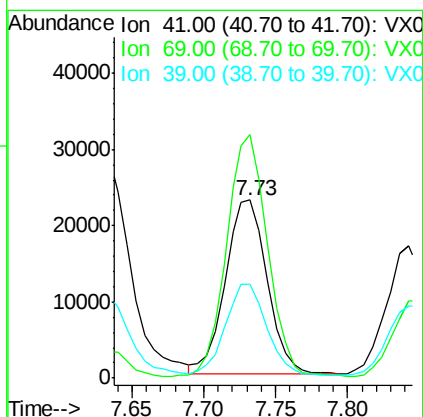
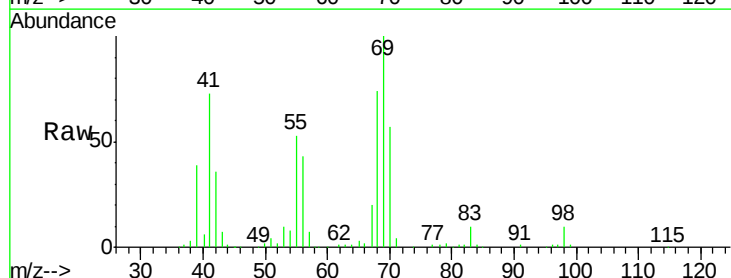
Tgt Ion: 41 Resp: 46421

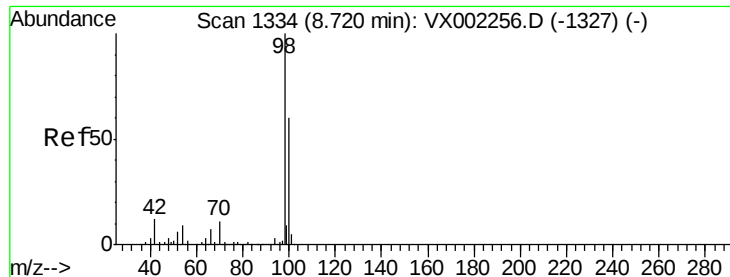
Ion Ratio Lower Upper

41 100

69 135.3 59.1 88.7#

39 52.1 48.9 73.3

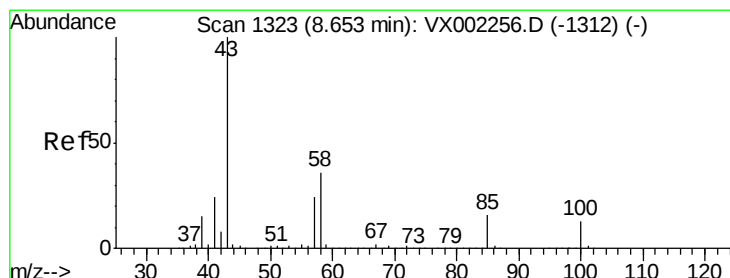
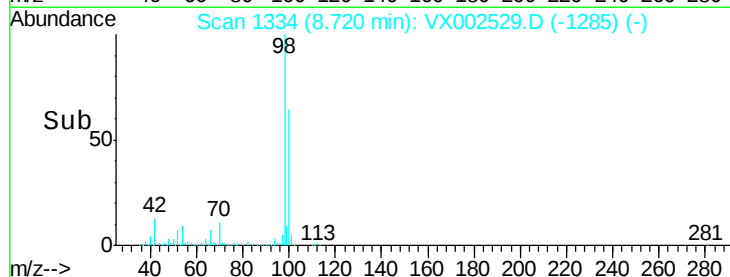
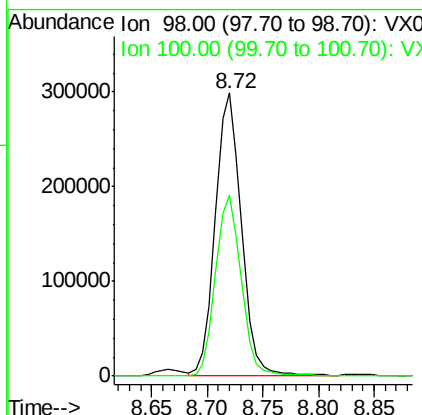
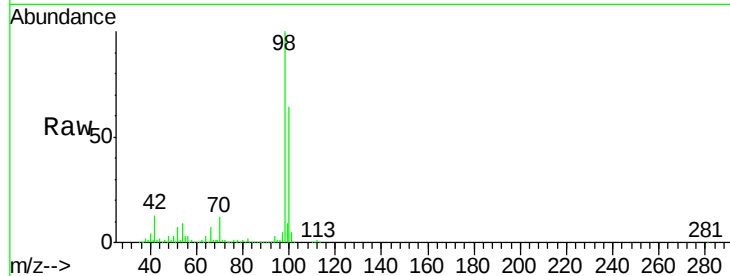




#50
Toluene-d8
Concen: 47.71 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002529.D
Acq: 14 Jun 2018 01:21

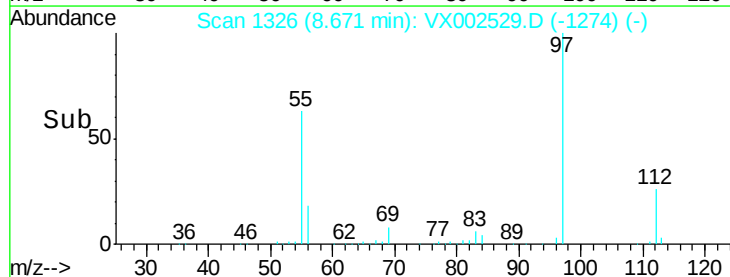
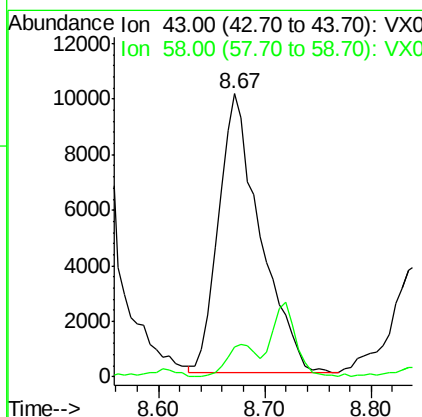
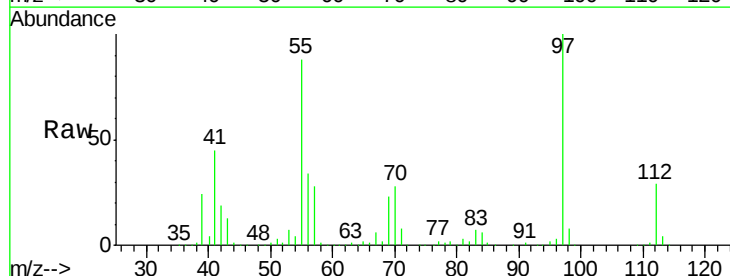
Instrument :
MSVOA_X
ClientSampleId :

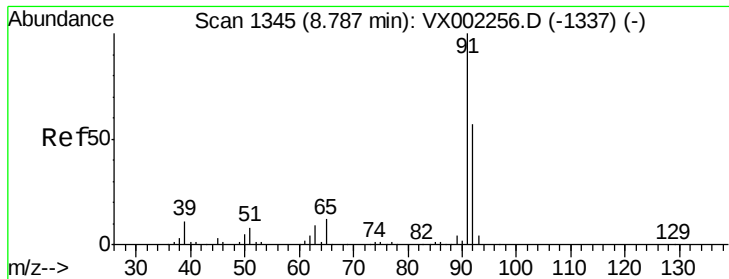
Tot Ion: 98 Resp: 482839
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 6.13 ug/l
RT: 8.67 min Scan# 1326
Delta R.T. 0.02 min
Lab File: VX002529.D
Acq: 14 Jun 2018 01:21

Tgt Ion: 43 Resp: 27530
Ion Ratio Lower Upper
43 100
58 8.4 28.6 42.8#





#52

Toluene

Concen: 2.25 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002529.D

Acq: 14 Jun 2018 01:21

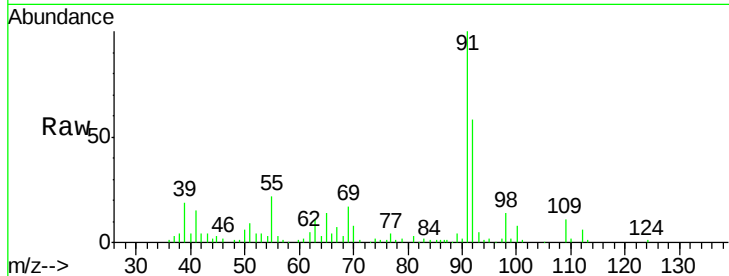
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 92 Resp: 15479

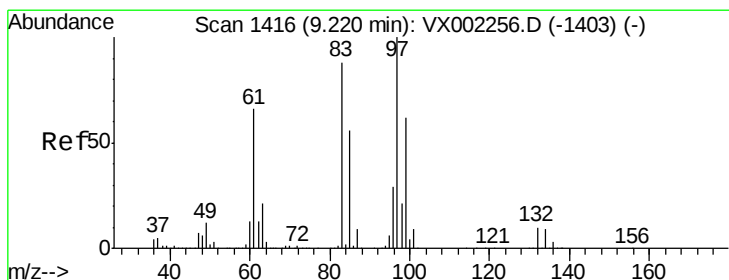
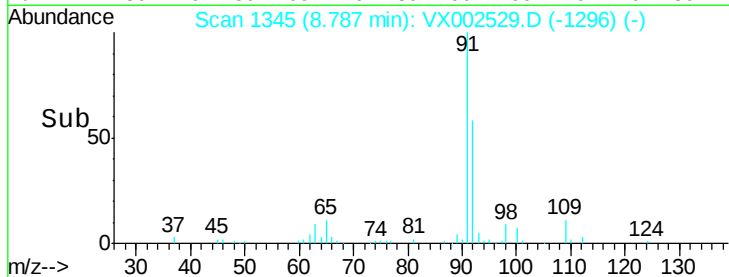
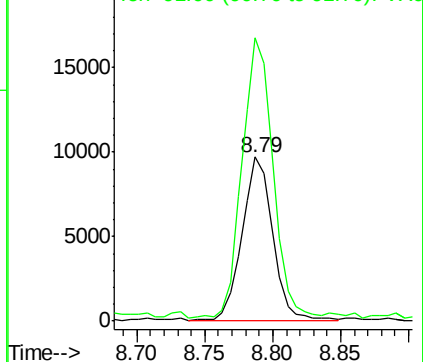
Ion Ratio Lower Upper

