

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002536.D
 Acq On : 14 Jun 2018 04:28
 Operator : JC/MD
 Sample : J3383-02
 Misc : 6.82g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 14 04:57:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	272089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	404234	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	404744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	262065	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	174634	44.50	ug/l	0.00
Spiked Amount			Recovery	=	89.00%	
35) Dibromofluoromethane	5.51	113	129005	40.58	ug/l	0.00
Spiked Amount			Recovery	=	81.16%	
50) Toluene-d8	8.72	98	633949	52.03	ug/l	0.00
Spiked Amount			Recovery	=	104.06%	
62) 4-Bromofluorobenzene	11.15	95	275652	58.67	ug/l	0.00
Spiked Amount			Recovery	=	117.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	674	Below Cal	#	1
5) Bromomethane	1.64	94	1671	Below Cal		97
8) Diethyl Ether	2.21	74	207	Below Cal		49
10) Methyl Iodide	2.48	142	1533	0.37	ug/l #	88
11) Tert butyl alcohol	3.03	59	29065	18.09	ug/l #	73
13) Acrolein	2.35	56	28101	65.54	ug/l #	83
14) Allyl chloride	2.81	41	272766	43.39	ug/l #	65
15) Acrylonitrile	3.14	53	97519	51.19	ug/l #	40
16) Acetone	2.35	43	82852	32.86	ug/l #	58
18) Methyl Acetate	2.81	43	676838	180.69	ug/l #	56
19) Methyl tert-butyl Ether	3.25	73	92	Below Cal	#	1
20) Methylene Chloride	2.85	84	1854	Below Cal	#	1
22) Diisopropyl ether	3.89	45	102	Below Cal	#	1
23) Vinyl Acetate	3.79	43	16367	1.61	ug/l #	81
25) 2-Butanone	4.76	43	4386	1.64	ug/l	99
26) 2,2-Dichloropropane	4.50	77	1134	0.23	ug/l #	53
28) Bromochloromethane	5.02	49	124	Below Cal	#	13
29) Tetrahydrofuran	5.22	42	16185	9.41	ug/l #	1
30) Chloroform	5.26	83	122683	20.46	ug/l #	34
31) Cyclohexane	5.57	56	2537799	516.57	ug/l #	86
36) 1,1-Dichloropropene	5.92	75	1041	0.24	ug/l #	1
37) Ethyl Acetate	4.87	43	5934	1.16	ug/l #	1
38) Carbon Tetrachloride	5.67	117	25028	5.63	ug/l #	15
39) Methylcyclohexane	7.46	83	5035084	954.25	ug/l	100
40) Benzene	6.14	78	10439	0.80	ug/l	99
41) Methacrylonitrile	5.04	41	37214	12.72	ug/l #	51
42) 1,2-Dichloroethane	6.25	62	5676	1.10	ug/l #	1
43) Isopropyl Acetate	6.28	43	615496	70.91	ug/l #	64
45) 1,2-Dichloropropane	7.46	63	55000	15.64	ug/l #	1
46) Dibromomethane	7.64	93	5455	2.29	ug/l #	1
47) Bromodichloromethane	7.85	83	49668	11.52	ug/l #	1
48) Methyl methacrylate	7.73	41	377570	86.59	ug/l #	54
49) 1,4-Dioxane	7.63	88	20	0.25	ug/l #	1
51) 4-Methyl-2-Pentanone	8.67	43	194090	35.90	ug/l #	55

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002536.D
 Acq On : 14 Jun 2018 04:28
 Operator : JC/MD
 Sample : J3383-02
 Misc : 6.82g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 39 Sample Multiplier: 1

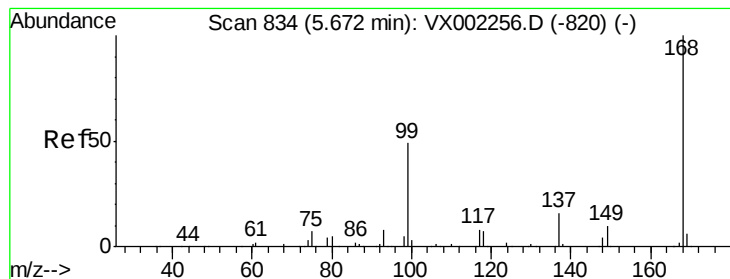
Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 14 04:57:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

52) Toluene	8.79	92	1967	0.24	ug/l #	55
55) 1,1,2-Trichloroethane	9.27	97	20062	5.89	ug/l #	1
56) Ethyl methacrylate	9.16	69	161370	29.65	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.35	63	8425	3.35	ug/l #	48
59) 2-Hexanone	9.45	43	610444	146.20	ug/l #	33
60) Dibromochloromethane	9.35	129	800	0.23	ug/l	78
61) 1,2-Dibromoethane	9.66	107	1895	0.53	ug/l #	1
65) Chlorobenzene	10.07	112	8807	0.87	ug/l #	63
67) Ethyl Benzene	10.26	91	7137423	423.48	ug/l	97
68) m/p-Xylenes	10.37	106	3080479	470.18	ug/l	96
69) o-Xylene	10.71	106	1993	0.31	ug/l	78
73) Isopropylbenzene	11.02	105	913472	50.11	ug/l	100
74) N-amyl acetate	6.28	43	615496	62.66	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	11.25	83	24716	4.31	ug/l #	1
76) 1,2,3-Trichloropropane	11.37	75	30582	5.32	ug/l #	1
78) n-propylbenzene	11.37	91	4741616	234.01	ug/l	99
79) 2-Chlorotoluene	11.46	91	798585	62.42	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	3966274	253.65	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.02	75	11533	7.03	ug/l #	1
82) 4-Chlorotoluene	11.51	91	444616	30.11	ug/l #	45
83) tert-Butylbenzene	11.82	119	2661426	174.79	ug/l #	62
84) 1,2,4-Trimethylbenzene	11.82	105	14139516	878.44	ug/l	70
85) sec-Butylbenzene	11.82	105	14139516	792.09	ug/l #	56
86) p-Isopropyltoluene	12.07	119	136175	8.38	ug/l #	77
89) n-Butylbenzene	12.39	91	1603479	117.58	ug/l #	38
90) Hexachloroethane	12.59	117	221376	85.29	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.02	75	22395	17.86	ug/l #	2
95) Naphthalene	13.84	128	2920800	153.12	ug/l	98
96) 1,2,3-Trichlorobenzene	14.04	180	1393	0.21	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002536.D

Acq: 14 Jun 2018 04:28

Instrument :

MSVOA_X

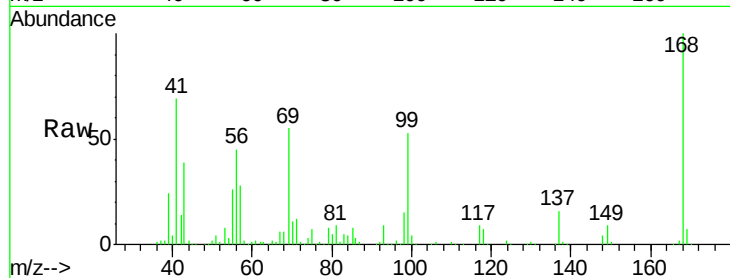
ClientSampled :

Tot Ion:168 Resp: 272089

Ion Ratio Lower Upper

168 100

99 52.5 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

100000

80000

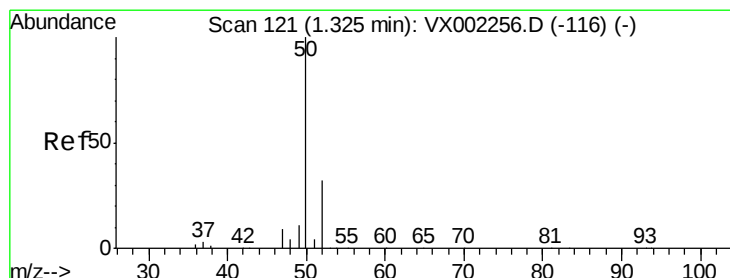
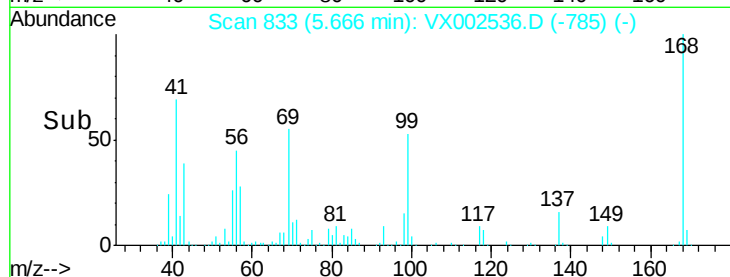
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002536.D

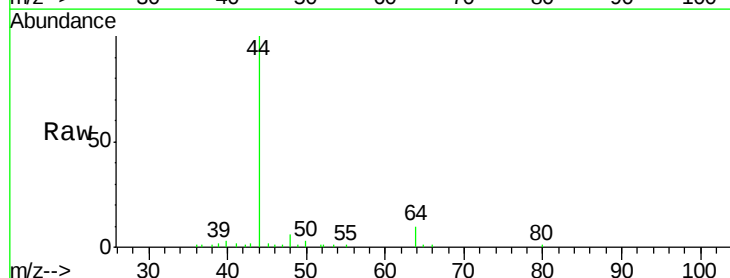
Acq: 14 Jun 2018 04:28

Tgt Ion: 50 Resp: 674

Ion Ratio Lower Upper

50 100

52 96.8 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

300

250

200

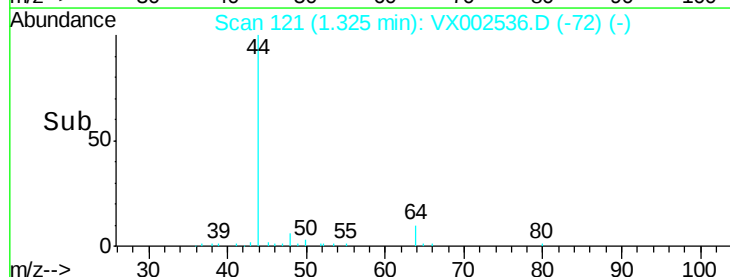
150

100

50

0

Time--> 1.25 1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002536.D

Acq: 14 Jun 2018 04:28

Instrument :

MSVOA_X

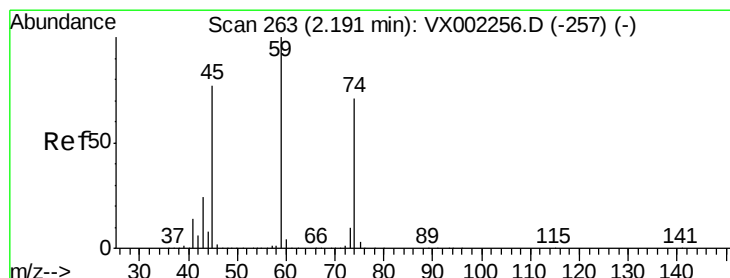
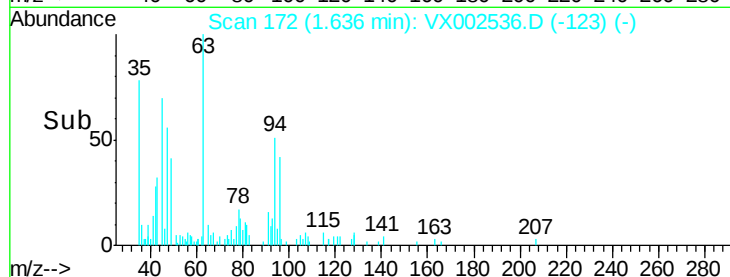
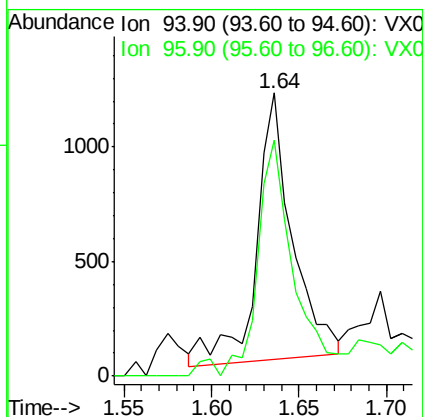
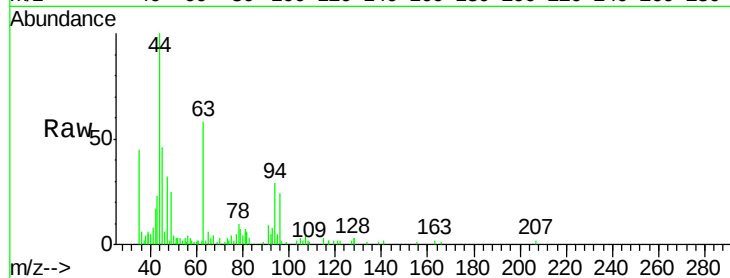
ClientSampleId :

Tot Ion: 94 Resp: 1671

Ion Ratio Lower Upper

94 100

96 90.3 74.9 112.3



#8

Diethyl Ether

Concen: Below Cal

RT: 2.21 min Scan# 266

Delta R.T. 0.02 min

Lab File: VX002536.D

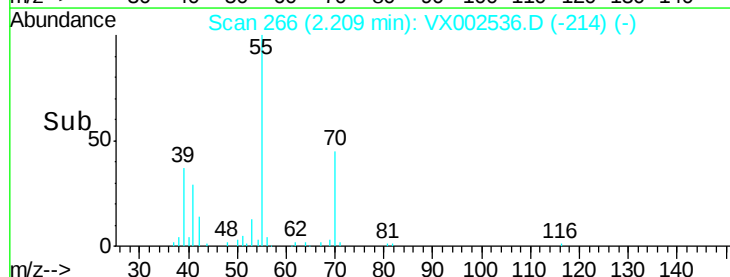
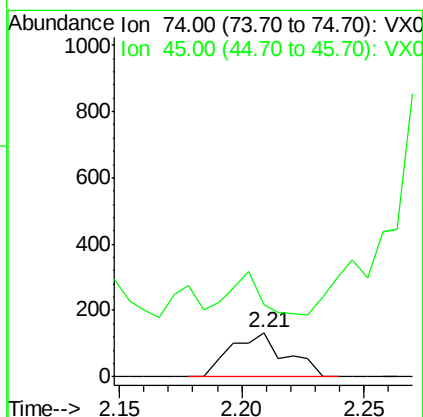
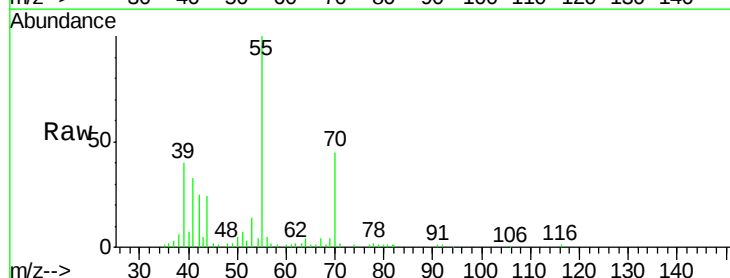
Acq: 14 Jun 2018 04:28

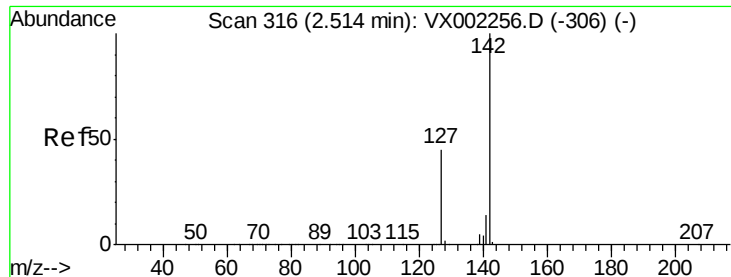
Tgt Ion: 74 Resp: 207

Ion Ratio Lower Upper

74 100

45 53.6 53.1 159.4

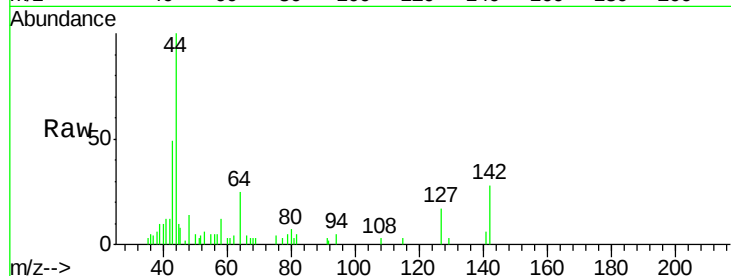




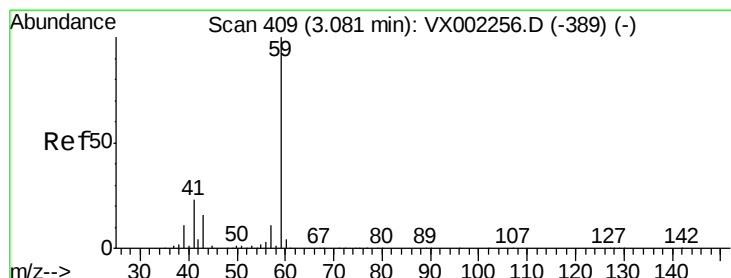
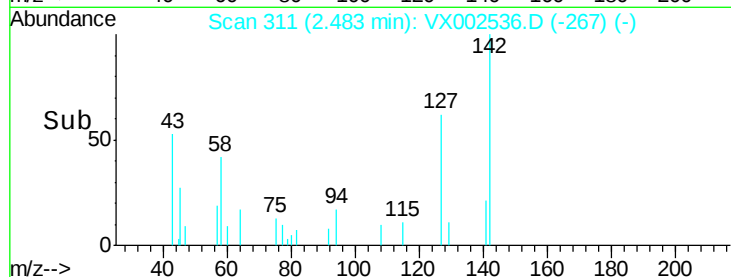
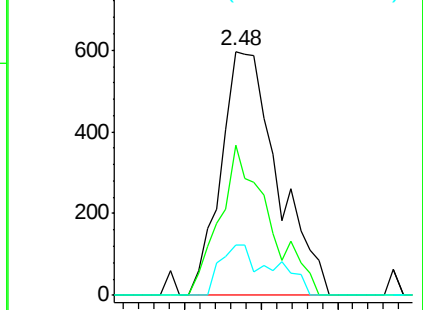
#10
Methyl Iodide
Concen: 0.37 ug/l
RT: 2.48 min Scan# 311
Delta R.T. -0.03 min
Lab File: VX002536.D
Acq: 14 Jun 2018 04:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:142 Resp: 1533
Ion Ratio Lower Upper
142 100
127 53.3 36.6 55.0
141 19.0 11.3 16.9#