92 100

91 166.9 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 0.93 ug/l

RT: 9.27 min Scan# 1424

Delta R.T. 0.05 min

Lab File: VX002529.D

Acq: 14 Jun 2018 01:21

Tgt Ion: 97 Resp: 2626

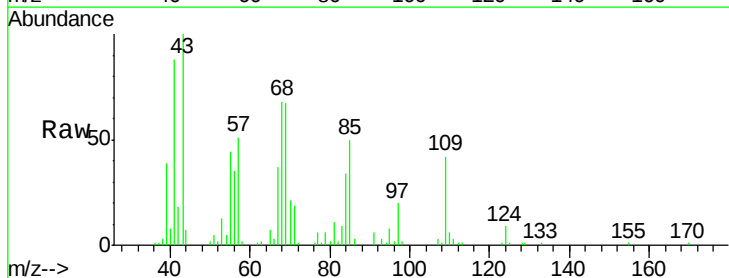
Ion Ratio Lower Upper

97 100

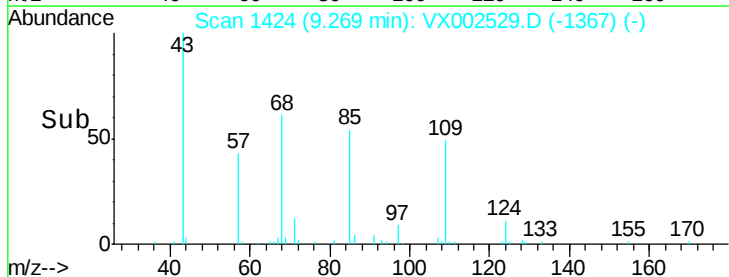
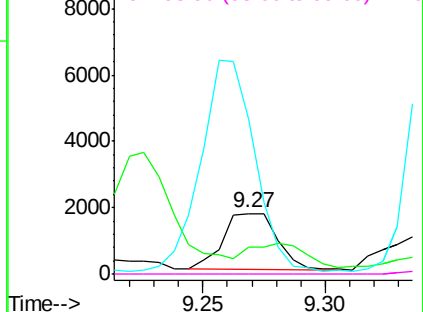
83 36.2 70.2 105.2#

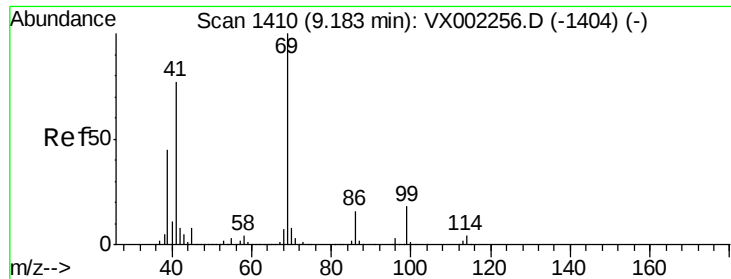
85 270.1 44.9 67.3#

99 0.0 49.8 74.8#



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

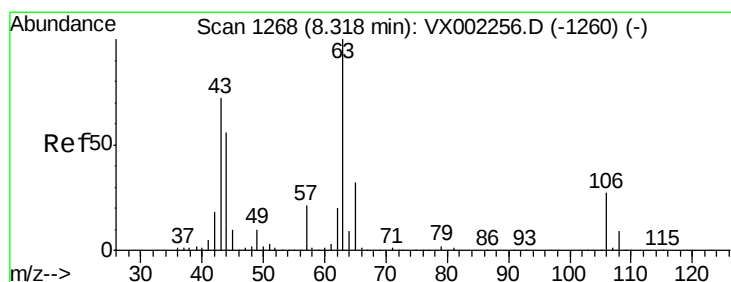
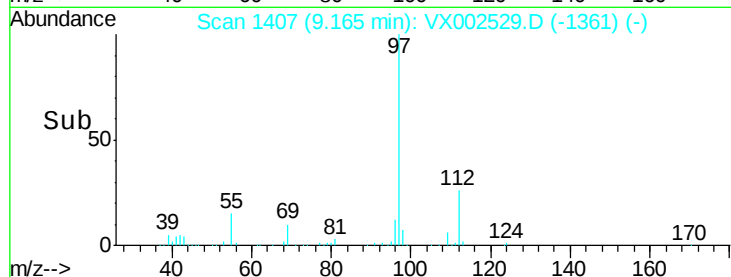
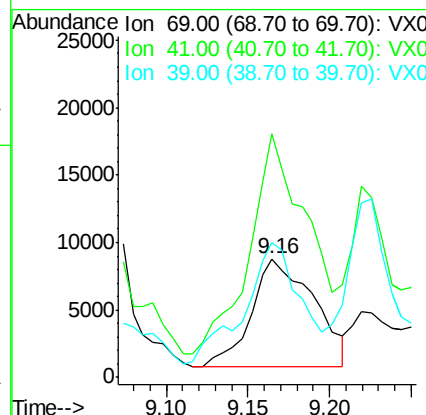
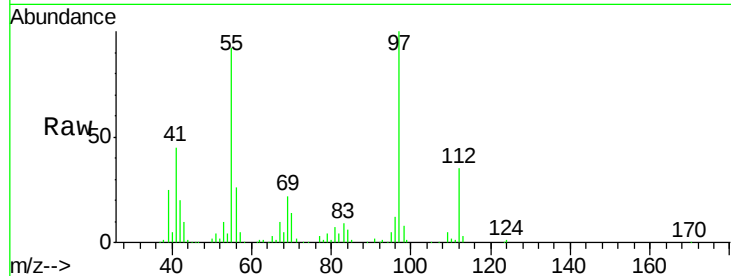




#56
Ethyl methacrylate
Concen: 4.74 ug/l
RT: 9.16 min Scan# 1407
Delta R.T. -0.02 min
Lab File: VX002529.D
Acq: 14 Jun 2018 01:21

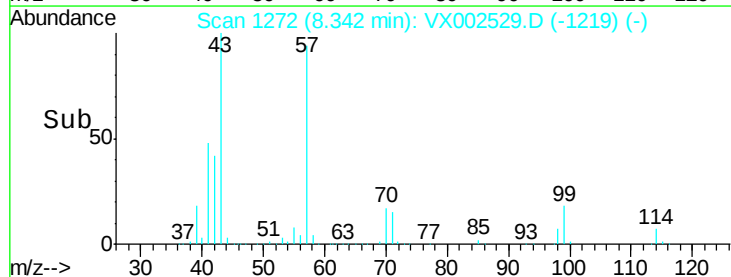
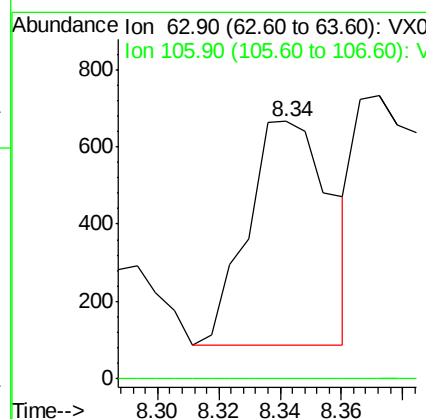
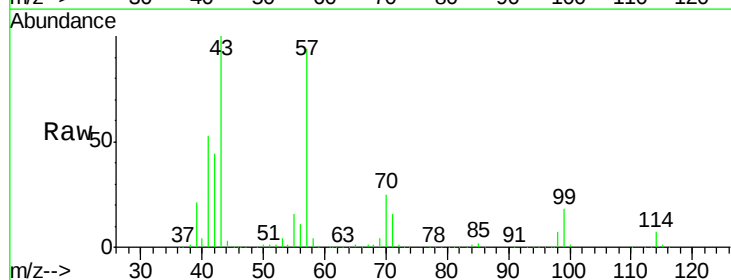
Instrument :
MSVOA_X
ClientSampleId :

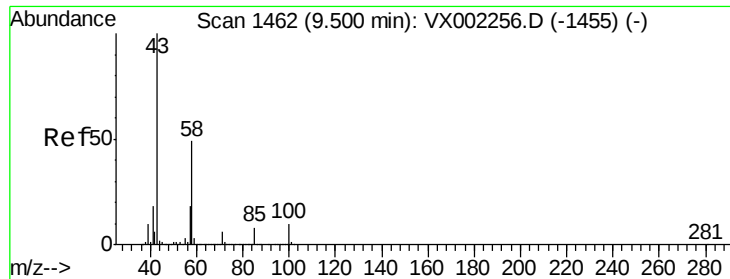
Tot Ion: 69 Resp: 21417
Ion Ratio Lower Upper
69 100
41 186.9 60.3 90.5#
39 99.8 35.8 53.8#



#58
2-Chloroethyl Vinyl ether
Concen: 0.52 ug/l
RT: 8.34 min Scan# 1272
Delta R.T. 0.02 min
Lab File: VX002529.D
Acq: 14 Jun 2018 01:21

Tgt Ion: 63 Resp: 1098
Ion Ratio Lower Upper
63 100
106 0.0 21.8 32.8#

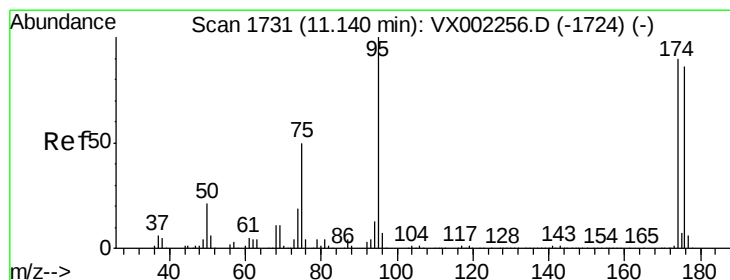
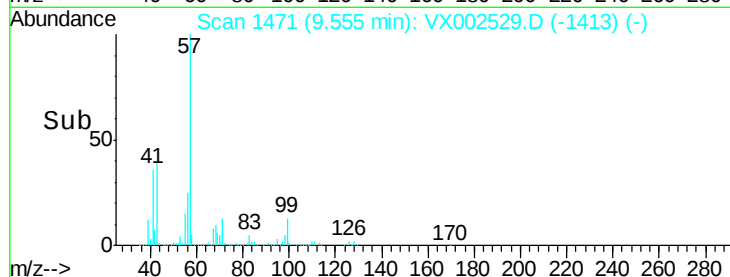
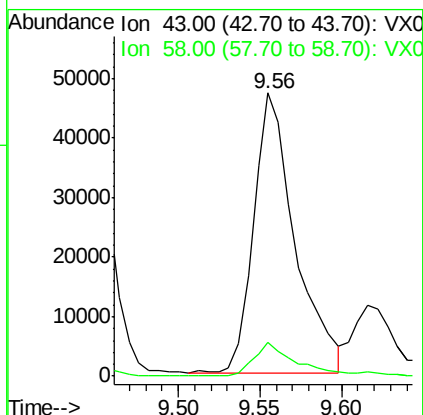
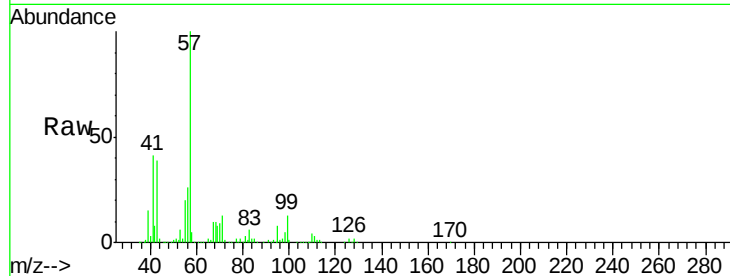




#59
2-Hexanone
Concen: 24.05 ug/l
RT: 9.56 min Scan# 1471
Delta R.T. 0.05 min
Lab File: VX002529.D
Acq: 14 Jun 2018 01:21

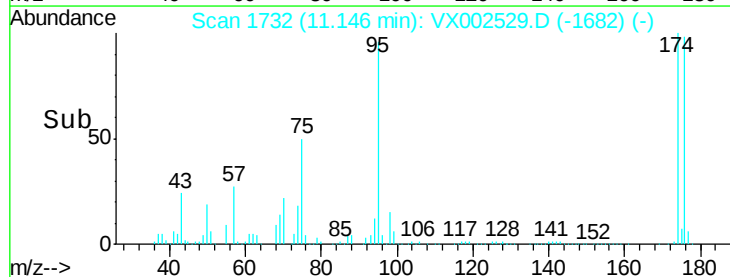
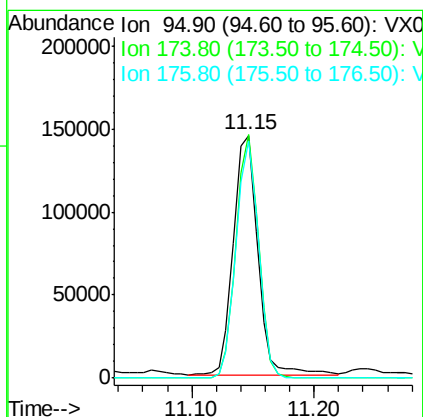
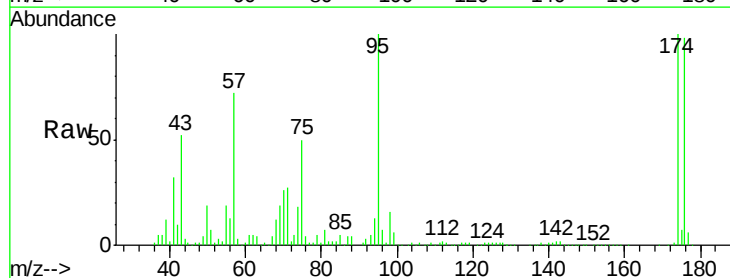
Instrument :
MSVOA_X
ClientSampled :

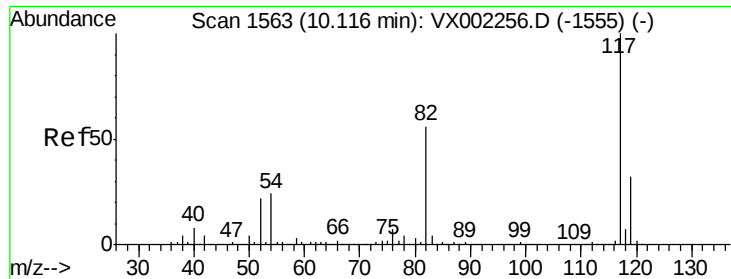
Tot Ion: 43 Resp: 83384
Ion Ratio Lower Upper
43 100
58 12.2 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 51.54 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX002529.D
Acq: 14 Jun 2018 01:21

Tgt Ion: 95 Resp: 201136
Ion Ratio Lower Upper
95 100
174 92.1 0.0 187.4
176 90.0 0.0 181.0

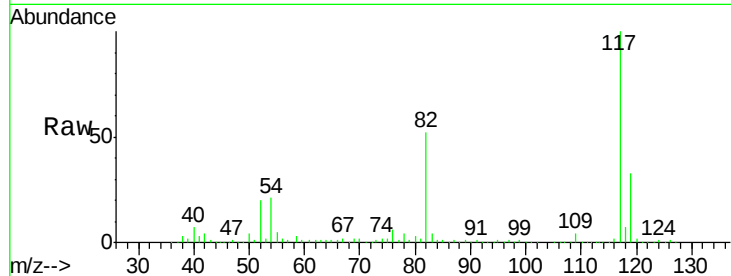




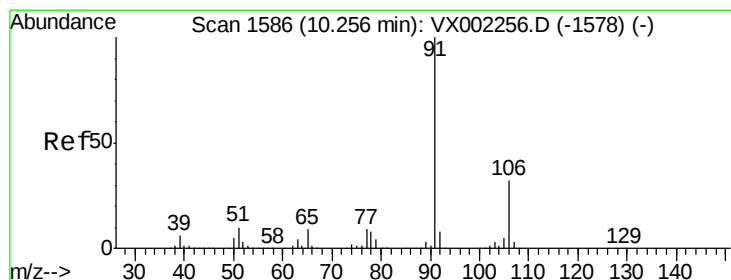
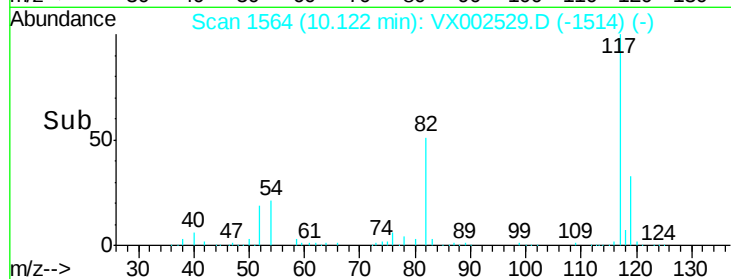
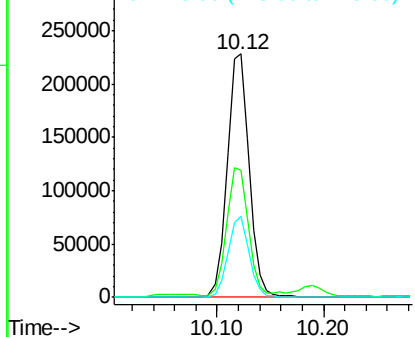
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX002529.D
Acq: 14 Jun 2018 01:21

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 329926
Ion Ratio Lower Upper
117 100
82 51.6 45.0 67.4
119 33.3 25.8 38.6

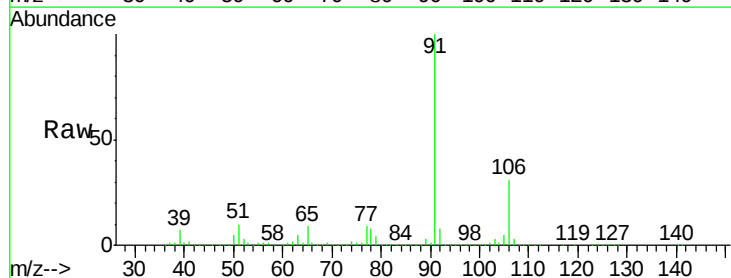


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

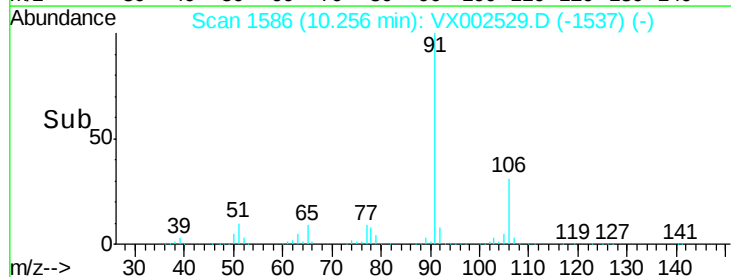
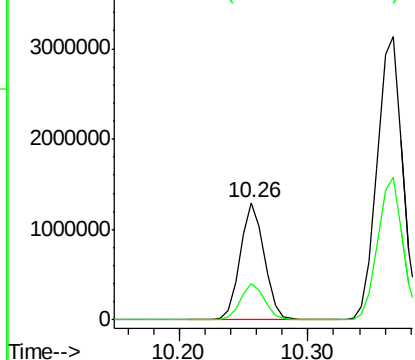


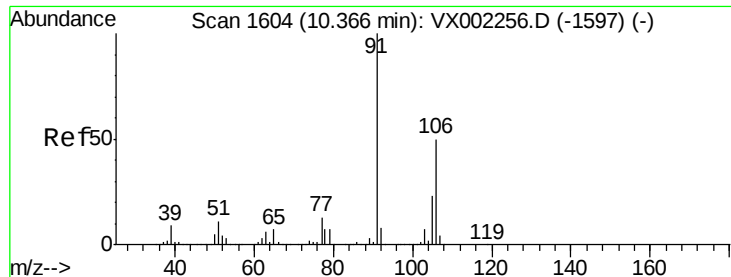
#67
Ethyl Benzene
Concen: 121.68 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002529.D
Acq: 14 Jun 2018 01:21

Tgt Ion: 91 Resp: 1671753
Ion Ratio Lower Upper
91 100
106 31.3 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

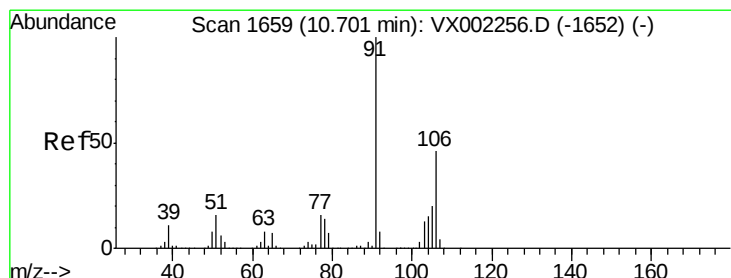
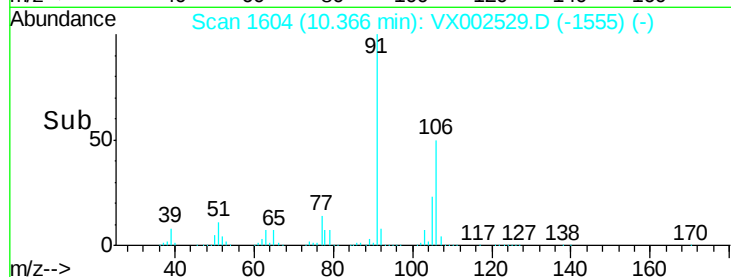
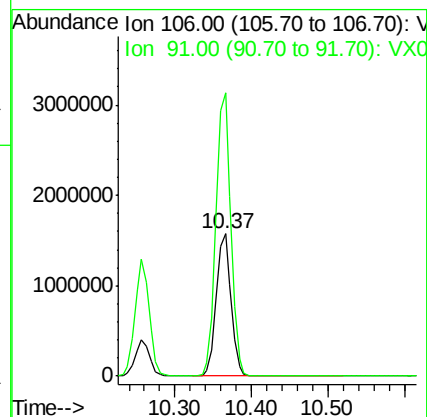
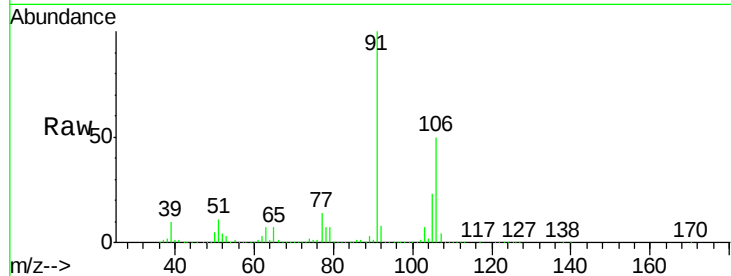