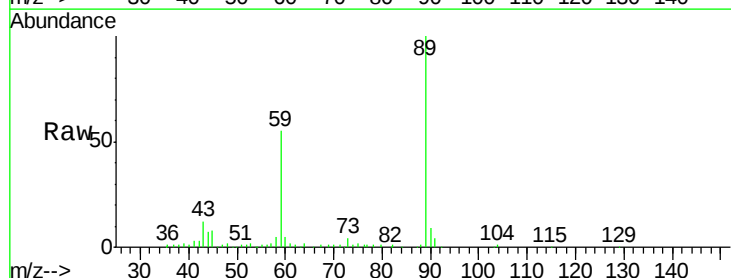


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

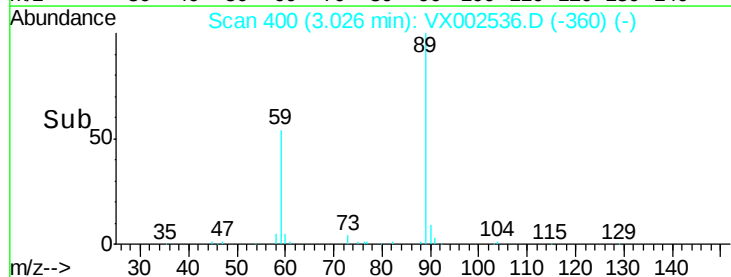
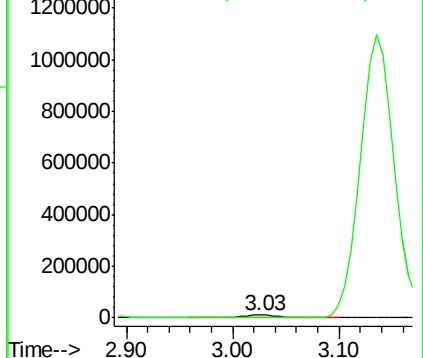


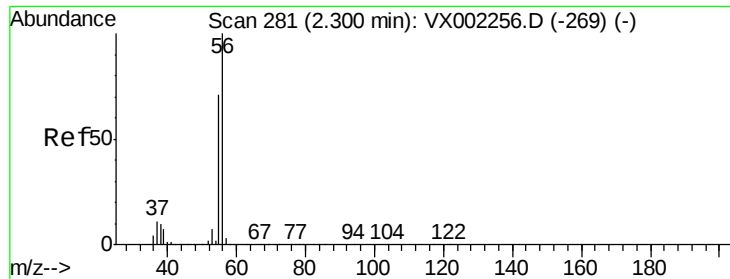
#11
Tert butyl alcohol
Concen: 18.09 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.05 min
Lab File: VX002536.D
Acq: 14 Jun 2018 04:28

Tgt Ion: 59 Resp: 29065
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





#13

Acrolein

Concen: 65.54 ug/l

RT: 2.35 min Scan# 289

Delta R.T. 0.05 min

Lab File: VX002536.D

Acq: 14 Jun 2018 04:28

Instrument :

MSVOA_X

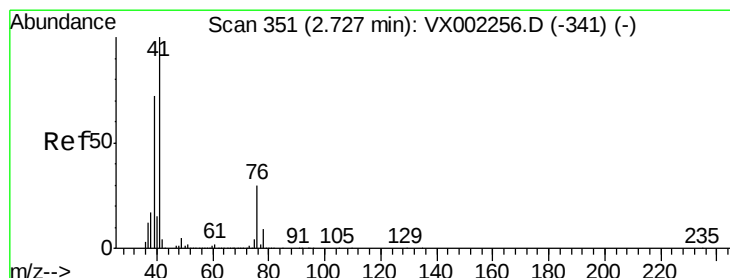
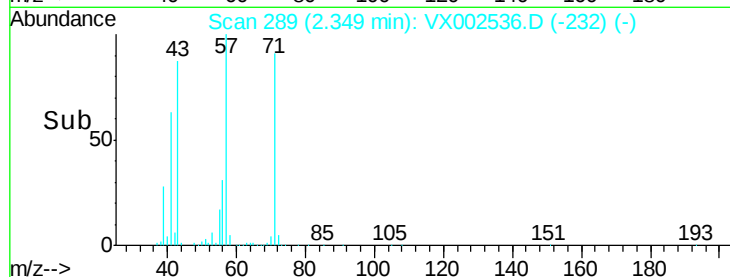
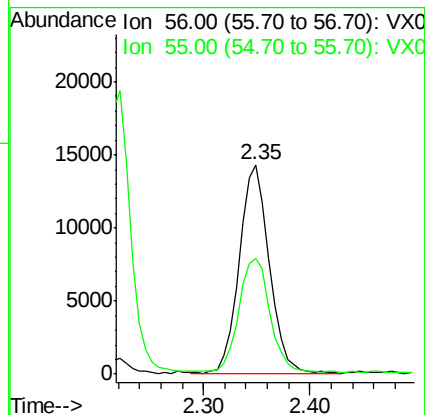
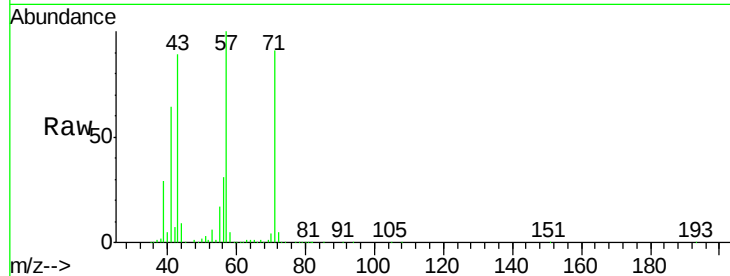
ClientSampleId :

Tot Ion: 56 Resp: 28101

Ion Ratio Lower Upper

56 100

55 56.8 57.0 85.4#



#14

Allyl chloride

Concen: 43.39 ug/l

RT: 2.81 min Scan# 364

Delta R.T. 0.08 min

Lab File: VX002536.D

Acq: 14 Jun 2018 04:28

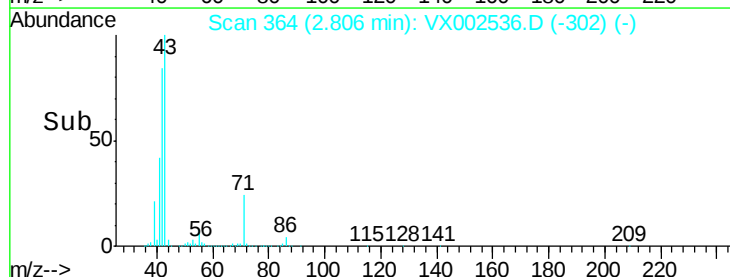
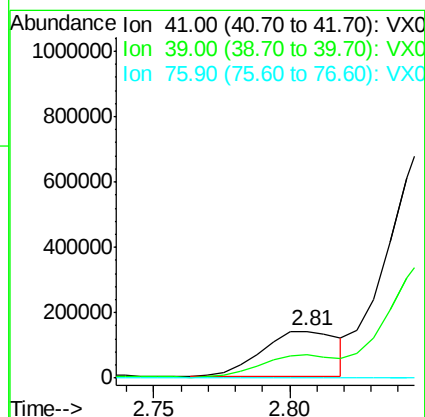
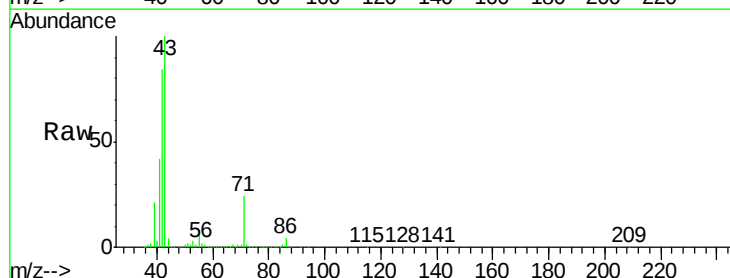
Tgt Ion: 41 Resp: 272766

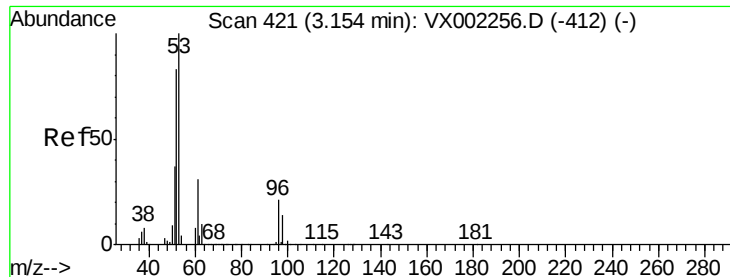
Ion Ratio Lower Upper

41 100

39 49.0 56.8 85.2#

76 0.0 23.8 35.8#





#15

Acrylonitrile

Concen: 51.19 ug/l

RT: 3.14 min Scan# 418

Delta R.T. -0.02 min

Lab File: VX002536.D

Acq: 14 Jun 2018 04:28

Instrument :

MSVOA_X

ClientSampleId :

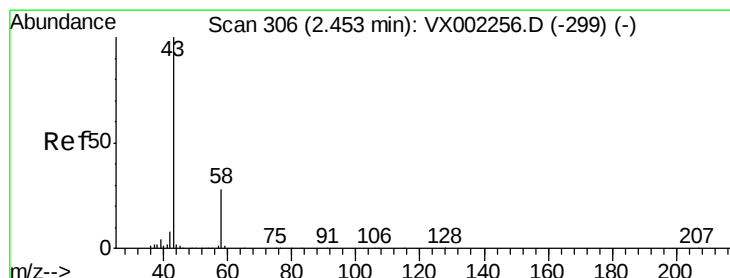
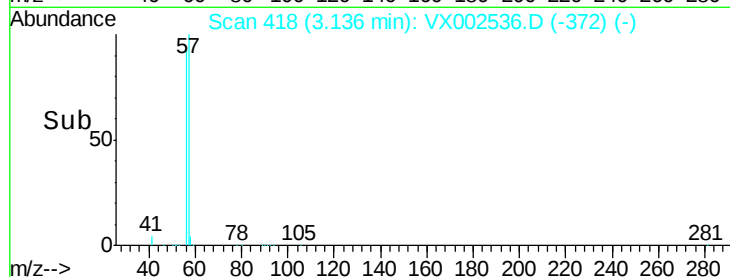
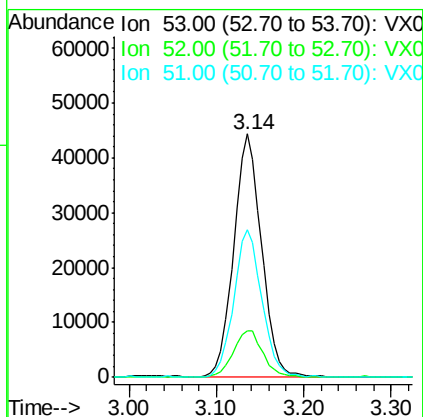
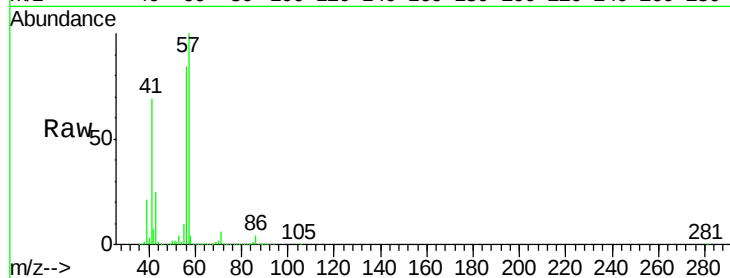
Tot Ion: 53 Resp: 97519

Ion Ratio Lower Upper

53 100

52 20.8 66.7 100.1#

51 61.2 29.9 44.9#



#16

Acetone

Concen: 32.86 ug/l

RT: 2.35 min Scan# 289

Delta R.T. -0.10 min

Lab File: VX002536.D

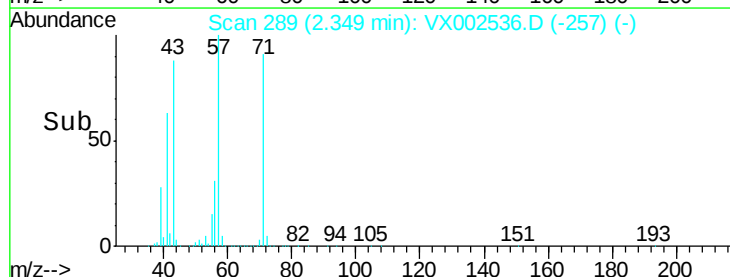
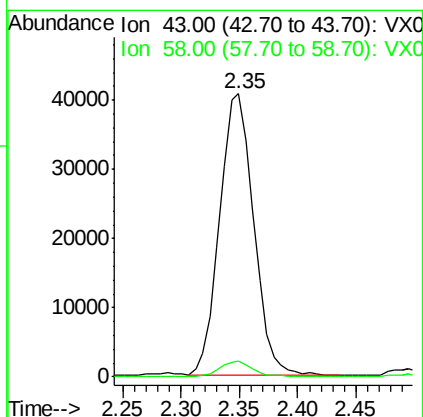
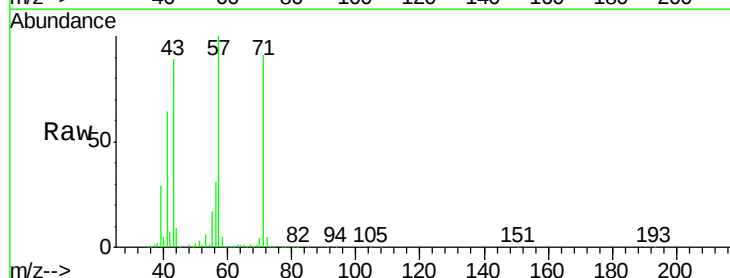
Acq: 14 Jun 2018 04:28

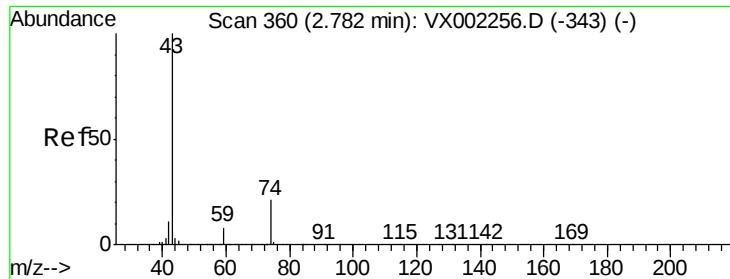
Tgt Ion: 43 Resp: 82852

Ion Ratio Lower Upper

43 100

58 5.6 22.1 33.1#

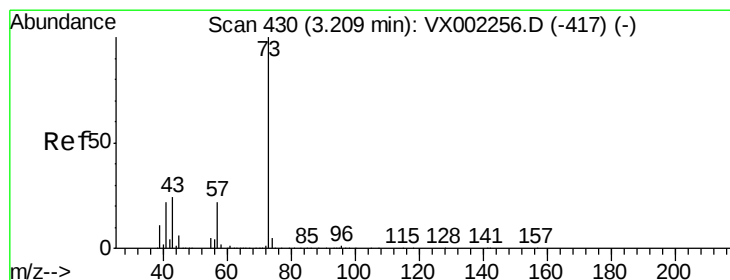
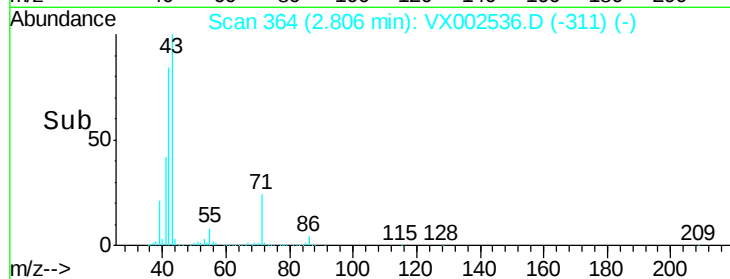
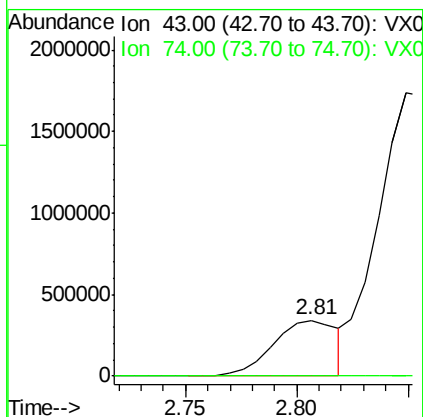
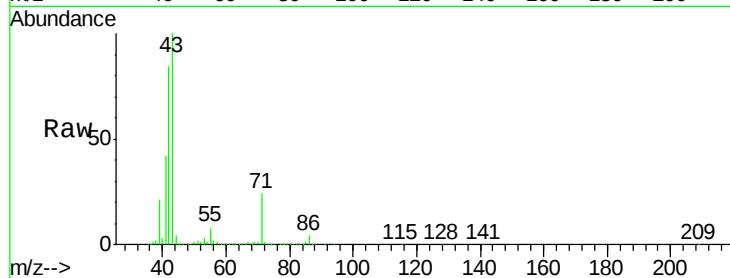




#18
Methyl Acetate
Concen: 180.69 ug/l
RT: 2.81 min Scan# 364
Delta R.T. 0.02 min
Lab File: VX002536.D
Acq: 14 Jun 2018 04:28

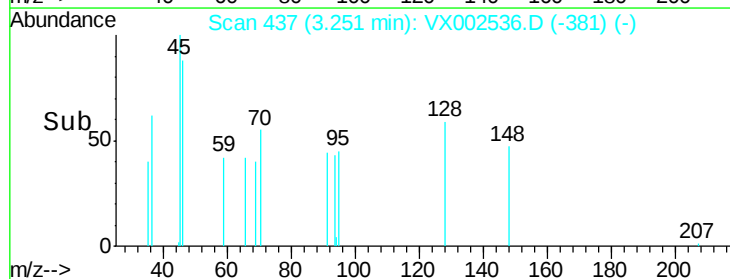
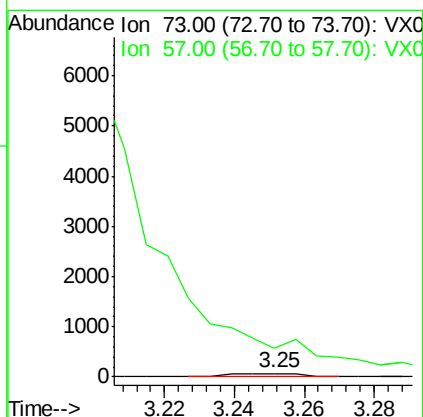
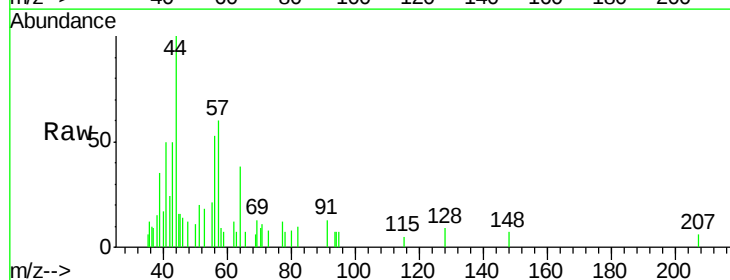
Instrument :
MSVOA_X
ClientSampleId :

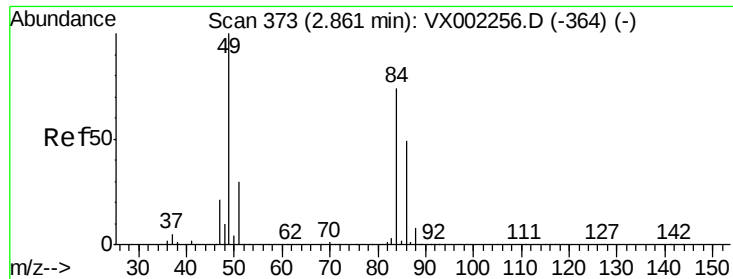
Tot Ion: 43 Resp: 676838
Ion Ratio Lower Upper
43 100
74 0.1 16.7 25.1#



#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.25 min Scan# 437
Delta R.T. 0.04 min
Lab File: VX002536.D
Acq: 14 Jun 2018 04:28

Tgt Ion: 73 Resp: 92
Ion Ratio Lower Upper
73 100
57 252.1 17.7 26.5#

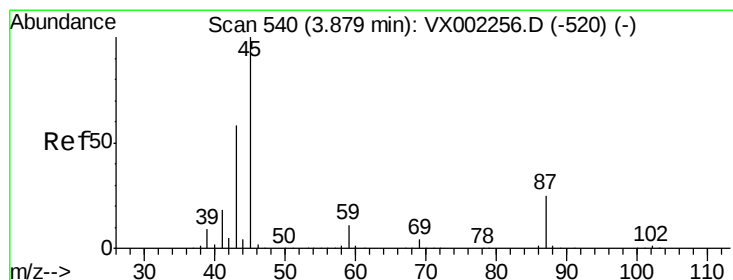
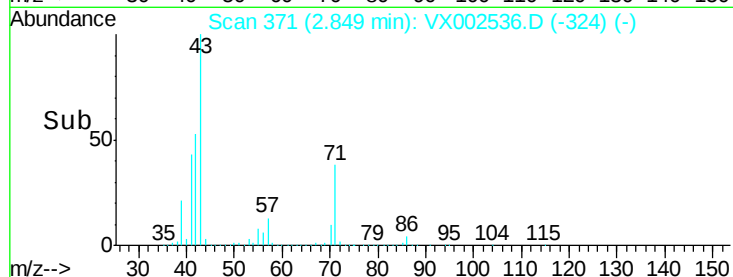
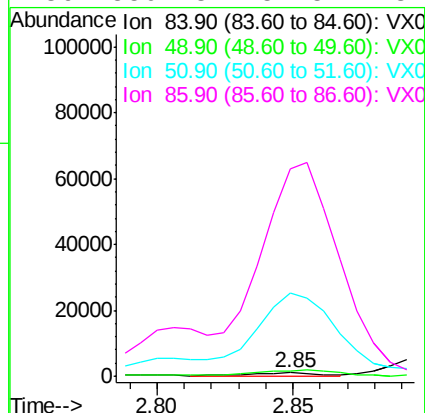
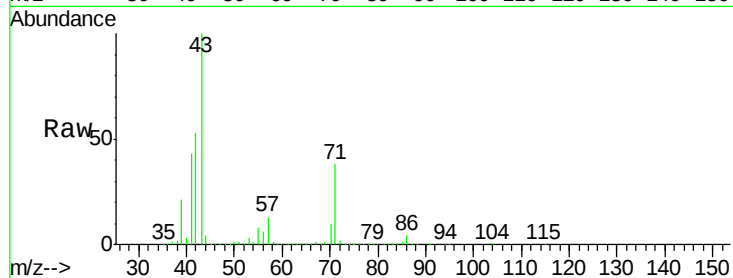




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX002536.D
Acq: 14 Jun 2018 04:28

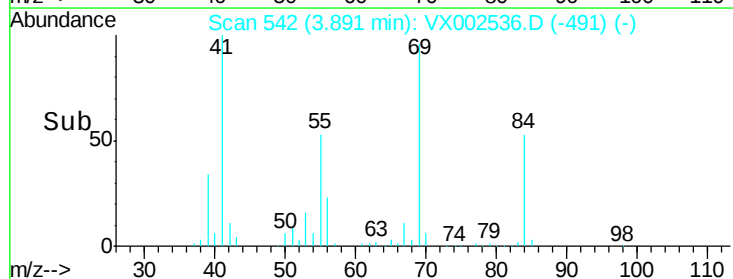
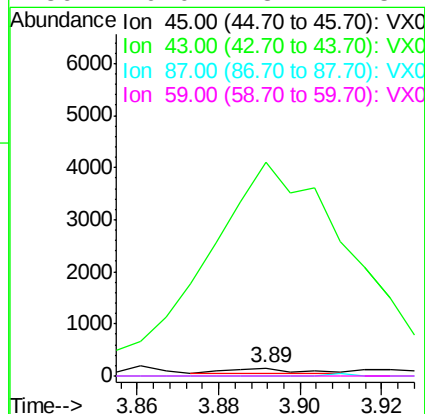
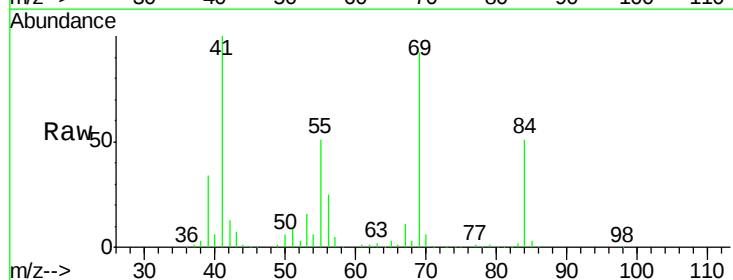
Instrument :
MSVOA_X
ClientSampleId :

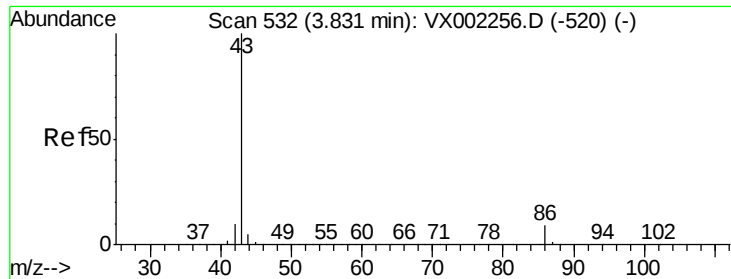
Tot Ion: 84 Resp: 1854
Ion Ratio Lower Upper
84 100
49 150.5 107.8 161.6
51 2254.9 32.8 49.2#
86 5501.8 52.5 78.7#



#22
Diisopropyl ether
Concen: Below Cal
RT: 3.89 min Scan# 542
Delta R.T. 0.01 min
Lab File: VX002536.D
Acq: 14 Jun 2018 04:28

Tgt Ion: 45 Resp: 102
Ion Ratio Lower Upper
45 100
43 2577.8 46.8 70.2#
87 0.0 20.2 30.4#
59 0.0 8.7 13.1#

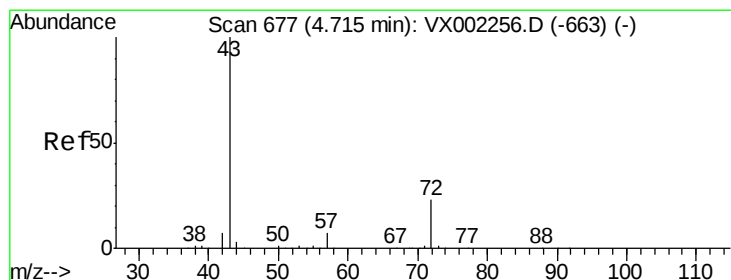
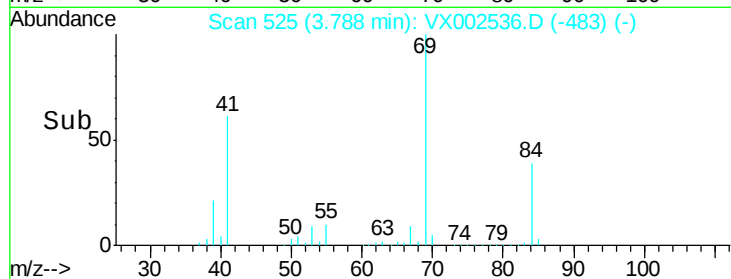
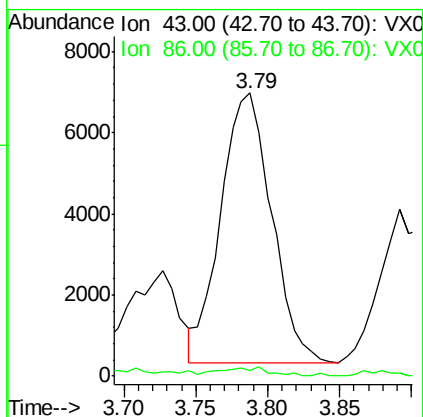
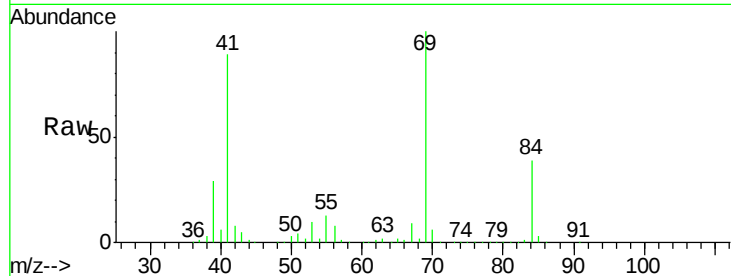




#23
 Vinyl Acetate
 Concen: 1.61 ug/l
 RT: 3.79 min Scan# 525
 Delta R.T. -0.04 min
 Lab File: VX002536.D
 Acq: 14 Jun 2018 04:28

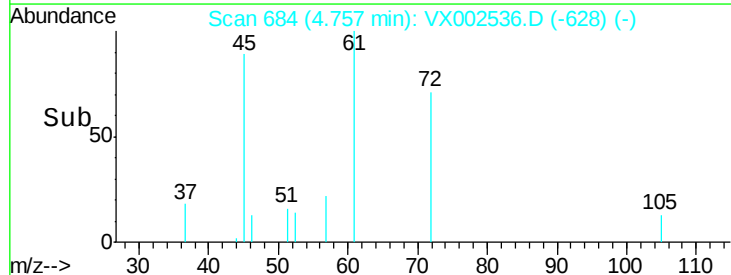
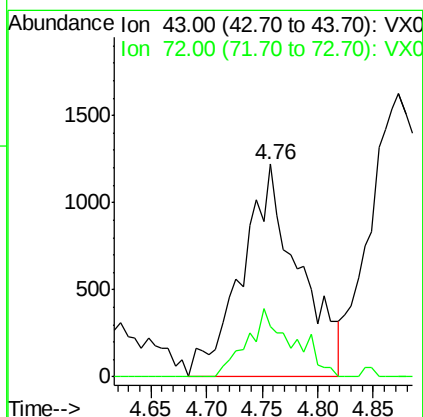
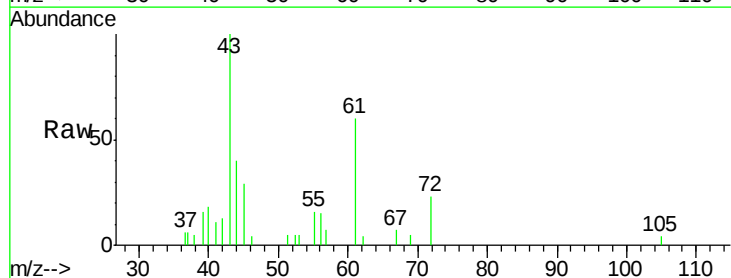
Instrument :
 MSVOA_X
 ClientSampleId :

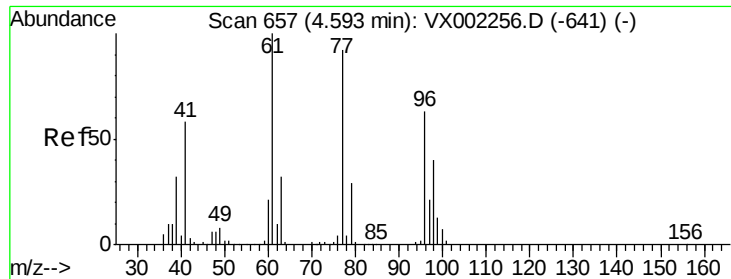
Tot Ion: 43 Resp: 16367
 Ion Ratio Lower Upper
 43 100
 86 2.3 7.4 11.0#



#25
 2-Butanone
 Concen: 1.64 ug/l
 RT: 4.76 min Scan# 684
 Delta R.T. 0.04 min
 Lab File: VX002536.D
 Acq: 14 Jun 2018 04:28

Tgt Ion: 43 Resp: 4386
 Ion Ratio Lower Upper
 43 100
 72 23.5 18.5 27.7





#26

2,2-Dichloropropane

Concen: 0.23 ug/l

RT: 4.50 min Scan# 642

Delta R.T. -0.09 min

Lab File: VX002536.D

Acq: 14 Jun 2018 04:28

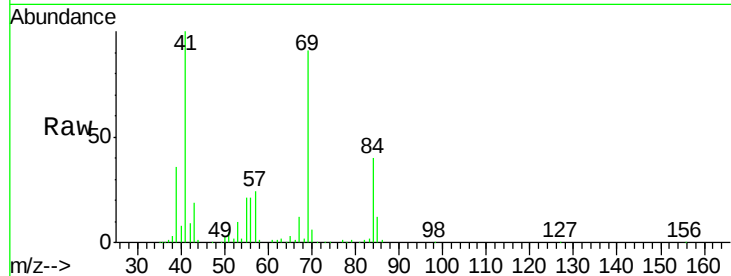
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 77 Resp: 1134

Ion Ratio Lower Upper

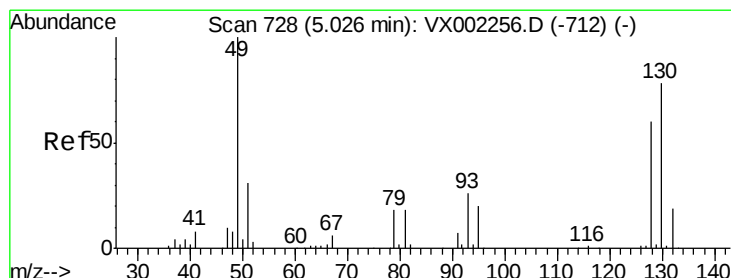
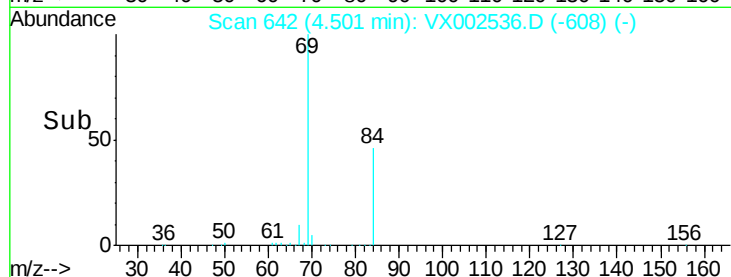
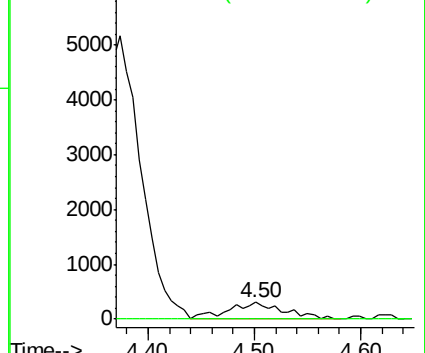
77 100