#68
m/p-Xvlenes
Concen: 393.13 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002529.D
Acq: 14 Jun 2018 01:21

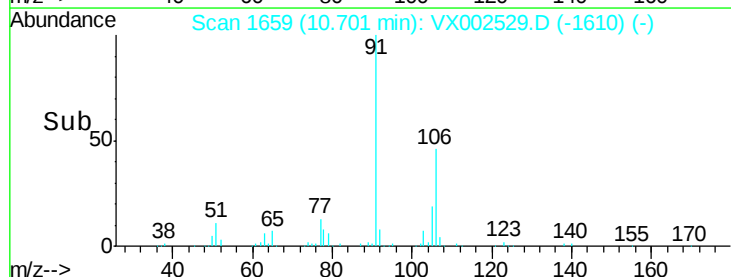
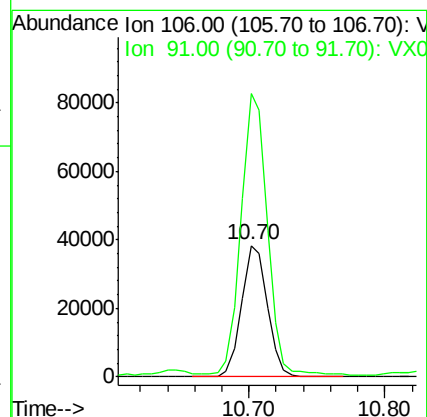
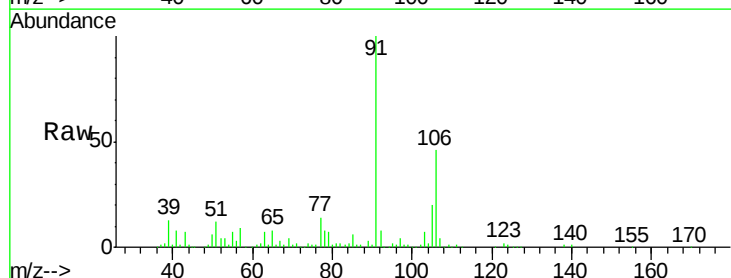
Instrument :
MSVOA_X
ClientSampleId :

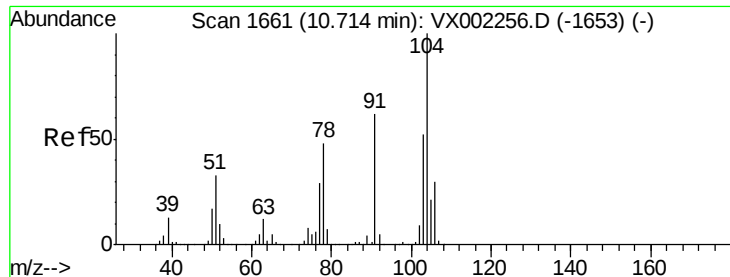
Tot Ion:106 Resp: 2099538
Ion Ratio Lower Upper
106 100
91 201.6 163.4 245.2



#69
o-Xylene
Concen: 9.48 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002529.D
Acq: 14 Jun 2018 01:21

Tgt Ion:106 Resp: 50391
Ion Ratio Lower Upper
106 100
91 220.4 108.2 324.6

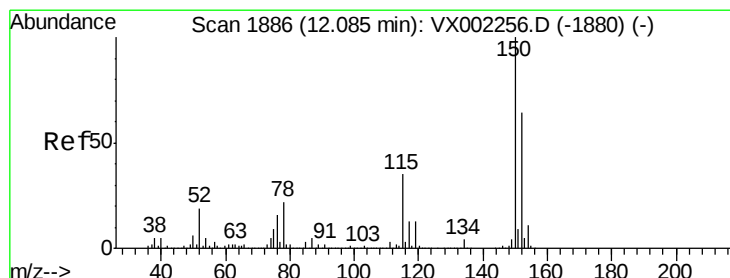
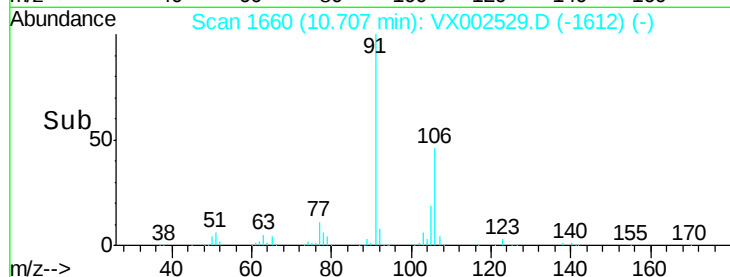
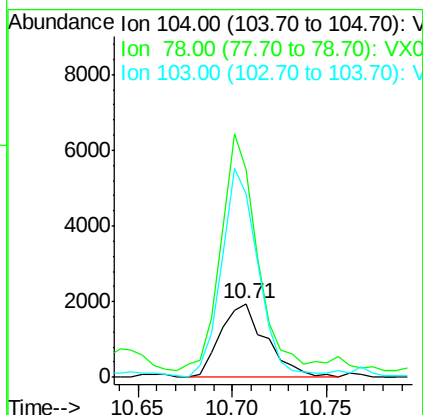
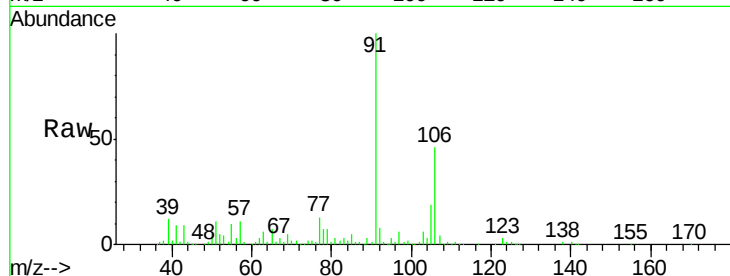




#70
Stvrene
Concen: 0.38 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.01 min
Lab File: VX002529.D
Acq: 14 Jun 2018 01:21

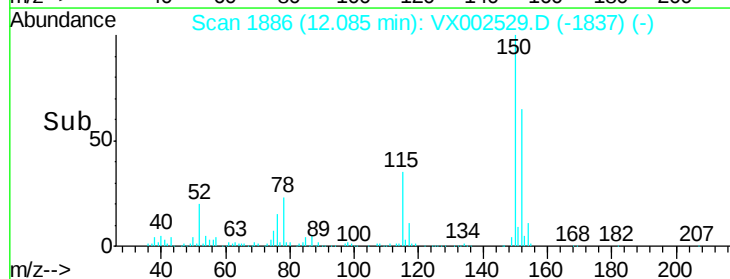
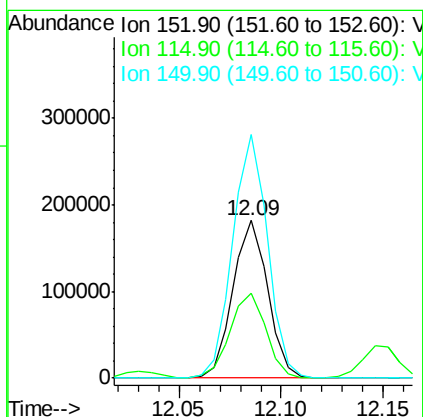
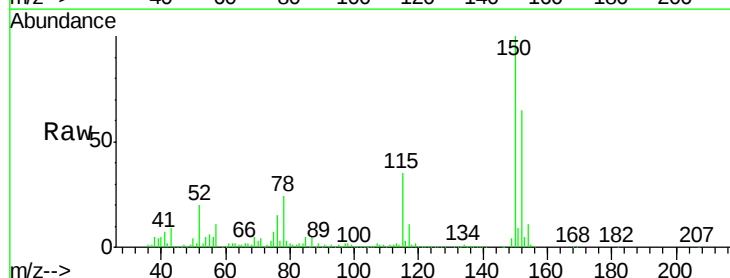
Instrument :
MSVOA_X
ClientSampleId :

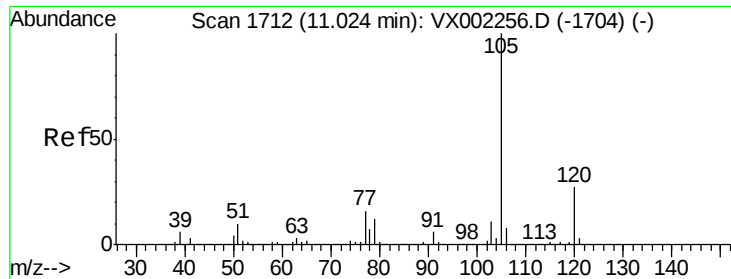
Tot Ion:104 Resp: 3291
Ion Ratio Lower Upper
104 100
78 254.8 41.0 61.6#
103 225.8 44.2 66.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002529.D
Acq: 14 Jun 2018 01:21

Tgt Ion:152 Resp: 214191
Ion Ratio Lower Upper
152 100
115 55.7 40.1 120.2
150 155.1 0.0 347.2





#73

Isopropylbenzene

Concen: 11.58 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002529.D

Acq: 14 Jun 2018 01:21

Instrument :

MSVOA_X

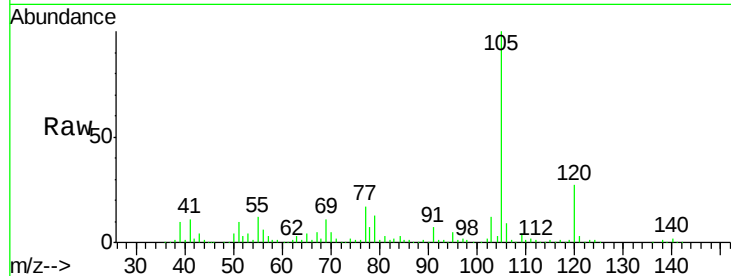
ClientSampleId :

Tot Ion:105 Resp: 172574

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

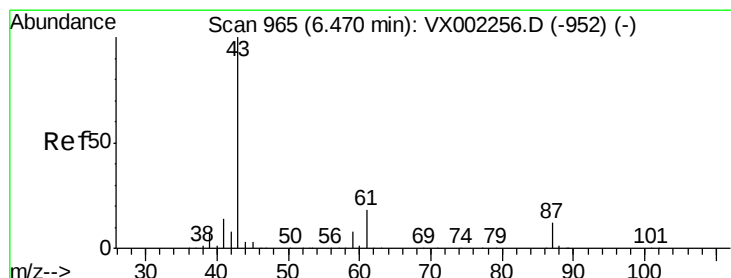
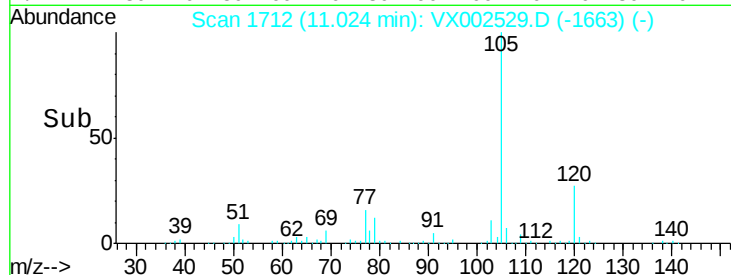
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 7.85 ug/l

RT: 6.28 min Scan# 933

Delta R.T. -0.20 min

Lab File: VX002529.D

Acq: 14 Jun 2018 01:21

Tgt Ion: 43 Resp: 63054

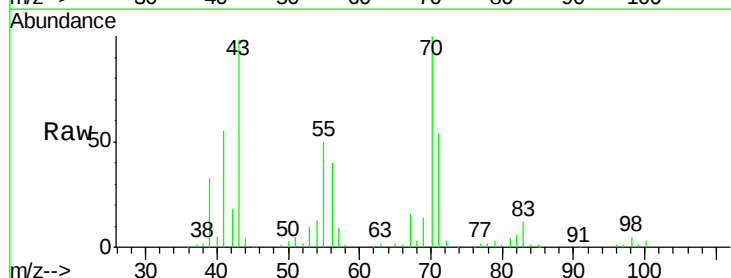
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 0.1 14.4 21.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

50000

40000

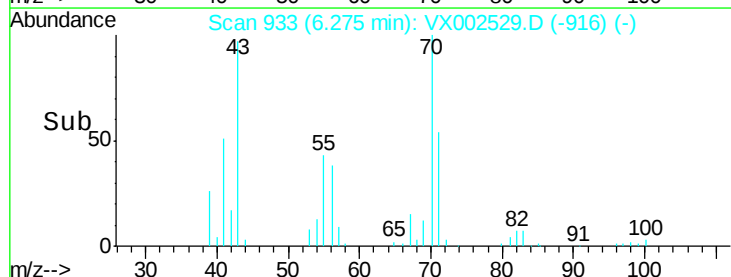
30000

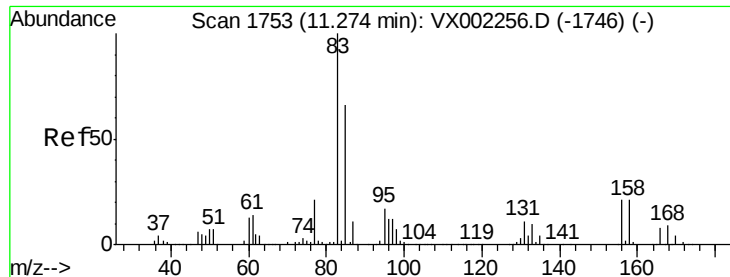
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 2.74 ug/l

RT: 11.25 min Scan# 1749

Delta R.T. -0.02 min

Lab File: VX002529.D

Acq: 14 Jun 2018 01:21

Instrument :

MSVOA_X

ClientSampleId :

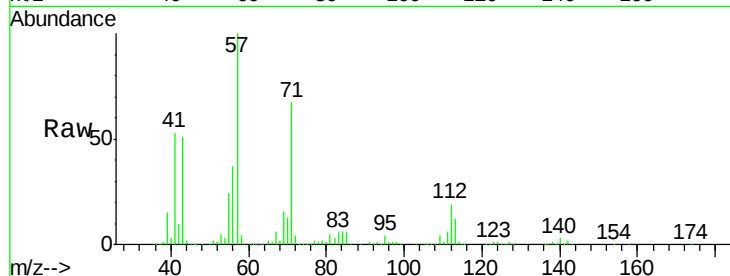
Tot Ion: 83 Resp: 12845

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

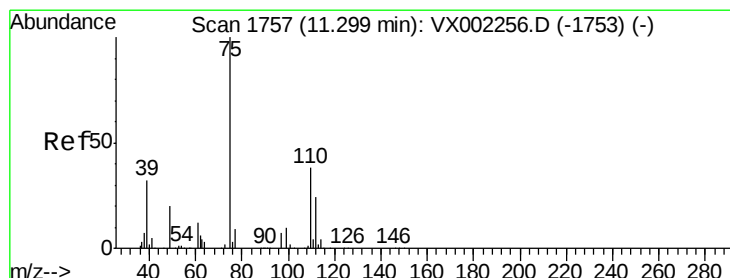
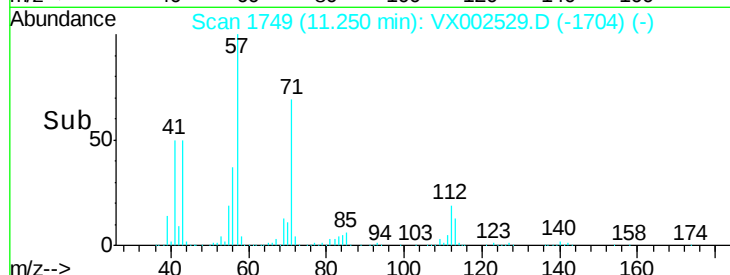
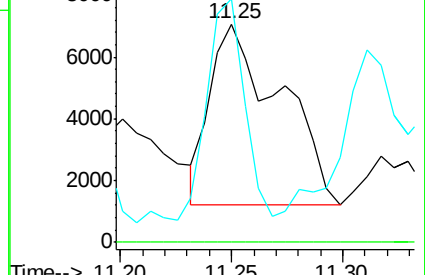
85 65.0 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.37 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.07 min

Lab File: VX002529.D

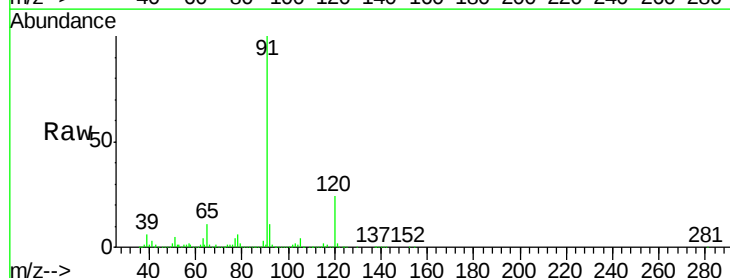
Acq: 14 Jun 2018 01:21

Tgt Ion: 75 Resp: 6423

Ion Ratio Lower Upper

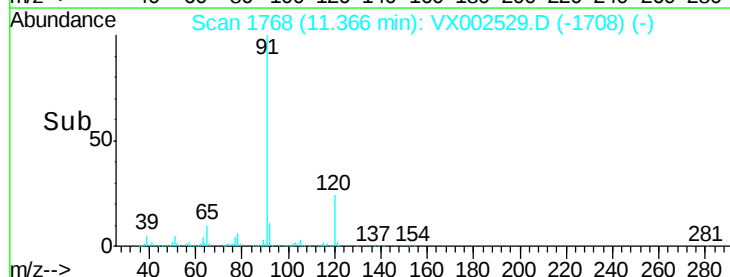
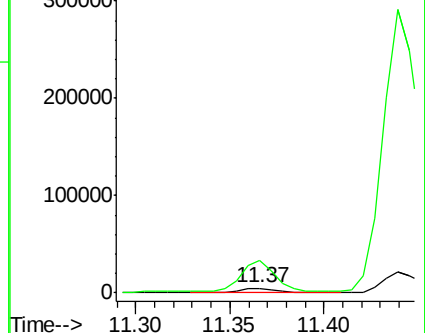
75 100

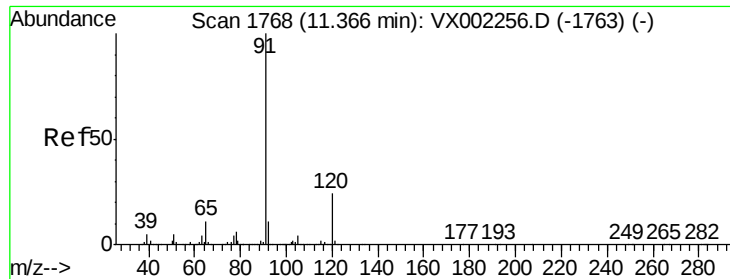
77 621.2 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 59.29 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002529.D

Acq: 14 Jun 2018 01:21

Instrument :

MSVOA_X

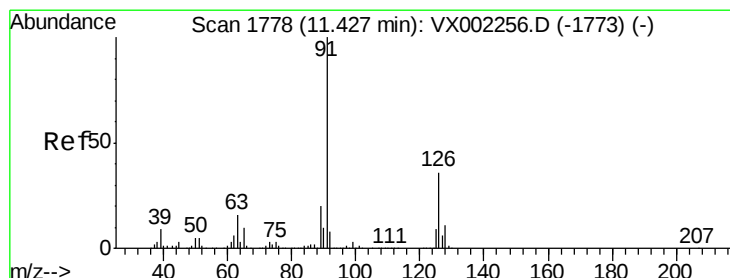
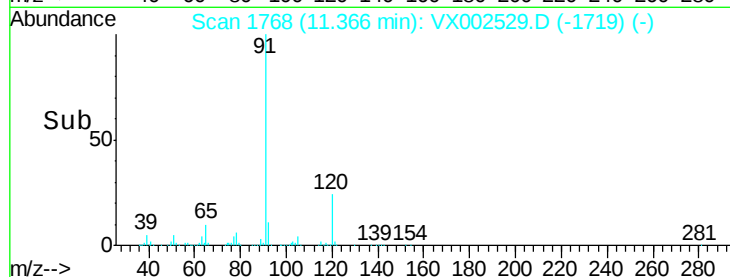
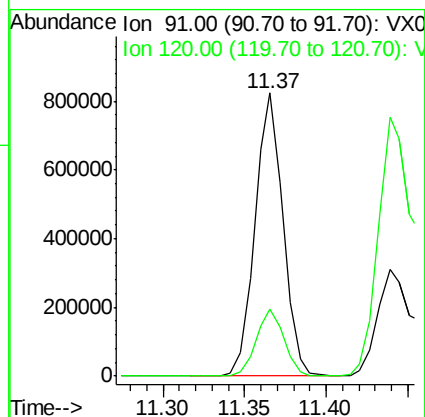
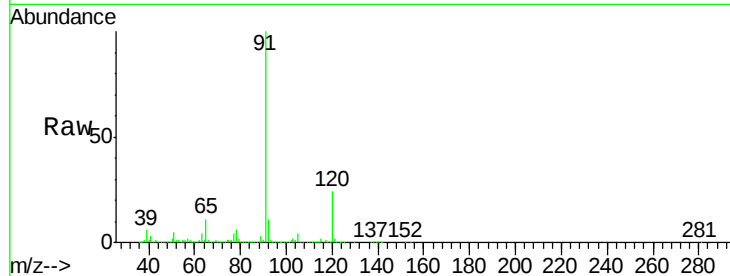
ClientSampleId :