97 0.0 11.2 33.5#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



#28

Bromochloromethane

Concen: Below Cal

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002536.D

Acq: 14 Jun 2018 04:28

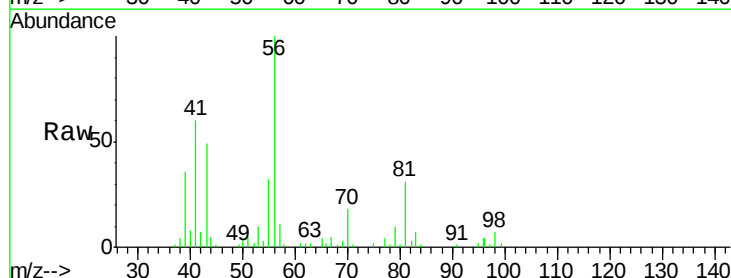
Tgt Ion: 49 Resp: 124

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

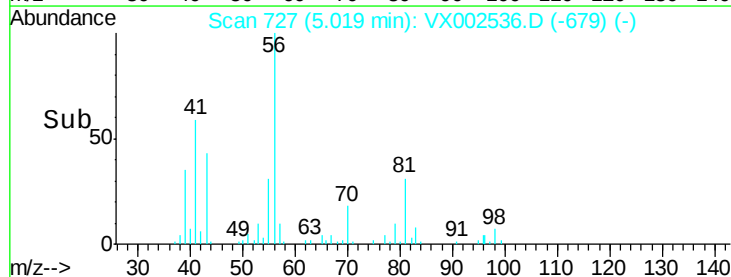
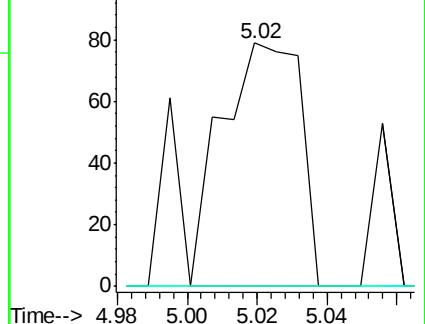
130 0.0 61.2 91.8#

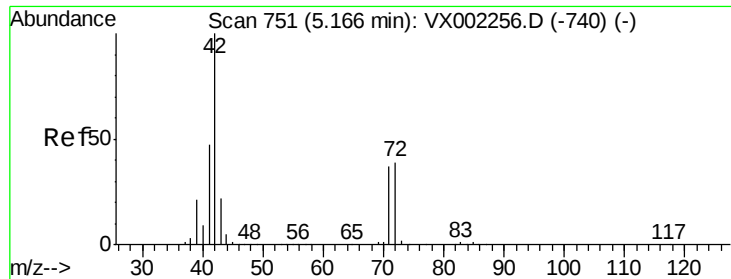


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

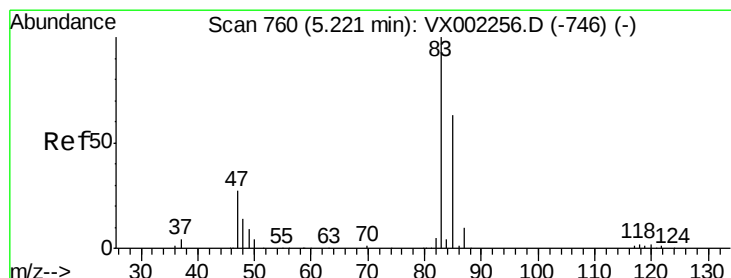
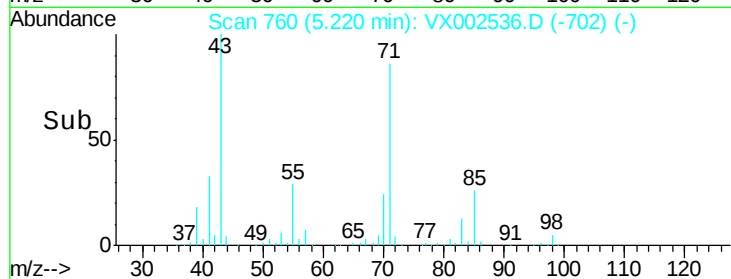
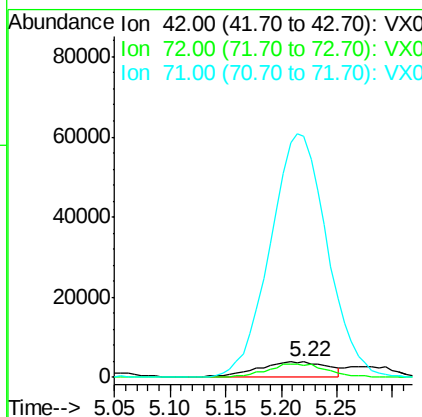
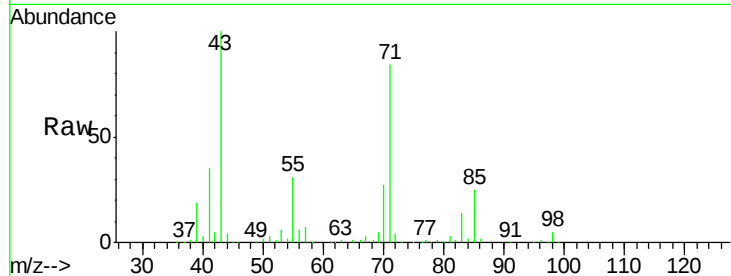




#29
Tetrahydrofuran
Concen: 9.41 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.05 min
Lab File: VX002536.D
Acq: 14 Jun 2018 04:28

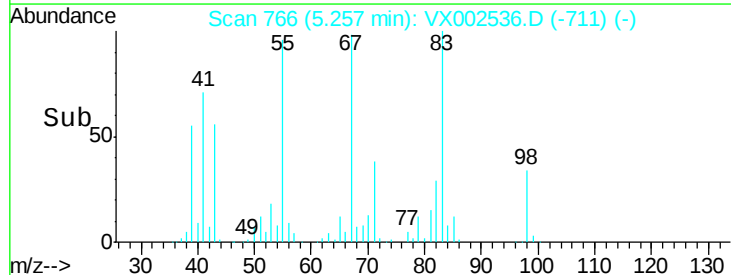
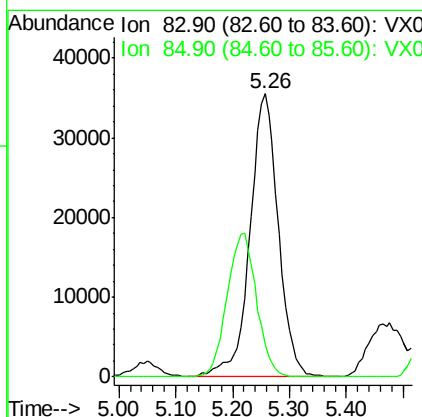
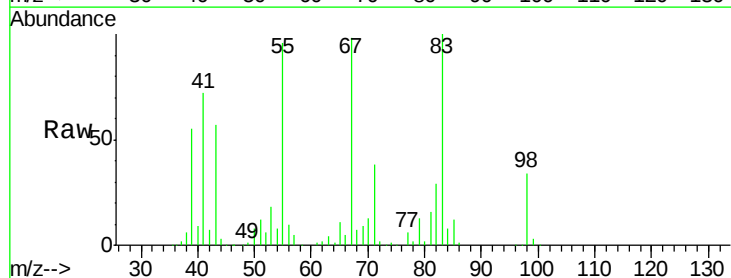
Instrument :
MSVOA_X
ClientSampled :

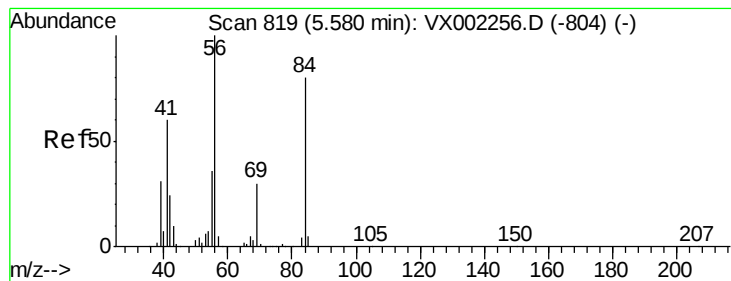
Tot Ion: 42 Resp: 16185
Ion Ratio Lower Upper
42 100
72 77.7 32.0 48.0#
71 1345.0 30.1 45.1#



#30
Chloroform
Concen: 20.46 ug/l
RT: 5.26 min Scan# 766
Delta R.T. 0.04 min
Lab File: VX002536.D
Acq: 14 Jun 2018 04:28

Tgt Ion: 83 Resp: 122683
Ion Ratio Lower Upper
83 100
85 11.6 50.4 75.6#





#31

Cyclohexane

Concen: 516.57 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

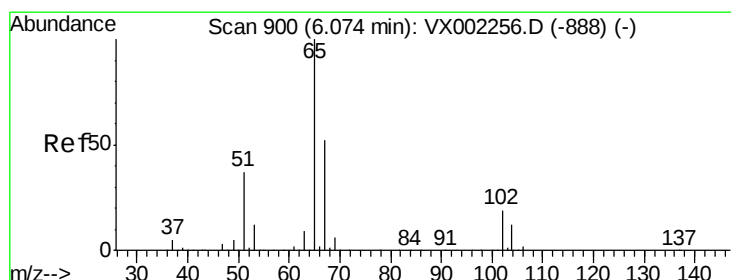
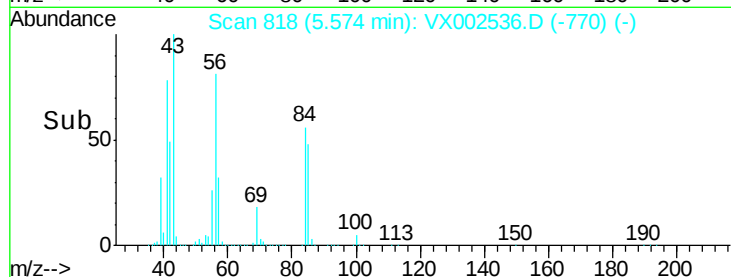
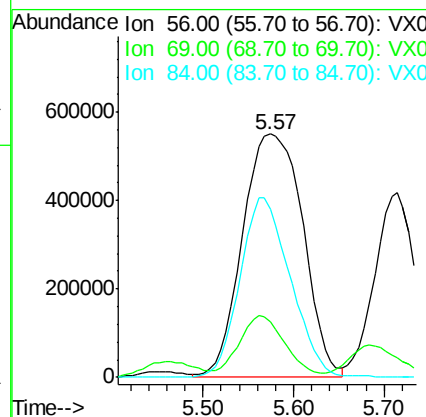
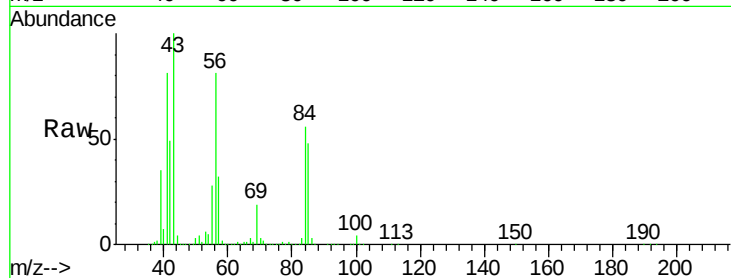
Lab File: VX002536.D

Acq: 14 Jun 2018 04:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 2537799

Ion	Ratio	Lower	Upper
56	100		
69	18.7	23.7	35.5#
84	69.4	64.1	96.1



#33

1,2-Dichloroethane-d4

Concen: 44.50 ug/l

RT: 6.07 min Scan# 900

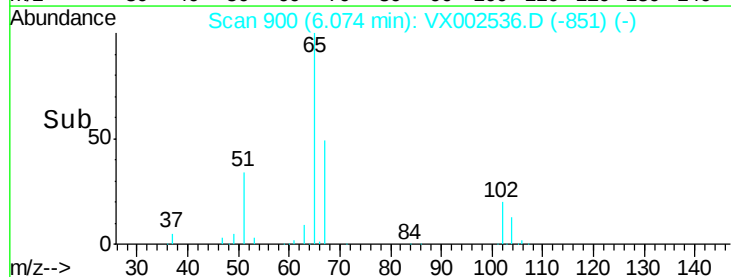
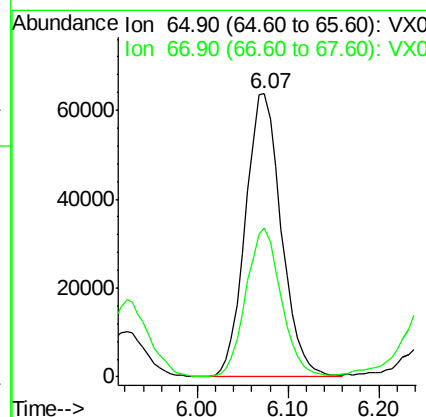
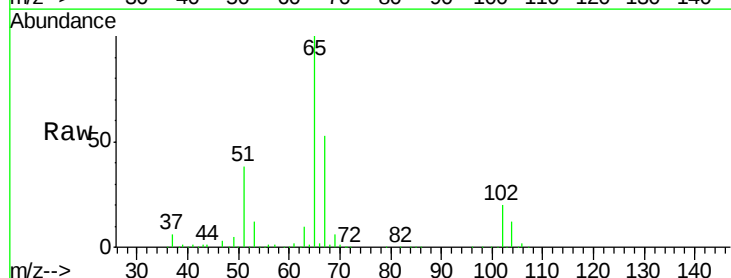
Delta R.T. -0.00 min

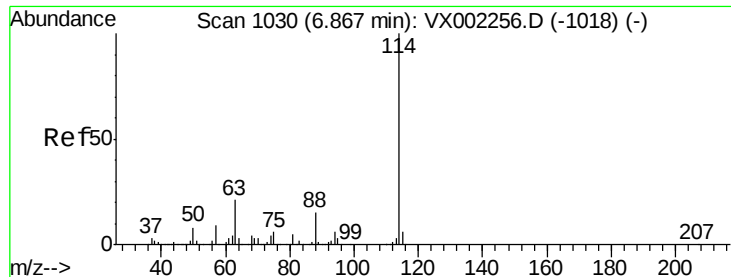
Lab File: VX002536.D

Acq: 14 Jun 2018 04:28

Tgt Ion: 65 Resp: 174634

Ion	Ratio	Lower	Upper
65	100		
67	51.3	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: VX002536.D

Acq: 14 Jun 2018 04:28

Instrument :

MSVOA_X

ClientSampleId :

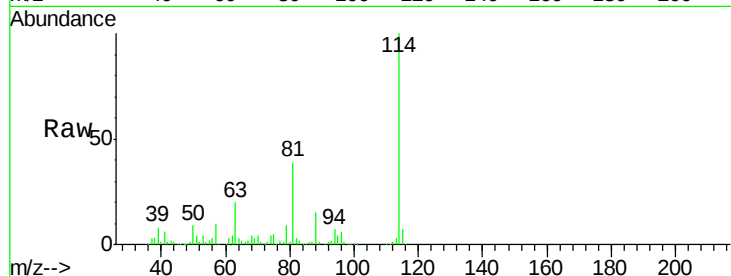
Tot Ion:114 Resp: 404234

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

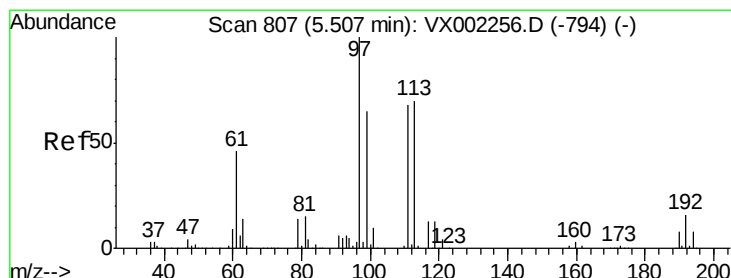
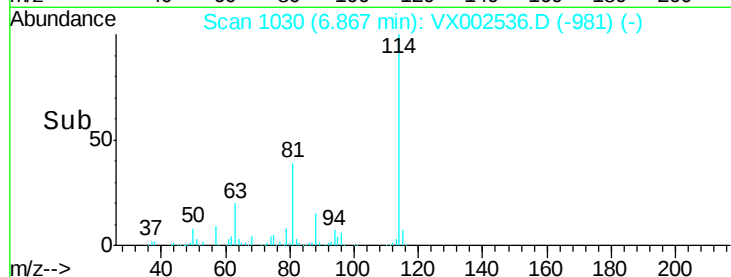
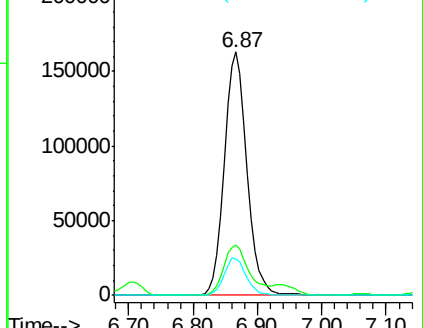
88 14.7 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 40.58 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002536.D

Acq: 14 Jun 2018 04:28

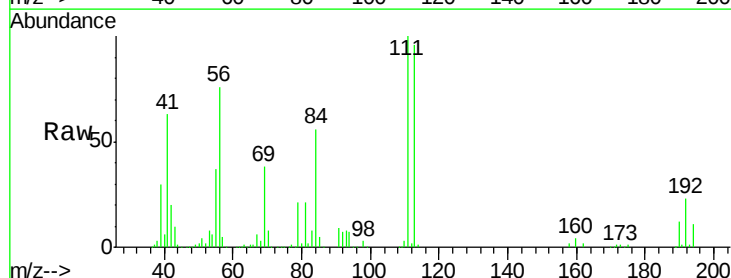
Tgt Ion:113 Resp: 129005

Ion Ratio Lower Upper

113 100

111 101.4 81.4 122.0

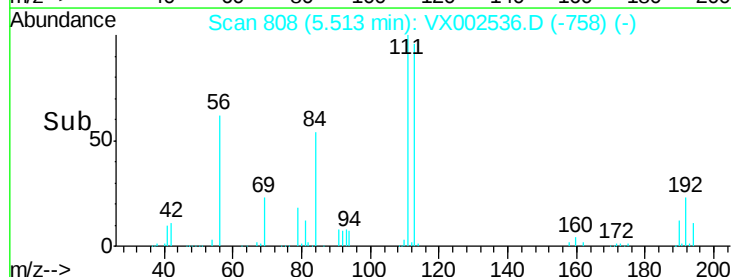
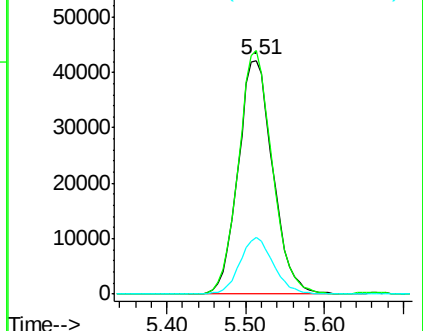
192 23.5 19.1 28.7