Tot Ion: 91 Resp: 981986

Ion Ratio Lower Upper

91 100

120 23.6 11.8 35.4



#79

2-Chlorotoluene

Concen: 50.97 ug/l

RT: 11.44 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VX002529.D

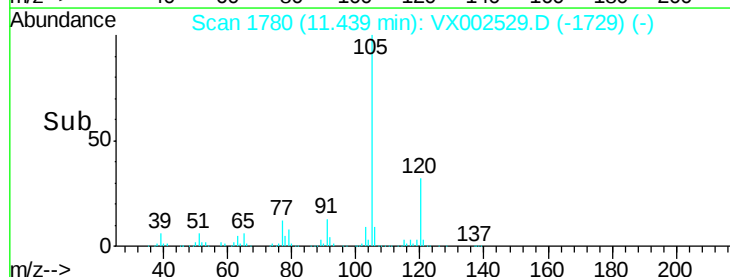
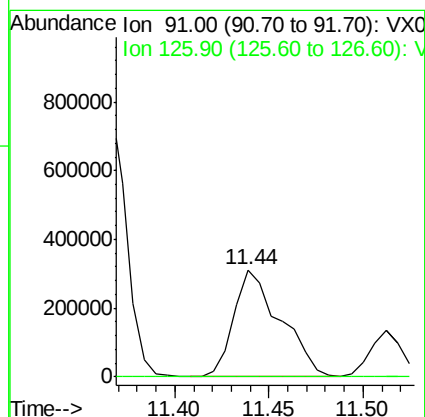
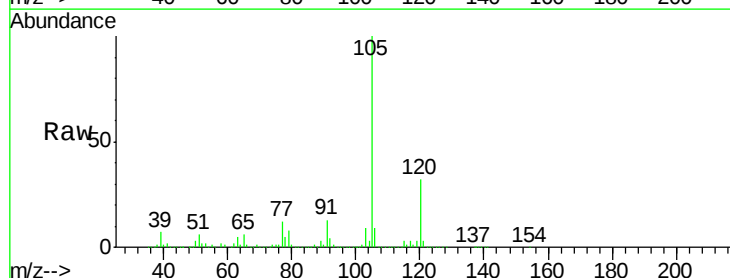
Acq: 14 Jun 2018 01:21

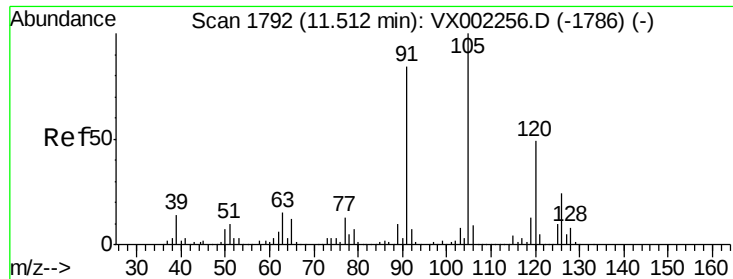
Tgt Ion: 91 Resp: 533034

Ion Ratio Lower Upper

91 100

126 0.4 17.7 53.1#

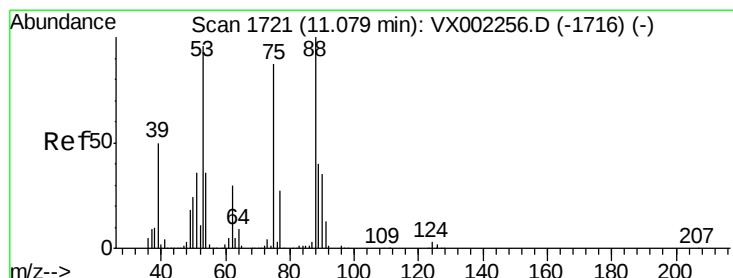
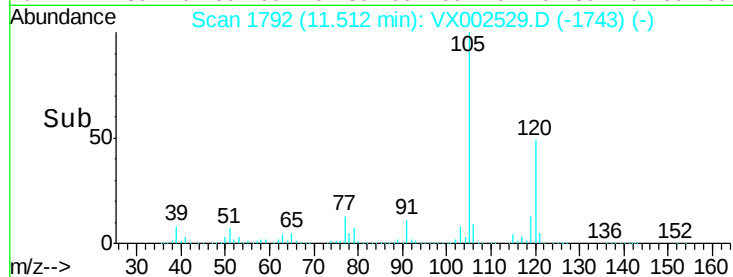
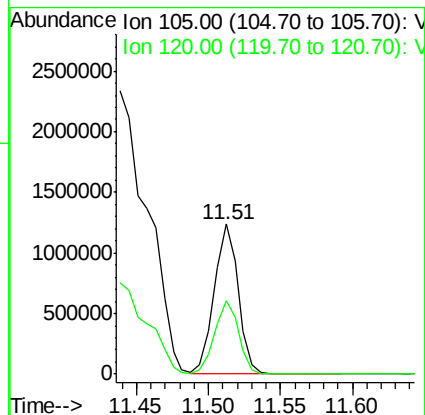
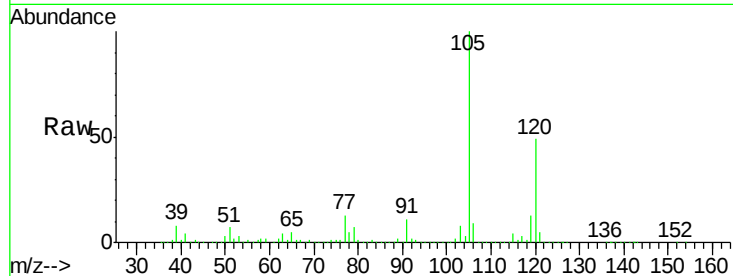




#80
 1,3,5-Trimethylbenzene
 Concen: 112.53 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002529.D
 Acq: 14 Jun 2018 01:21

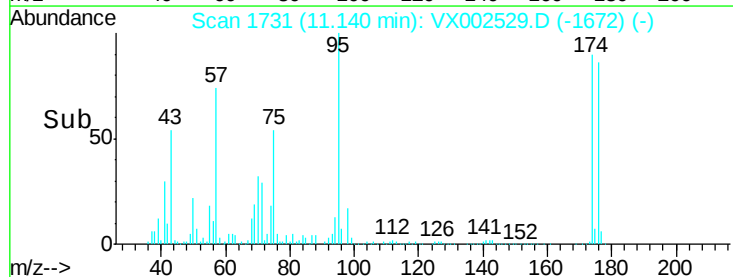
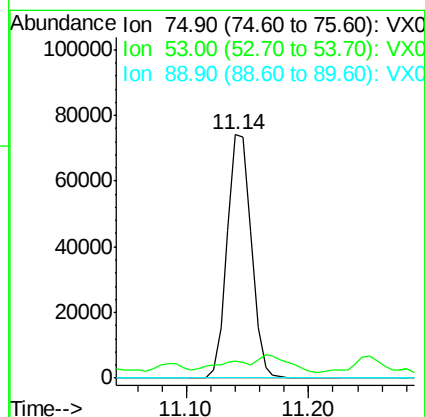
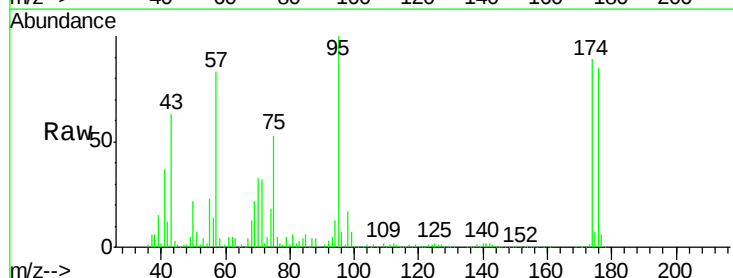
Instrument :
 MSVOA_X
 ClientSampled :

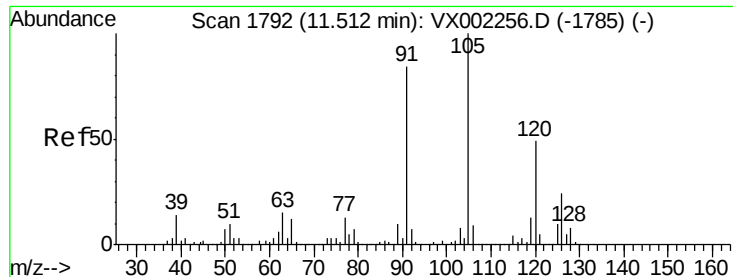
Tot Ion:105 Resp: 1438130
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.53 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX002529.D
 Acq: 14 Jun 2018 01:21

Tgt Ion: 75 Resp: 101264
 Ion Ratio Lower Upper
 75 100
 53 7.2 86.8 130.2#
 89 0.0 38.2 57.2#

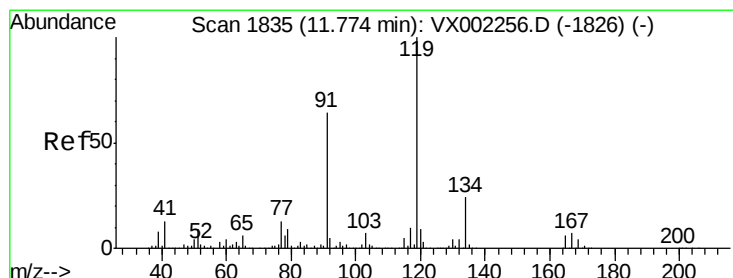
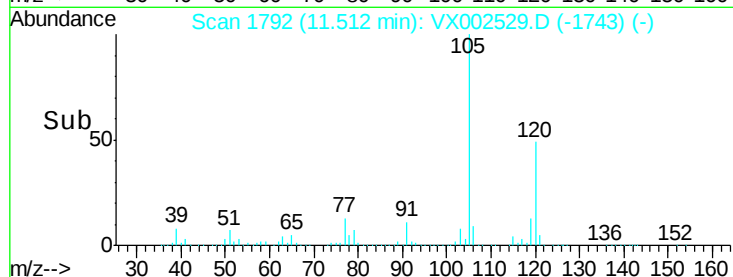
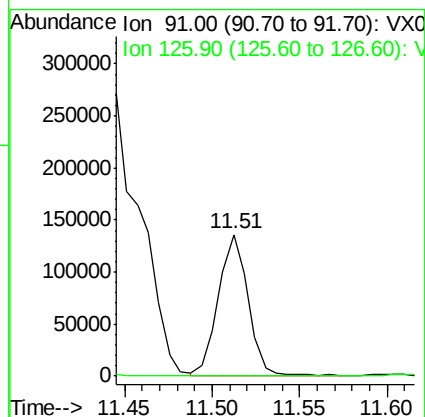
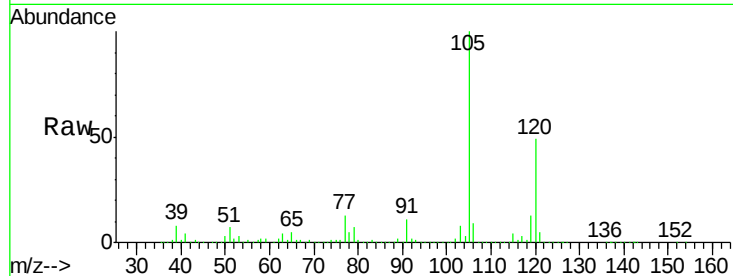