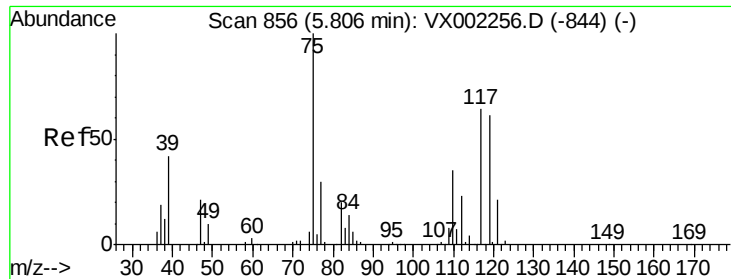


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

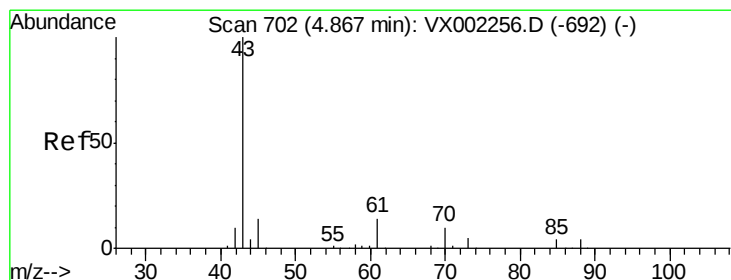
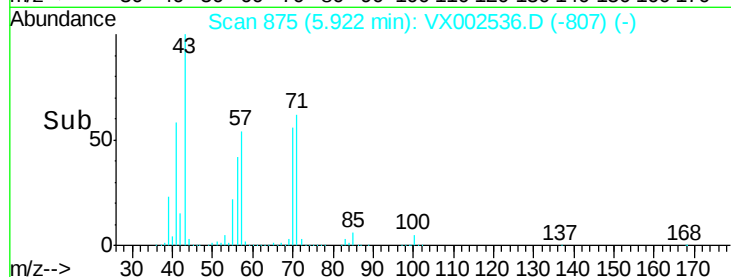
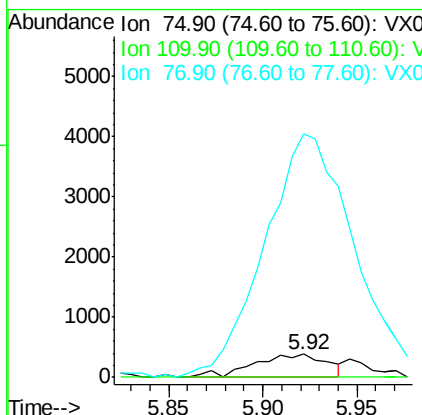
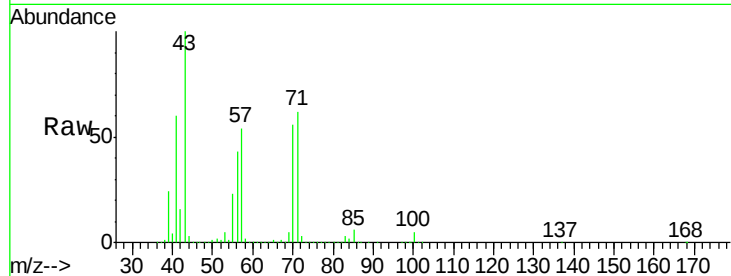




#36
 1,1-Dichloropropene
 Concen: 0.24 ug/l
 RT: 5.92 min Scan# 875
 Delta R.T. 0.12 min
 Lab File: VX002536.D
 Acq: 14 Jun 2018 04:28

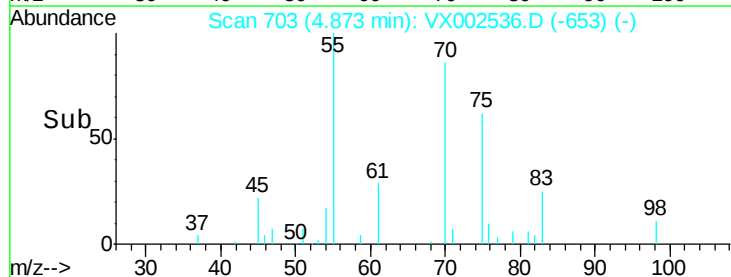
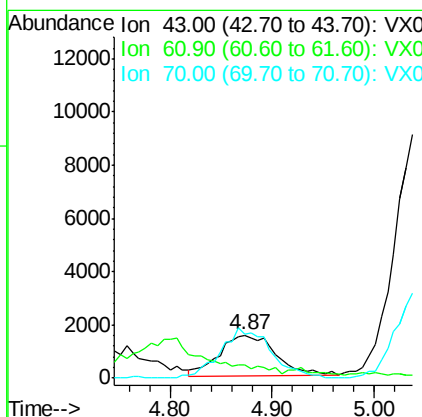
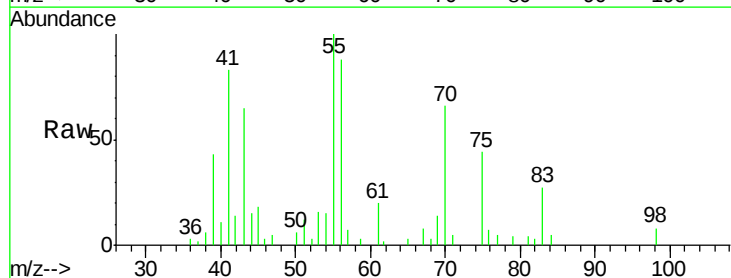
Instrument :
 MSVOA_X
 ClientSampled :

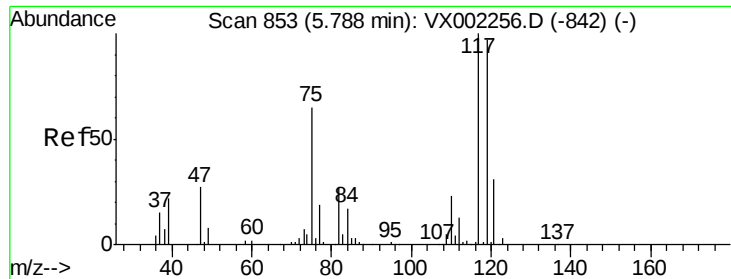
Tot Ion: 75 Resp: 1041
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.1 54.4#
 77 1282.7 24.3 36.5#



#37
 Ethyl Acetate
 Concen: 1.16 ug/l
 RT: 4.87 min Scan# 703
 Delta R.T. 0.01 min
 Lab File: VX002536.D
 Acq: 14 Jun 2018 04:28

Tgt Ion: 43 Resp: 5934
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.4 15.6#
 70 109.8 7.6 11.4#

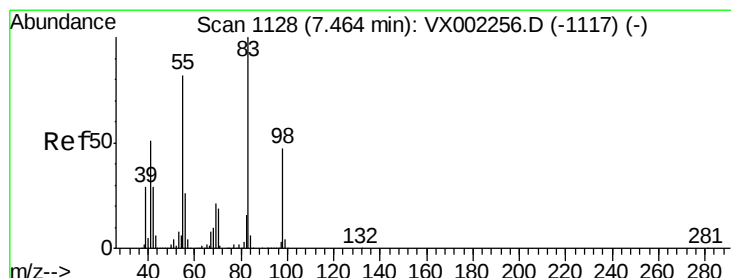
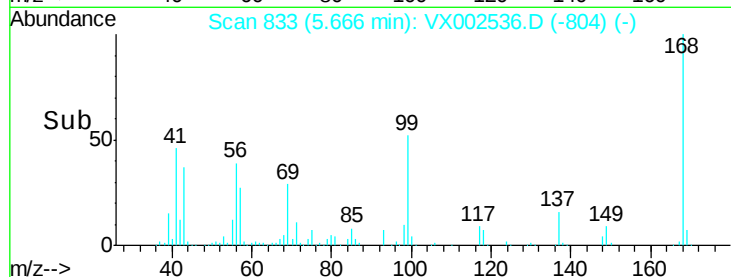
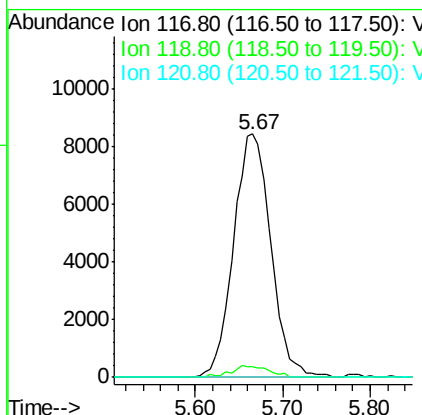
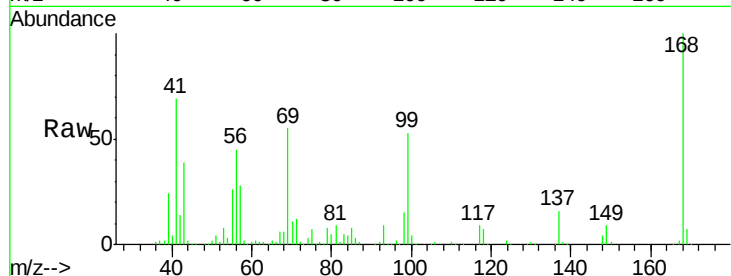




#38
Carbon Tetrachloride
Concen: 5.63 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002536.D
Acq: 14 Jun 2018 04:28

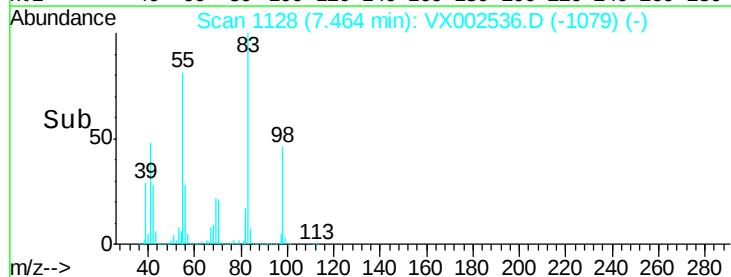
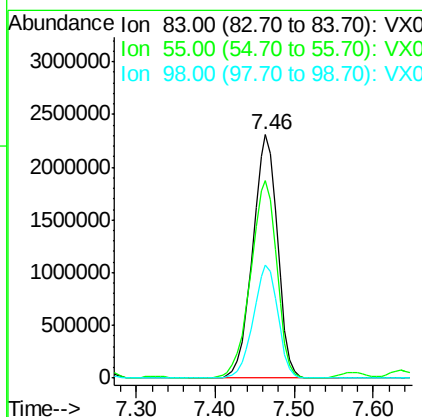
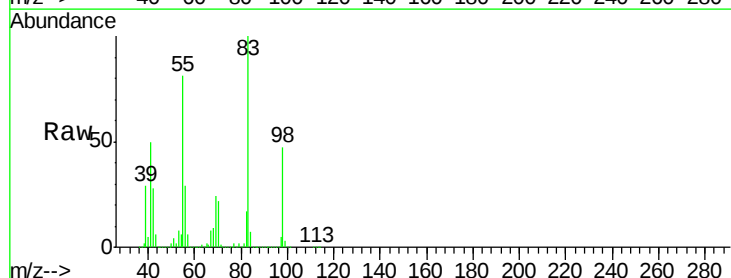
Instrument :
MSVOA_X
ClientSampled :

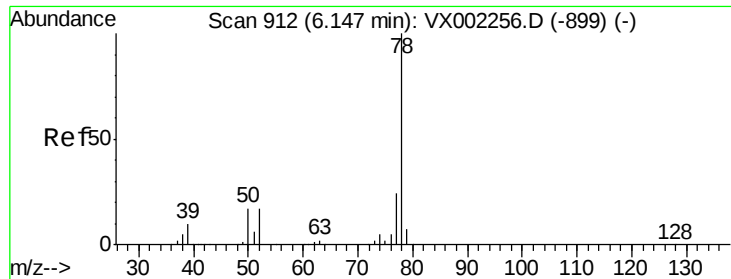
Tot Ion:117 Resp: 25028
Ion Ratio Lower Upper
117 100
119 4.4 77.4 116.0#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 954.25 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002536.D
Acq: 14 Jun 2018 04:28

Tgt Ion: 83 Resp: 5035084
Ion Ratio Lower Upper
83 100
55 81.2 65.4 98.0
98 46.5 37.4 56.0





#40

Benzene

Concen: 0.80 ug/l

RT: 6.14 min Scan# 911

Delta R.T. -0.01 min

Lab File: VX002536.D

Acq: 14 Jun 2018 04:28

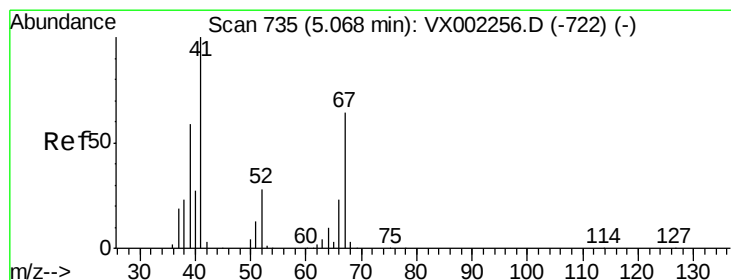
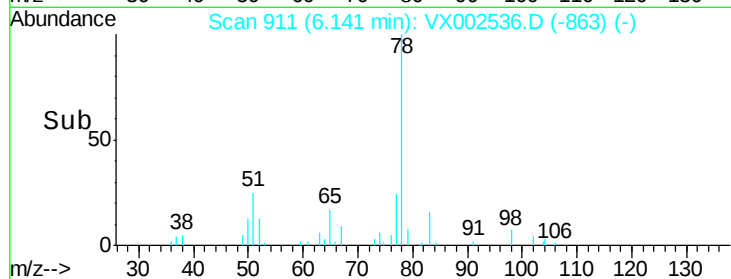
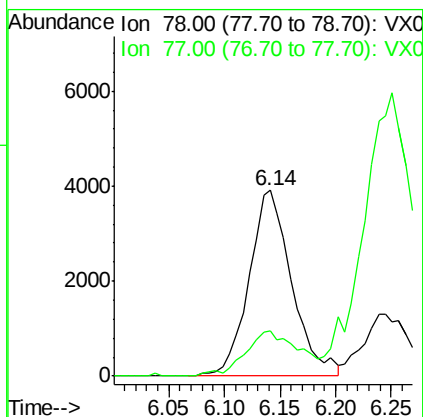
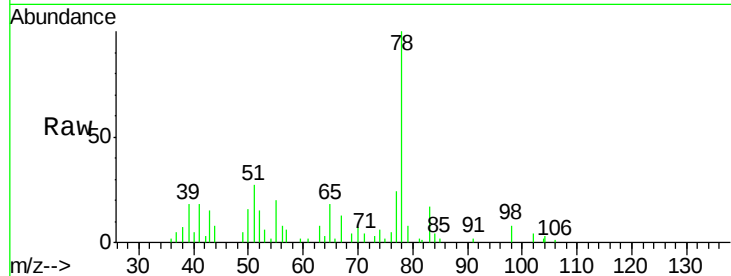
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 78 Resp: 10439

Ion Ratio Lower Upper

78 100

77 24.4 19.1 28.7



#41

Methacrylonitrile

Concen: 12.72 ug/l

RT: 5.04 min Scan# 731

Delta R.T. -0.02 min

Lab File: VX002536.D

Acq: 14 Jun 2018 04:28

Tgt Ion: 41 Resp: 37214

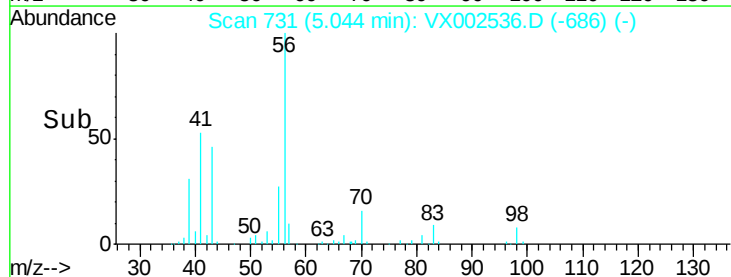
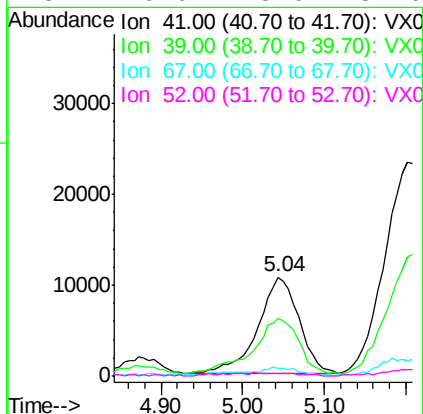
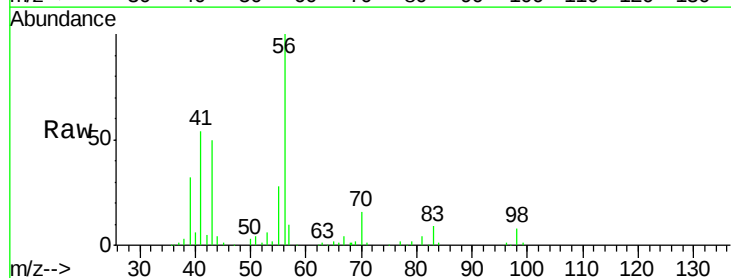
Ion Ratio Lower Upper