#82
4-Chlorotoluene
Concen: 13.07 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002529.D
Acq: 14 Jun 2018 01:21

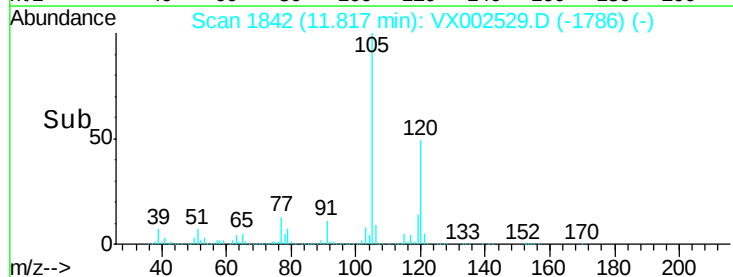
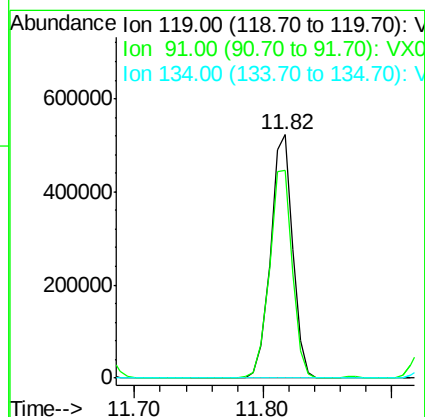
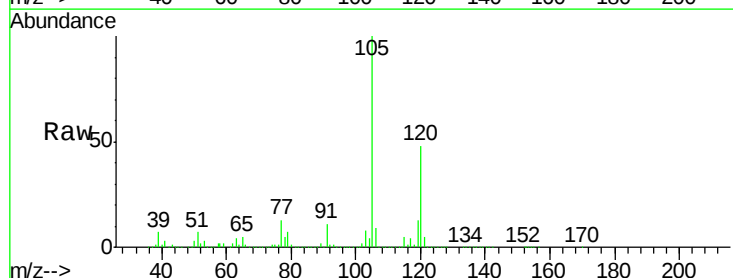
Instrument :
MSVOA_X
ClientSampleId :

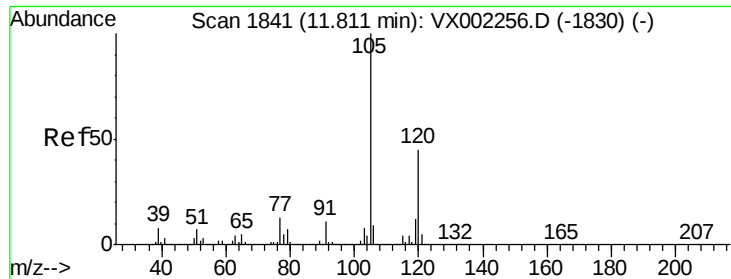
Tot Ion: 91 Resp: 157798
Ion Ratio Lower Upper
91 100
126 0.8 15.4 46.4#



#83
tert-Butylbenzene
Concen: 50.36 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.04 min
Lab File: VX002529.D
Acq: 14 Jun 2018 01:21

Tgt Ion: 119 Resp: 626781
Ion Ratio Lower Upper
119 100
91 87.7 30.3 90.9
134 0.0 11.7 35.1#





#84

1,2,4-Trimethylbenzene

Concen: 375.01 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. 0.01 min

Lab File: VX002529.D

Acq: 14 Jun 2018 01:21

Instrument :

MSVOA_X

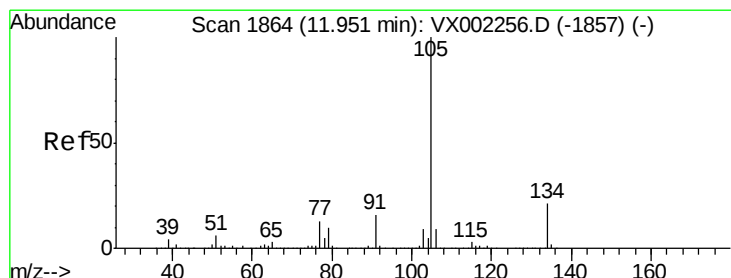
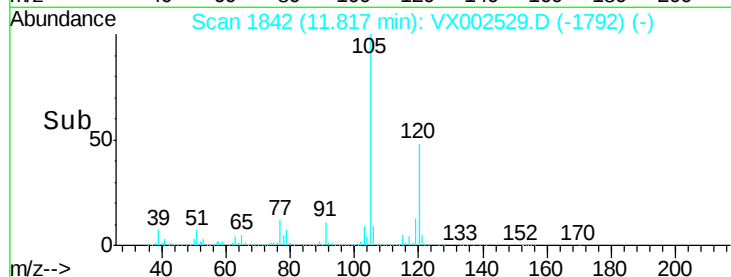
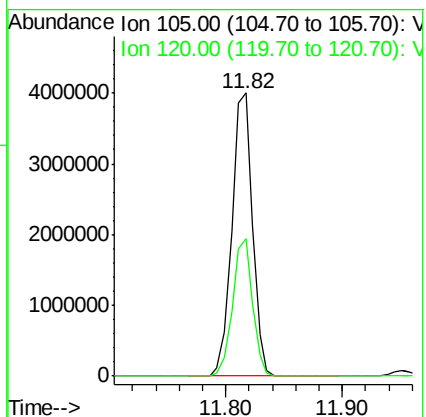
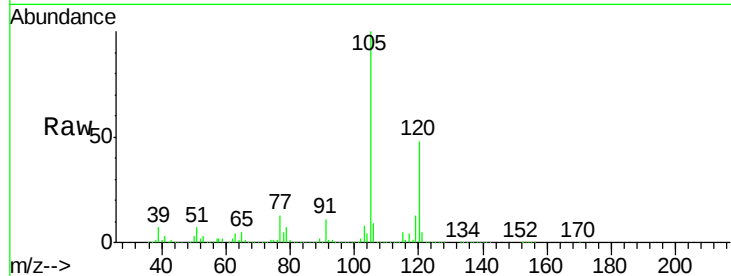
ClientSampleId :

Tot Ion:105 Resp: 4933572

Ion Ratio Lower Upper

105 100

120 46.9 22.3 66.8



#85

sec-Butylbenzene

Concen: 338.15 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. -0.13 min

Lab File: VX002529.D

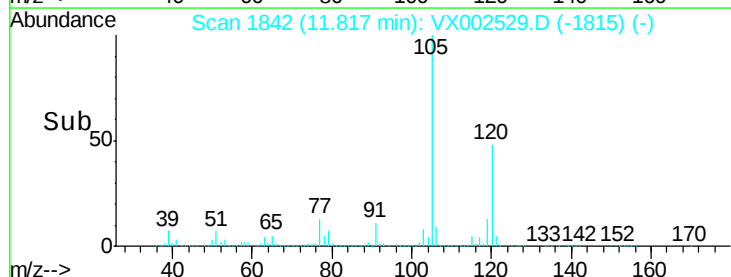
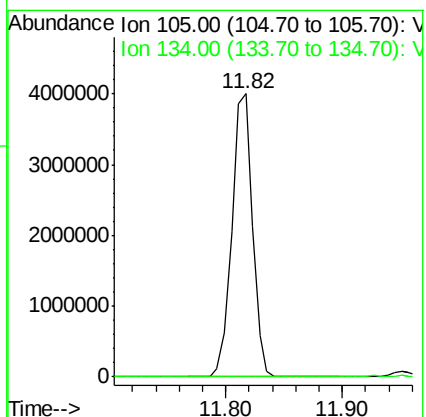
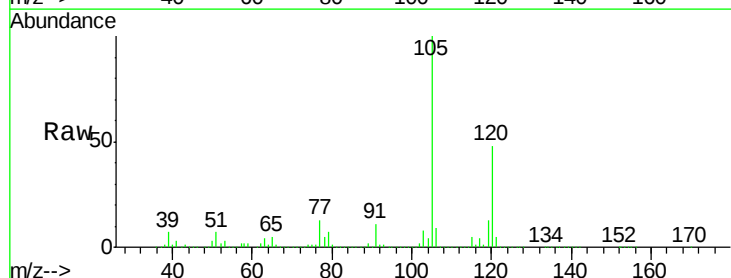
Acq: 14 Jun 2018 01:21

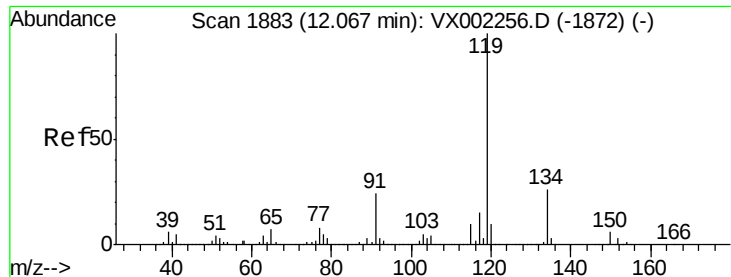
Tgt Ion:105 Resp: 4933572

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.1#

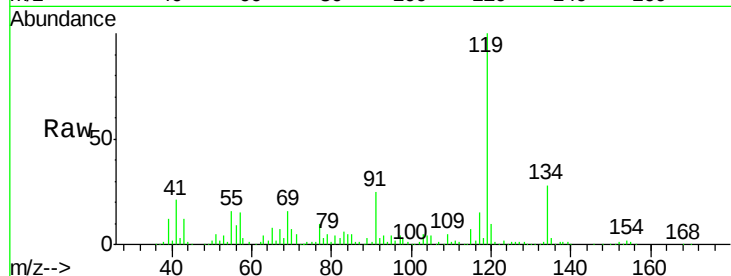




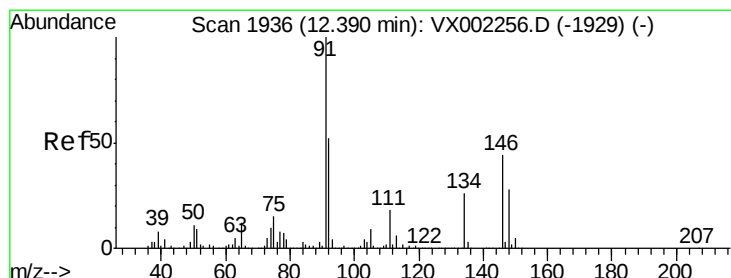
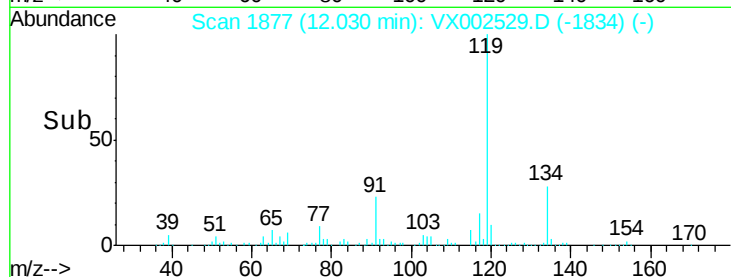
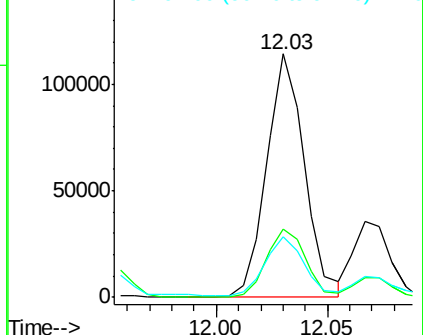
#86
p-Isopropyltoluene
Concen: 10.14 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. -0.04 min
Lab File: VX002529.D
Acq: 14 Jun 2018 01:21