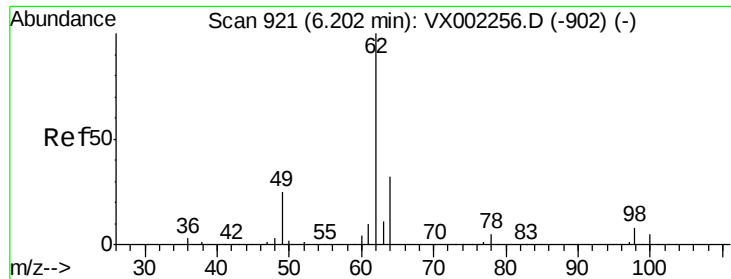
41 100

39 64.0 45.8 68.6

67 0.0 51.3 76.9#

52 0.0 23.0 34.6#

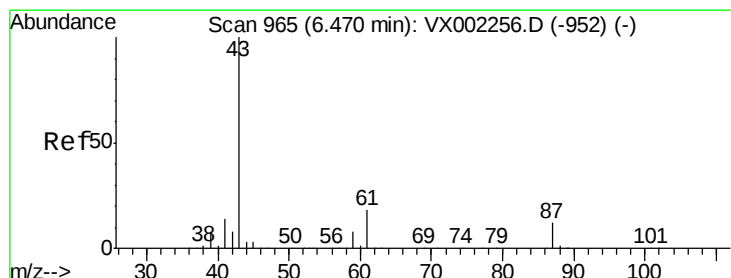
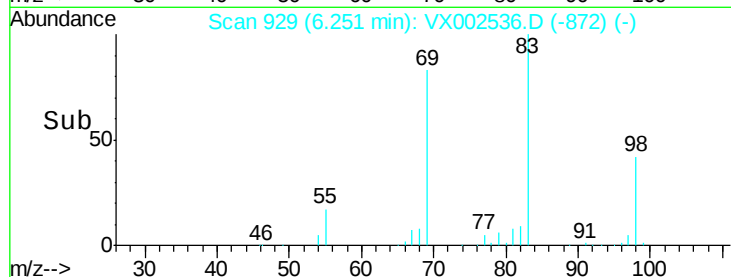
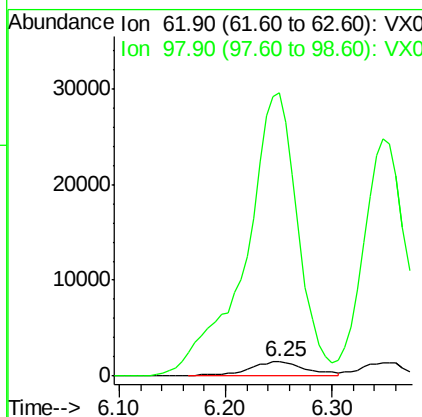
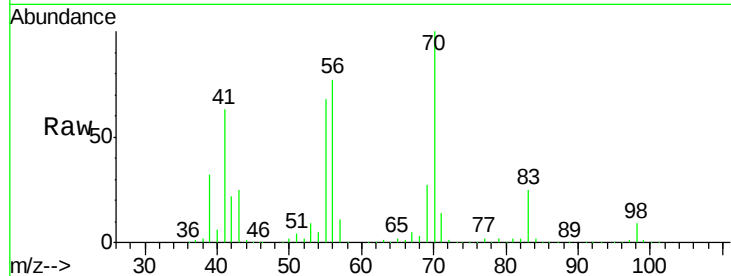




#42
 1,2-Dichloroethane
 Concen: 1.10 ug/l
 RT: 6.25 min Scan# 929
 Delta R.T. 0.05 min
 Lab File: VX002536.D
 Acq: 14 Jun 2018 04:28

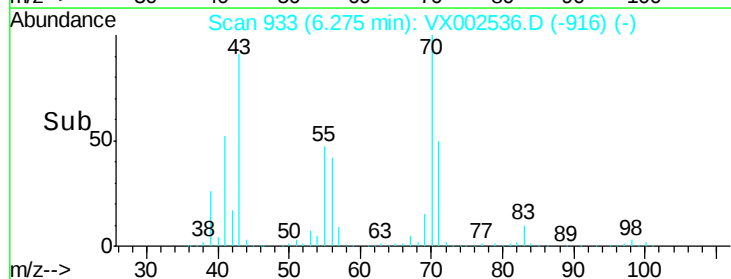
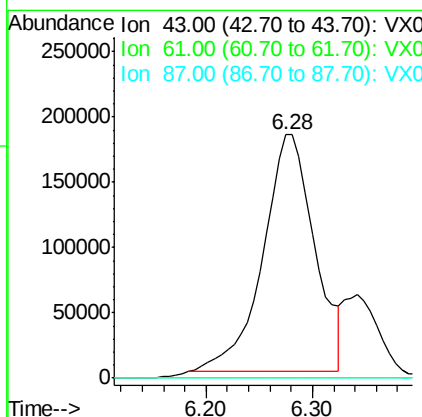
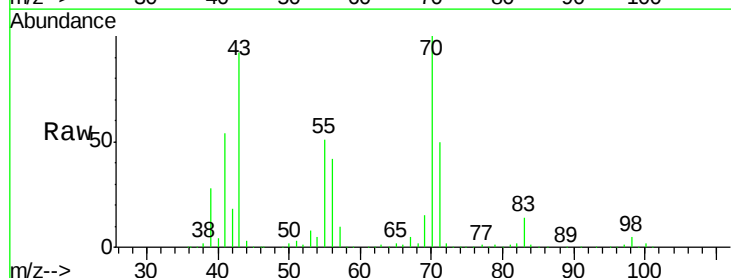
Instrument :
 MSVOA_X
 ClientSampleId :

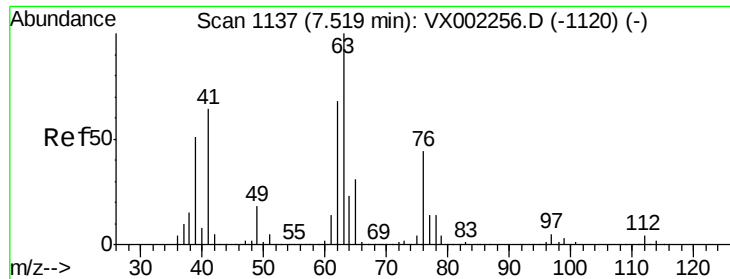
Tot Ion: 62 Resp: 5676
 Ion Ratio Lower Upper
 62 100
 98 1787.2 0.0 16.6#



#43
 Isopropyl Acetate
 Concen: 70.91 ug/l
 RT: 6.28 min Scan# 933
 Delta R.T. -0.20 min
 Lab File: VX002536.D
 Acq: 14 Jun 2018 04:28

Tgt Ion: 43 Resp: 615496
 Ion Ratio Lower Upper
 43 100
 61 0.3 14.4 21.6#
 87 0.0 9.5 14.3#





#45

1,2-Dichloropropane

Concen: 15.64 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.05 min

Lab File: VX002536.D

Acq: 14 Jun 2018 04:28

Instrument :

MSVOA_X

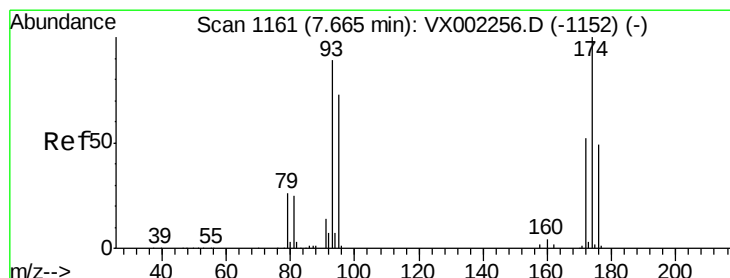
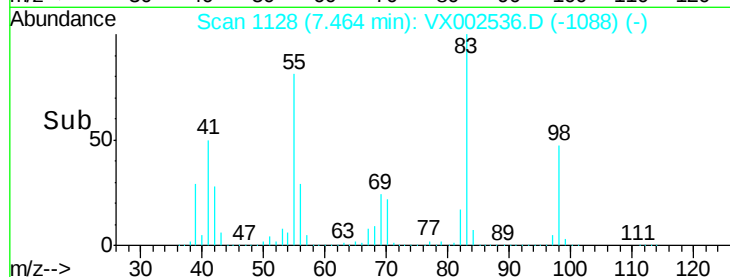
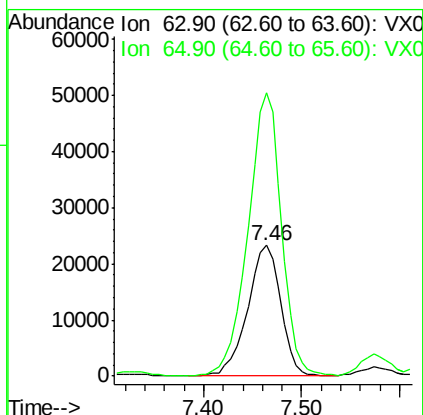
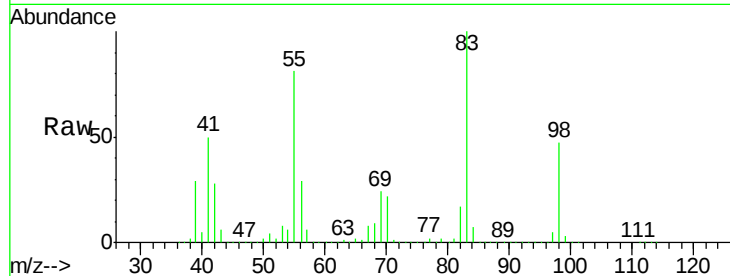
ClientSampleId :

Tot Ion: 63 Resp: 55000

Ion Ratio Lower Upper

63 100

65 216.1 24.7 37.1#



#46

Dibromomethane

Concen: 2.29 ug/l

RT: 7.64 min Scan# 1157

Delta R.T. -0.02 min

Lab File: VX002536.D

Acq: 14 Jun 2018 04:28

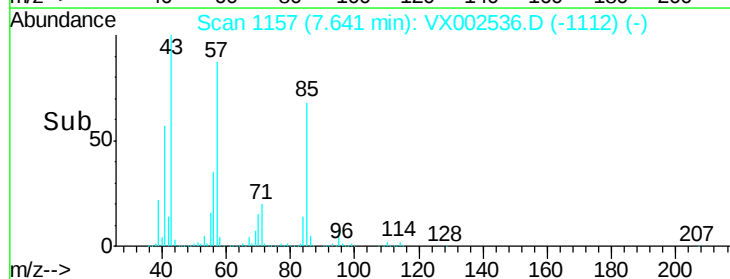
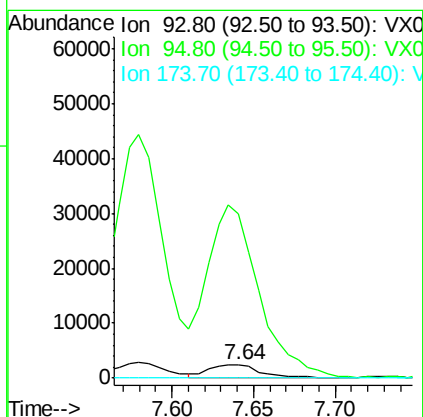
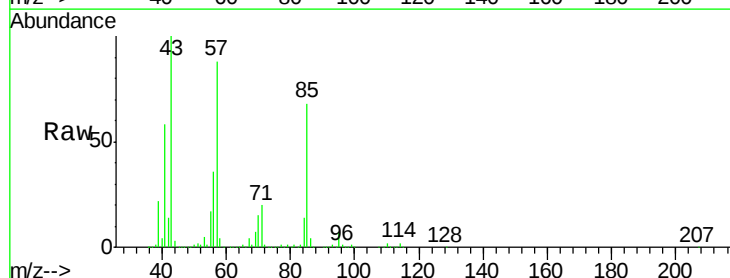
Tgt Ion: 93 Resp: 5455

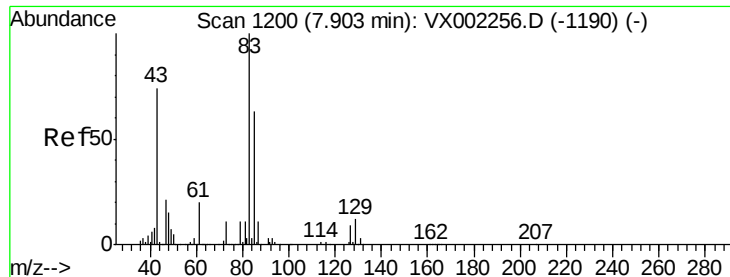
Ion Ratio Lower Upper

93 100

95 1263.2 65.9 98.9#

174 0.0 92.4 138.6#





#47

Bromodichloromethane

Concen: 11.52 ug/l

RT: 7.85 min Scan# 1191

Delta R.T. -0.05 min

Lab File: VX002536.D

Acq: 14 Jun 2018 04:28

Instrument :

MSVOA_X

ClientSampleId :

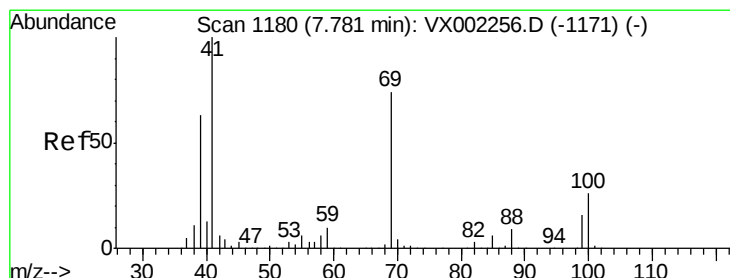
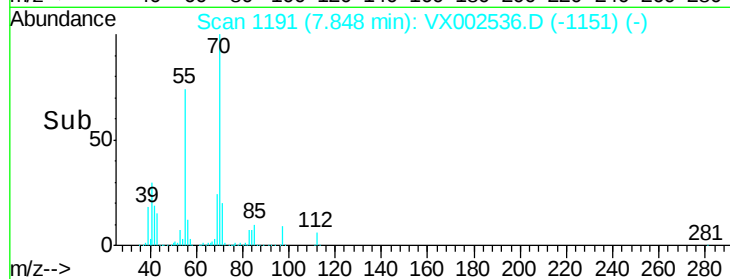
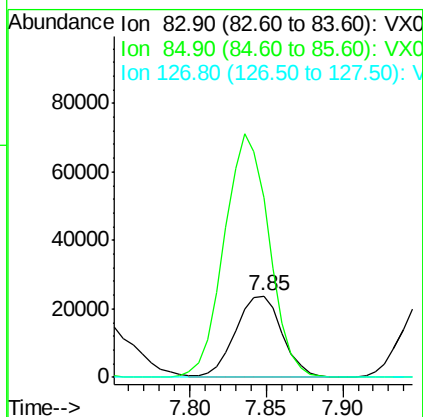
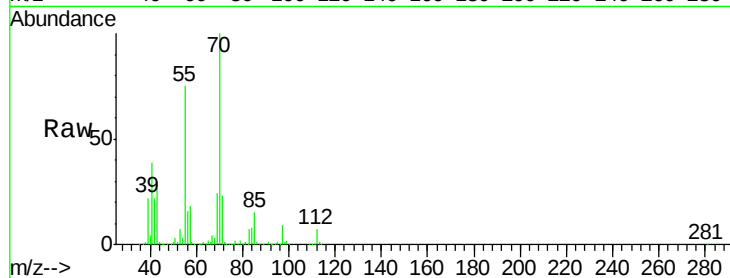
Tot Ion: 83 Resp: 49668

Ion Ratio Lower Upper

83 100

85 221.5 50.3 75.5#

127 0.0 7.0 10.4#



#48

Methyl methacrylate

Concen: 86.59 ug/l

RT: 7.73 min Scan# 1172

Delta R.T. -0.05 min

Lab File: VX002536.D

Acq: 14 Jun 2018 04:28

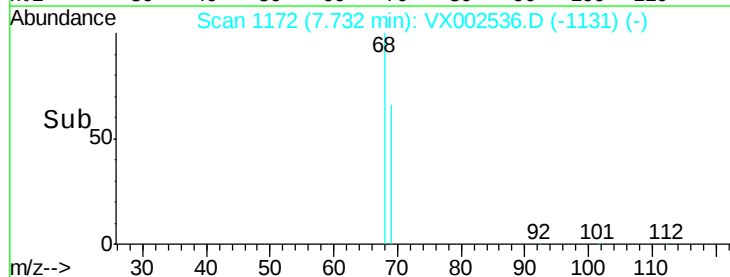
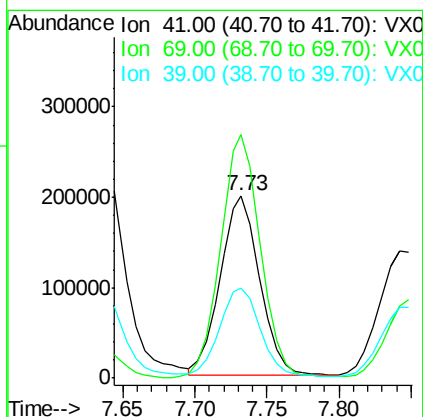
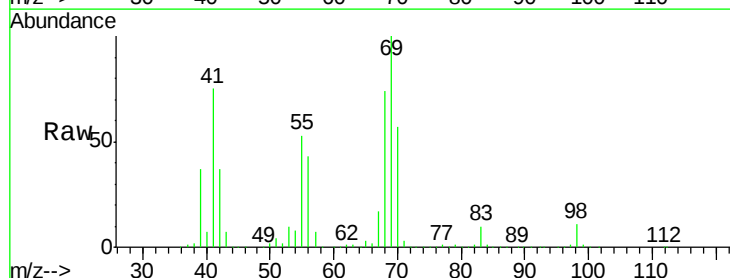
Tgt Ion: 41 Resp: 377570

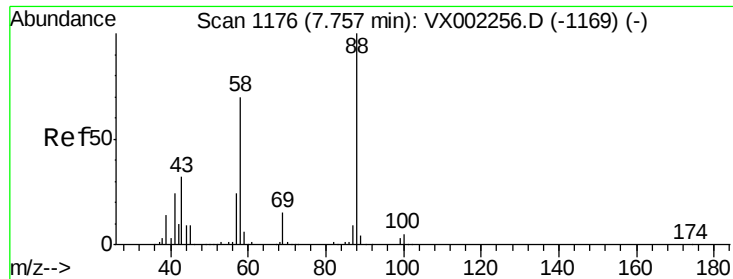
Ion Ratio Lower Upper

41 100

69 136.3 59.1 88.7#

39 50.9 48.9 73.3





#49

1,4-Dioxane

Concen: 0.25 ug/l

RT: 7.63 min Scan# 1155

Delta R.T. -0.13 min

Lab File: VX002536.D

Acq: 14 Jun 2018 04:28

Instrument :