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:119 Resp: 134779
Ion Ratio Lower Upper
119 100
134 29.3 13.4 40.1
91 24.1 11.9 35.7

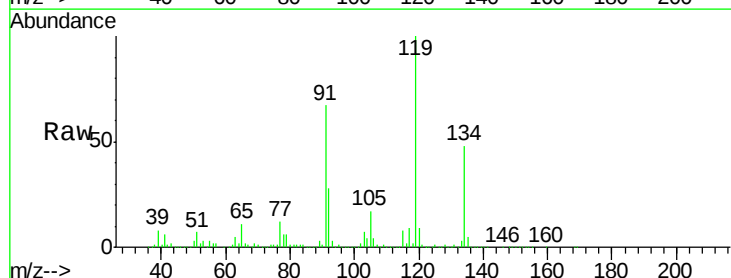


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

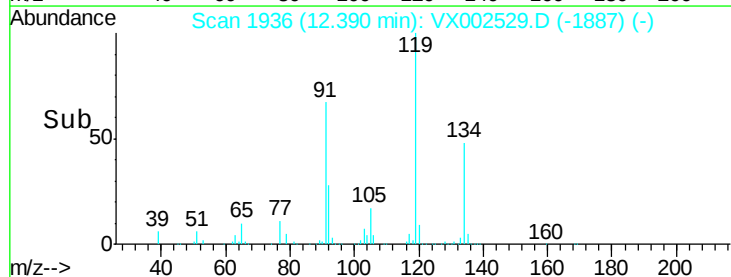
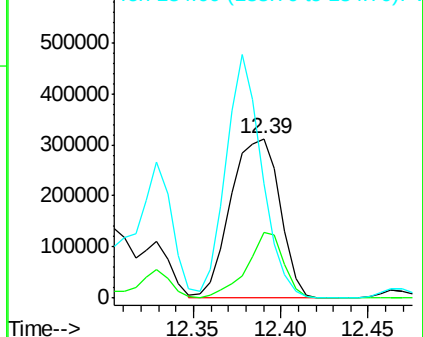


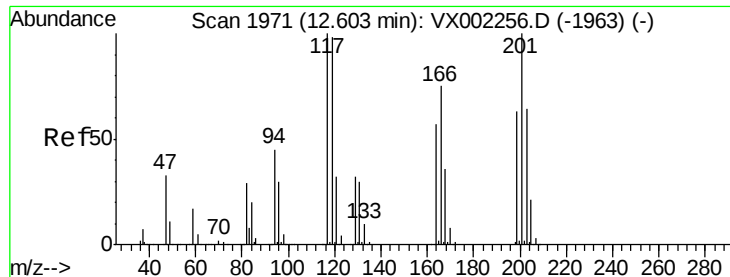
#89
n-Butylbenzene
Concen: 54.16 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002529.D
Acq: 14 Jun 2018 01:21

Tgt Ion: 91 Resp: 603697
Ion Ratio Lower Upper
91 100
92 31.1 26.0 78.0
134 112.3 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





#90

Hexachloroethane

Concen: 29.92 ug/l

RT: 12.62 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VX002529.D

Acq: 14 Jun 2018 01:21

Instrument :

MSVOA_X

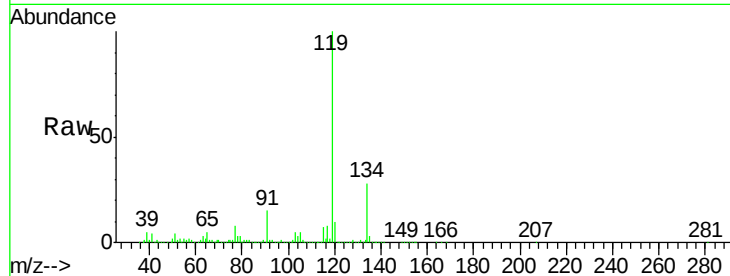
ClientSampleId :

Tot Ion:117 Resp: 63478

Ion Ratio Lower Upper

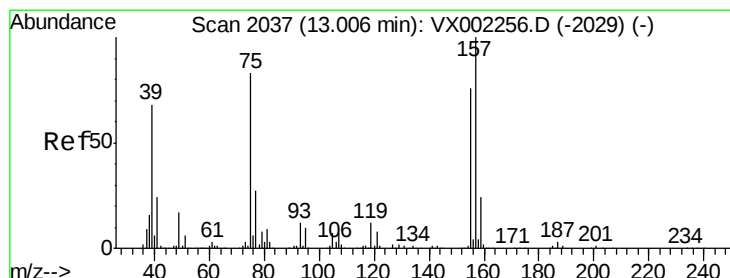
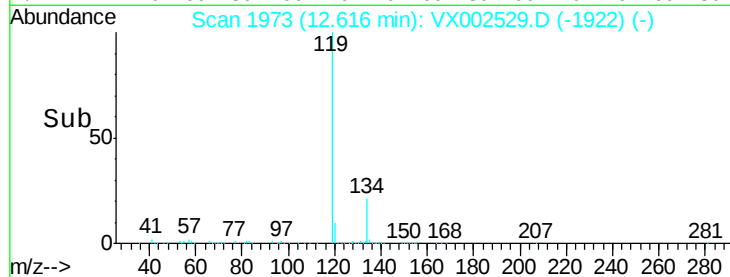
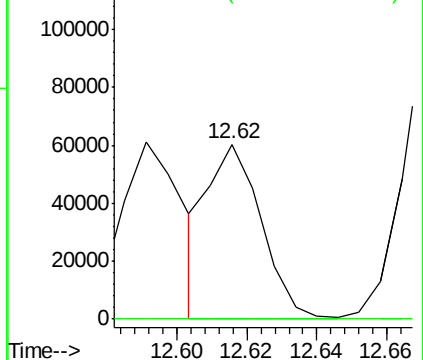
117 100

201 0.0 49.0 147.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 7.89 ug/l

RT: 13.02 min Scan# 2040

Delta R.T. 0.02 min

Lab File: VX002529.D

Acq: 14 Jun 2018 01:21

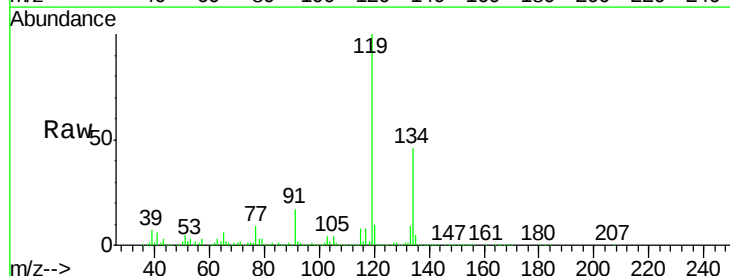
Tgt Ion: 75 Resp: 8087

Ion Ratio Lower Upper

75 100

155 18.7 45.8 137.4#

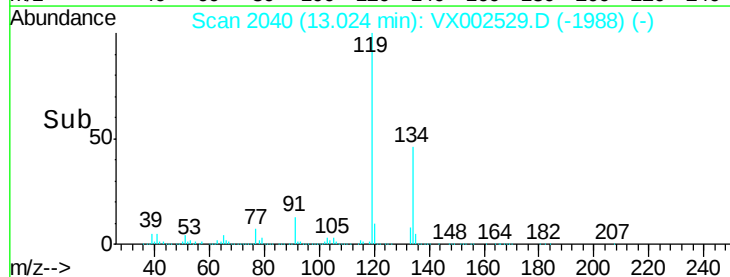
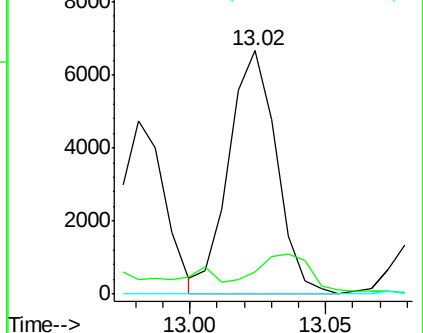
157 0.0 60.1 180.3#

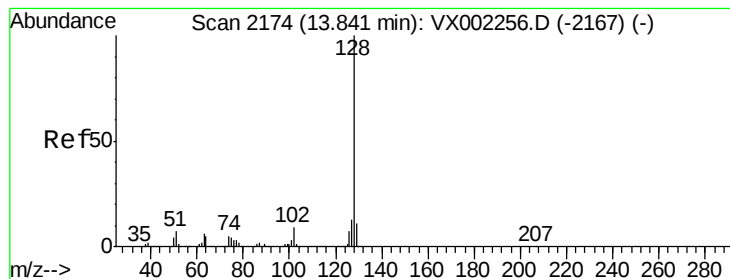


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 70.52 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002529.D

Acq: 14 Jun 2018 01:21

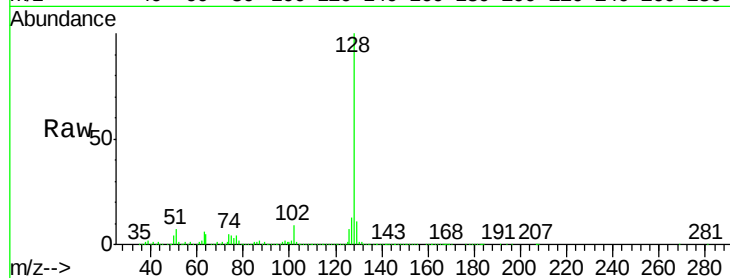
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 1099509

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	11.7	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