MSVOA_X

ClientSampled :

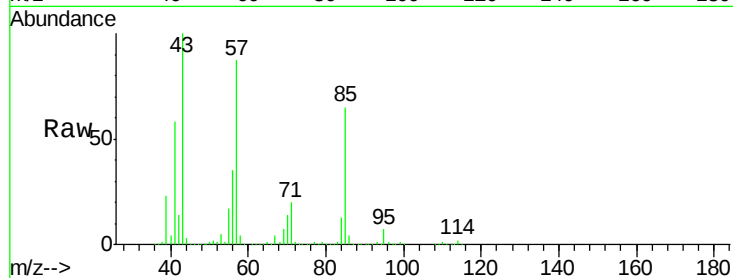
Tot Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 4617760.0 29.8 44.6#

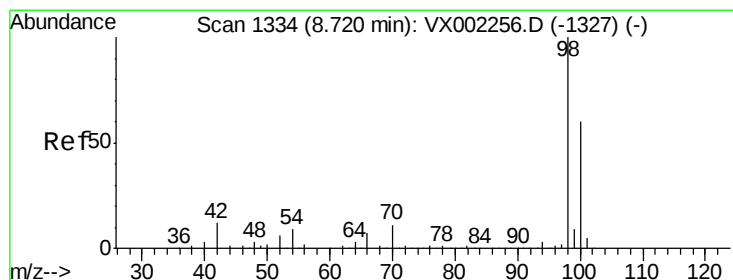
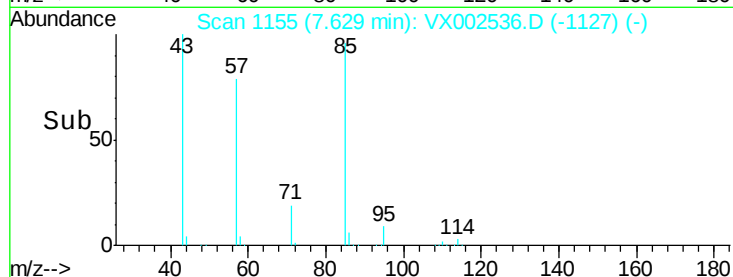
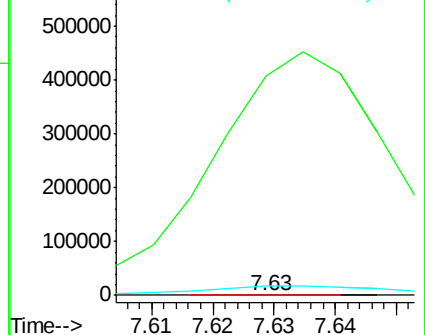
58 198905.0 57.1 85.7#



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: 52.03 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002536.D

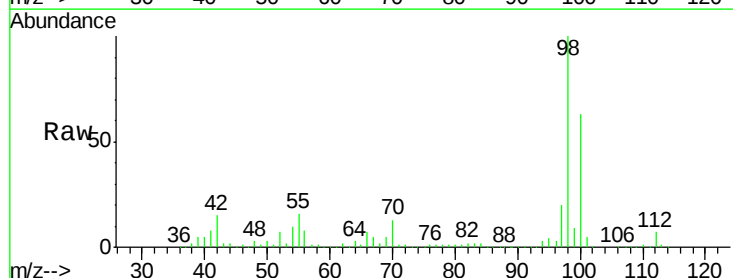
Acq: 14 Jun 2018 04:28

Tgt Ion: 98 Resp: 633949

Ion Ratio Lower Upper

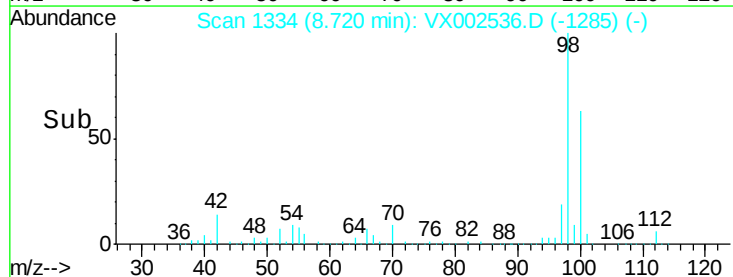
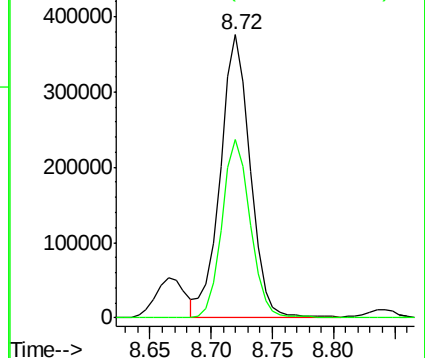
98 100

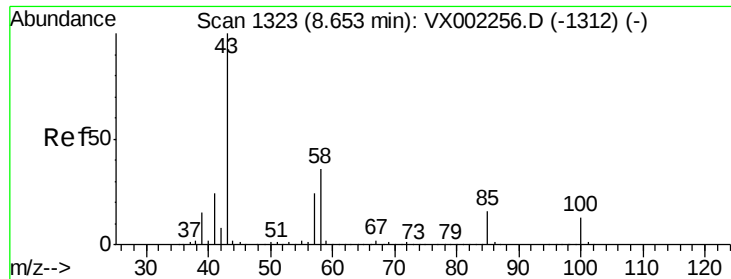
100 60.4 50.9 76.3



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: 35.90 ug/l

RT: 8.67 min Scan# 1326

Delta R.T. 0.02 min

Lab File: VX002536.D

Acq: 14 Jun 2018 04:28

Instrument :

MSVOA_X

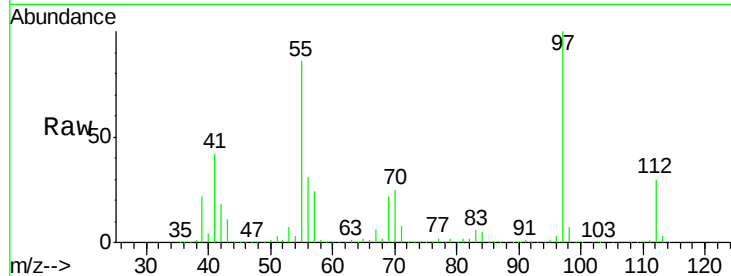
ClientSampled :

Tot Ion: 43 Resp: 194090

Ion Ratio Lower Upper

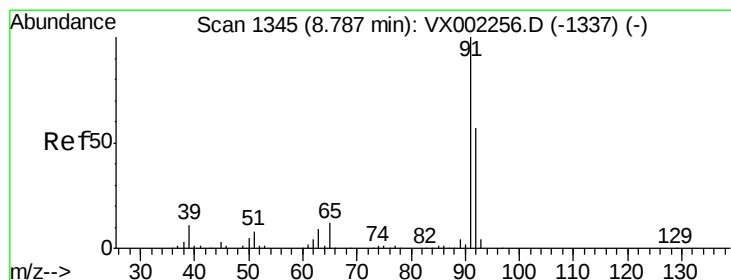
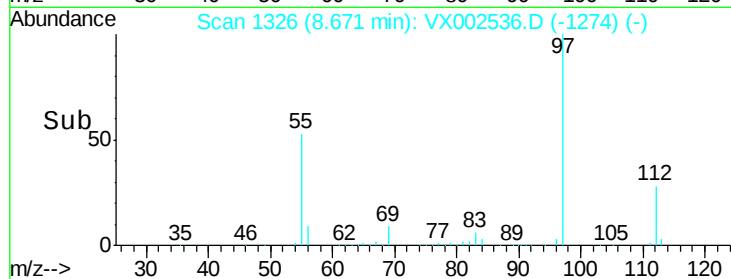
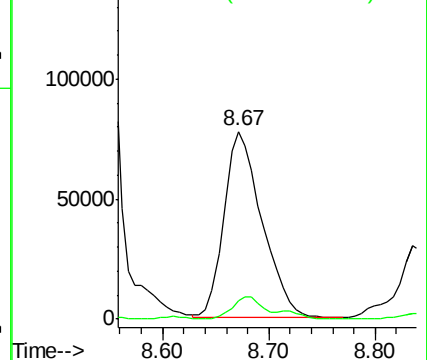
43 100

58 9.4 28.6 42.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 0.24 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002536.D

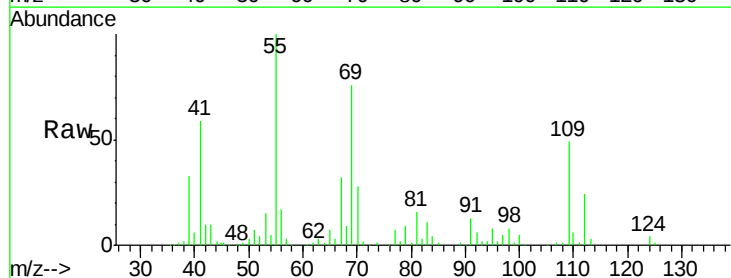
Acq: 14 Jun 2018 04:28

Tgt Ion: 92 Resp: 1967

Ion Ratio Lower Upper

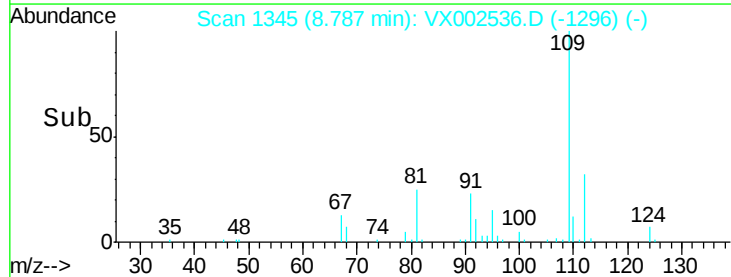
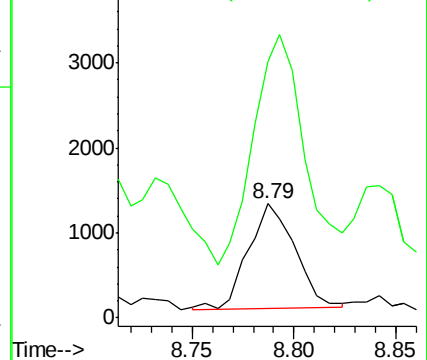
92 100

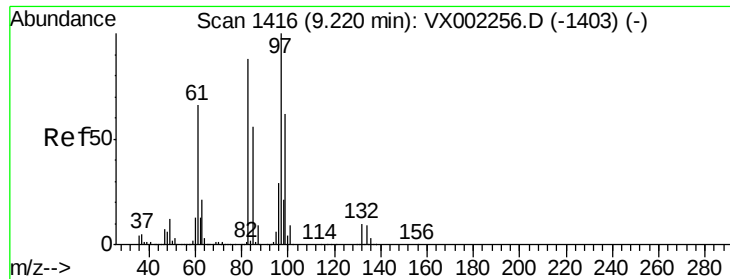
91 238.9 140.4 210.6#



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: 5.89 ug/l

RT: 9.27 min Scan# 1424

Delta R.T. 0.05 min

Lab File: VX002536.D

Acq: 14 Jun 2018 04:28

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 20062

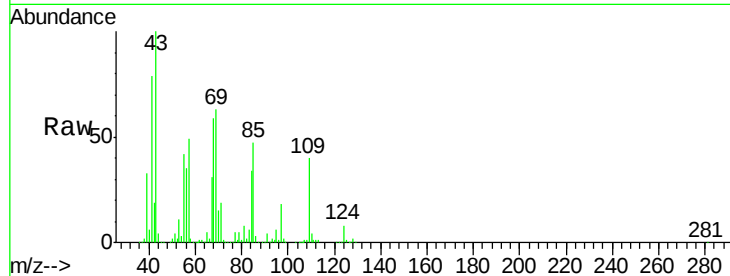
Ion Ratio Lower Upper

97 100

83 25.0 70.2 105.2#

85 261.2 44.9 67.3#

99 0.7 49.8 74.8#

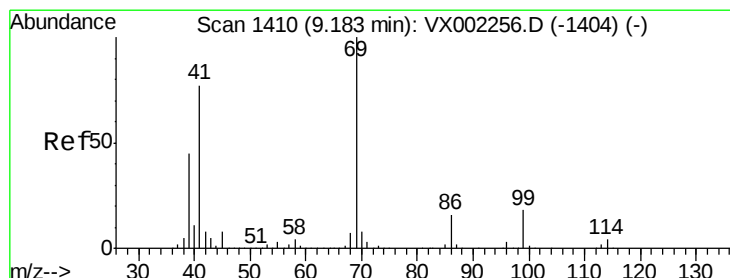
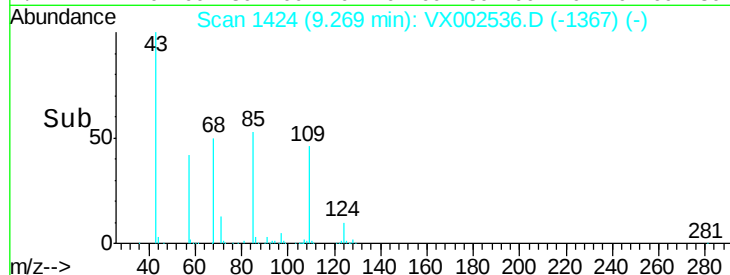
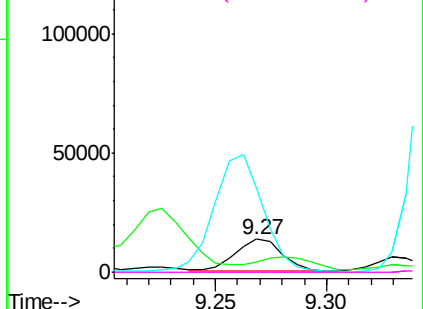


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 29.65 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VX002536.D

Acq: 14 Jun 2018 04:28

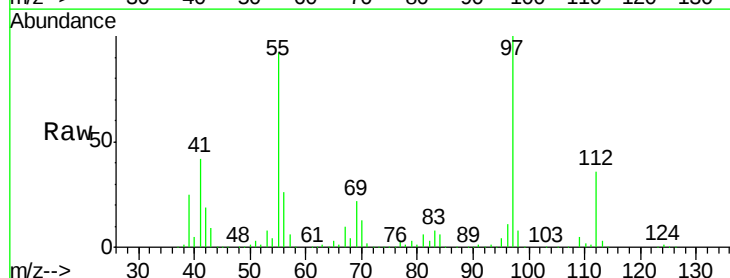
Tgt Ion: 69 Resp: 161370

Ion Ratio Lower Upper

69 100

41 177.2 60.3 90.5#

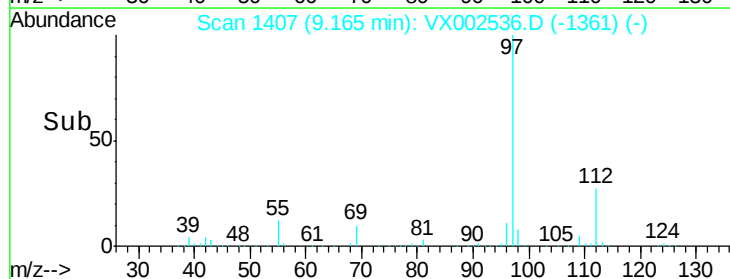
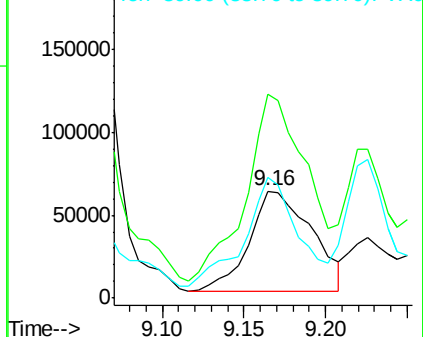
39 92.4 35.8 53.8#

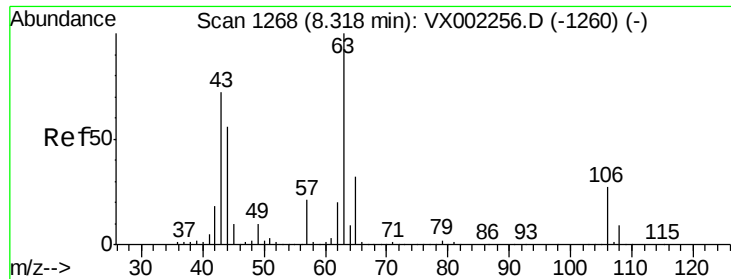


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

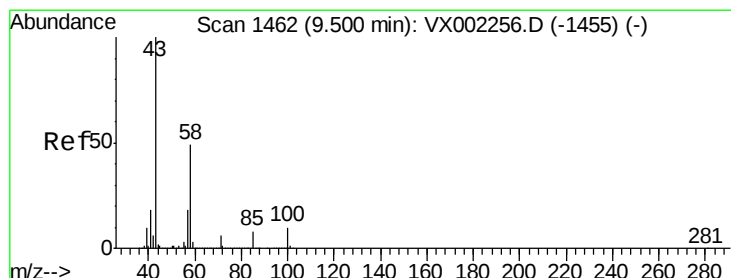
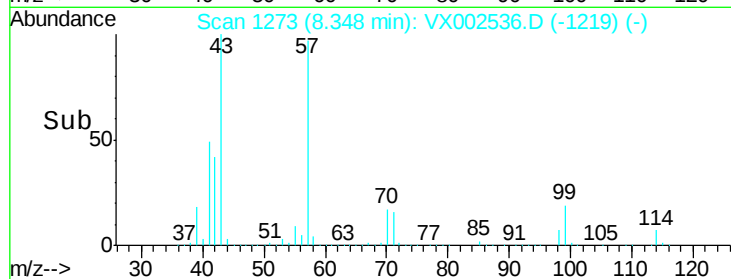
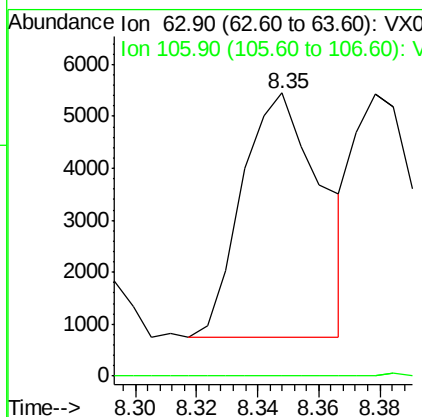
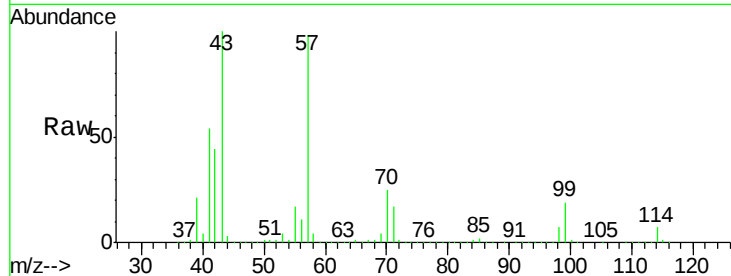




#58
2-Chloroethyl Vinyl ether
Concen: 3.35 ug/l
RT: 8.35 min Scan# 1273
Delta R.T. 0.03 min
Lab File: VX002536.D
Acq: 14 Jun 2018 04:28

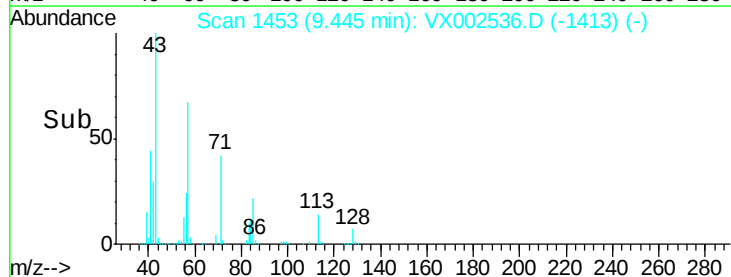
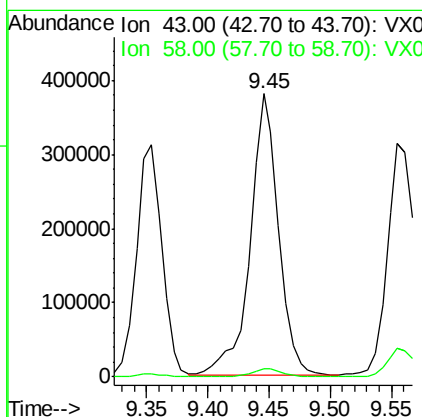
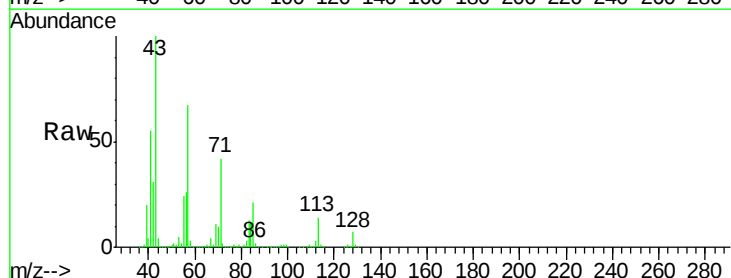
Instrument :
MSVOA_X
ClientSampleId :

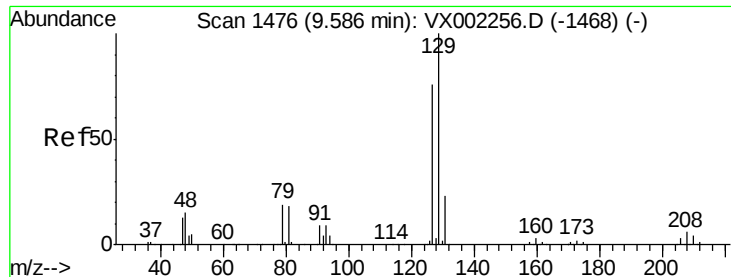
Tot Ion: 63 Resp: 8425
Ion Ratio Lower Upper
63 100
106 0.0 21.8 32.8#



#59
2-Hexanone
Concen: 146.20 ug/l
RT: 9.45 min Scan# 1453
Delta R.T. -0.05 min
Lab File: VX002536.D
Acq: 14 Jun 2018 04:28

Tgt Ion: 43 Resp: 610444
Ion Ratio Lower Upper
43 100
58 3.4 24.6 73.6#





#60

Dibromochloromethane

Concen: 0.23 ug/l

RT: 9.35 min Scan# 1437

Delta R.T. -0.24 min

Lab File: VX002536.D

Acq: 14 Jun 2018 04:28

Instrument :

MSVOA_X

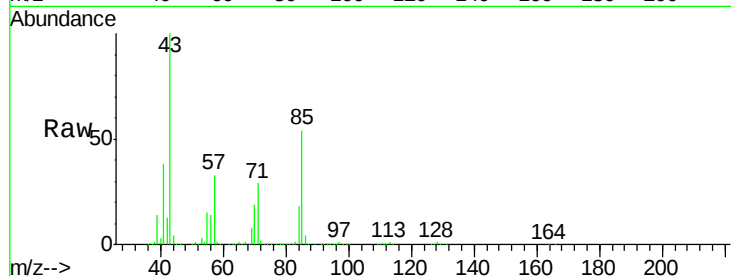
ClientSampleId :

Tot Ion:129 Resp: 800

Ion Ratio Lower Upper

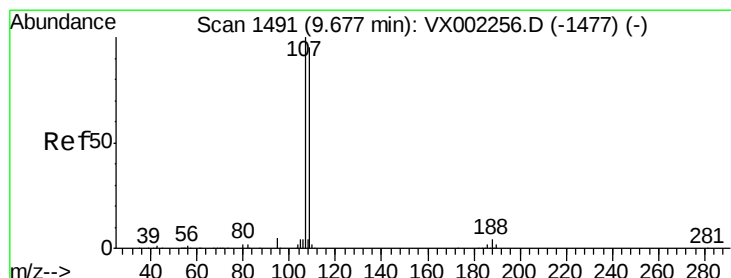
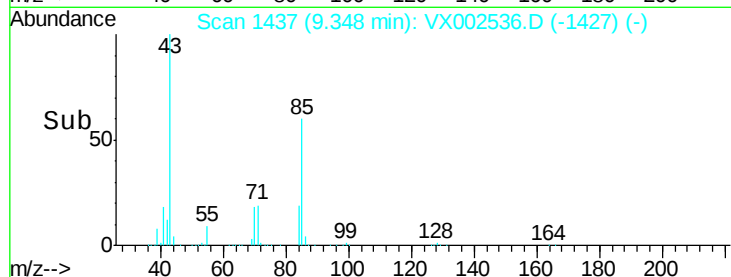
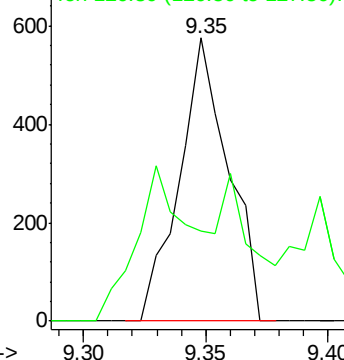
129 100

127 57.9 38.5 115.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 0.53 ug/l

RT: 9.66 min Scan# 1489

Delta R.T. -0.01 min

Lab File: VX002536.D

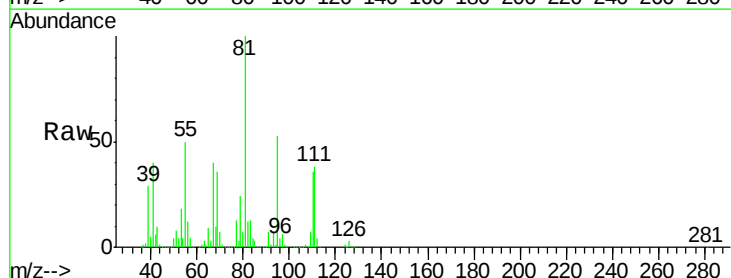
Acq: 14 Jun 2018 04:28

Tgt Ion:107 Resp: 1895

Ion Ratio Lower Upper

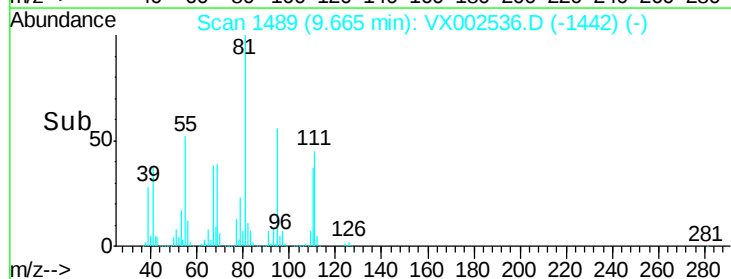
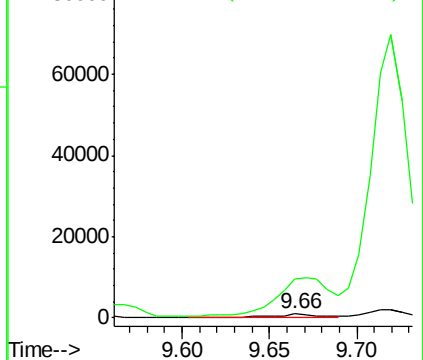
107 100

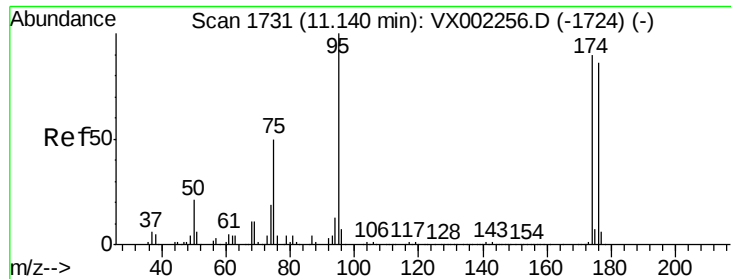
109 1099.6 75.3 112.9#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

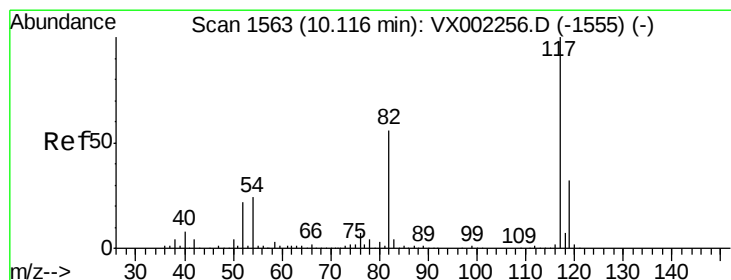
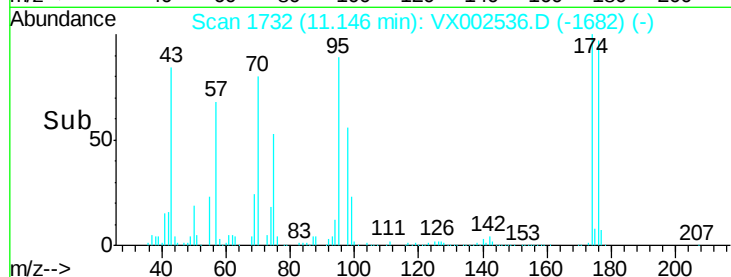
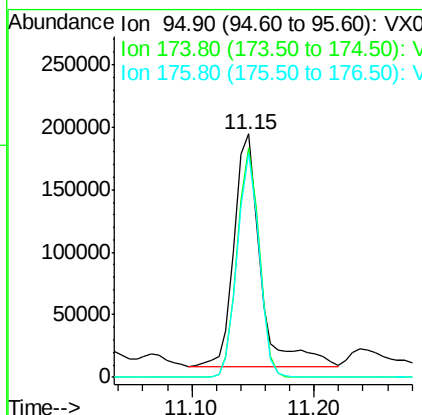
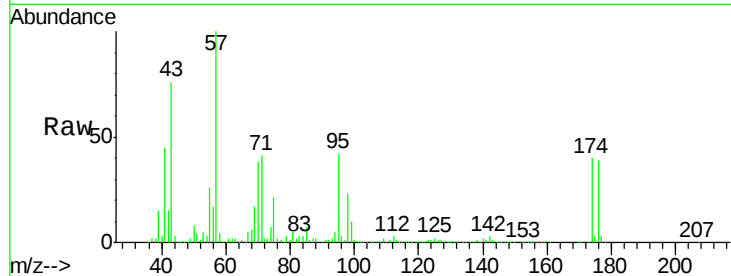




#62
4-Bromofluorobenzene
Concen: 58.67 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX002536.D
Acq: 14 Jun 2018 04:28

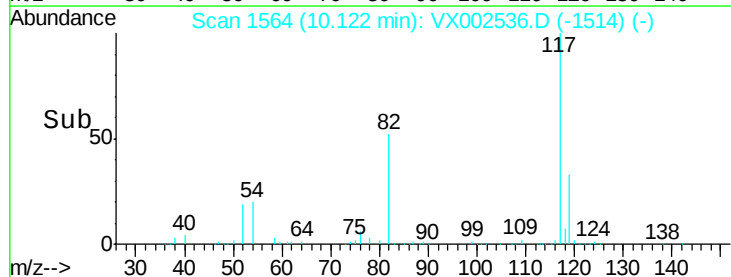
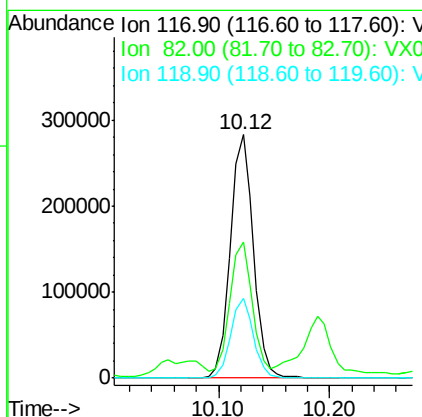
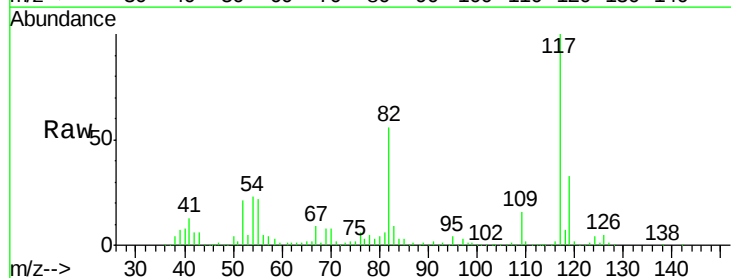
Instrument :
MSVOA_X
ClientSampled :

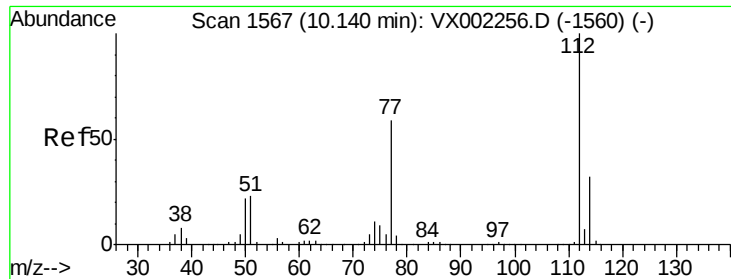
Tot Ion: 95 Resp: 275652
Ion Ratio Lower Upper
95 100
174 83.1 0.0 187.4
176 80.3 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX002536.D
Acq: 14 Jun 2018 04:28

Tgt Ion: 117 Resp: 404744
Ion Ratio Lower Upper
117 100
82 49.7 45.0 67.4
119 32.7 25.8 38.6





#65

Chlorobenzene

Concen: 0.87 ug/l

RT: 10.07 min Scan# 1555

Delta R.T. -0.07 min

Lab File: VX002536.D

Acq: 14 Jun 2018 04:28

Instrument :

MSVOA_X

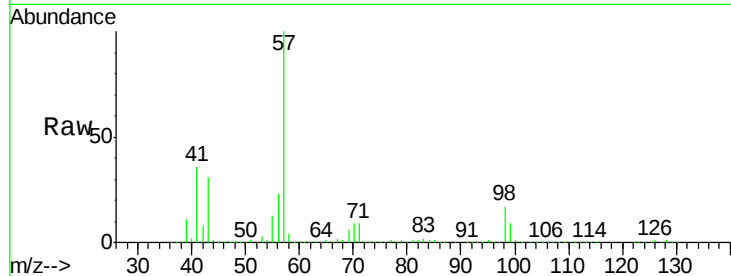
ClientSampleId :

Tot Ion:112 Resp: 8807

Ion Ratio Lower Upper

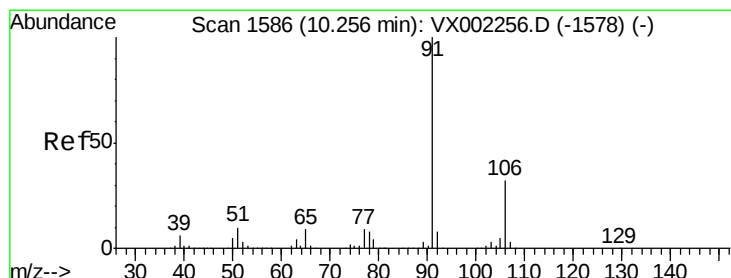
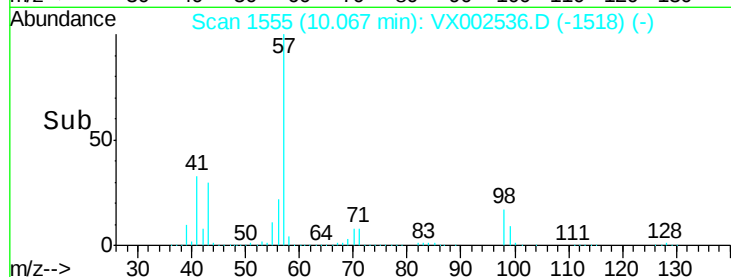
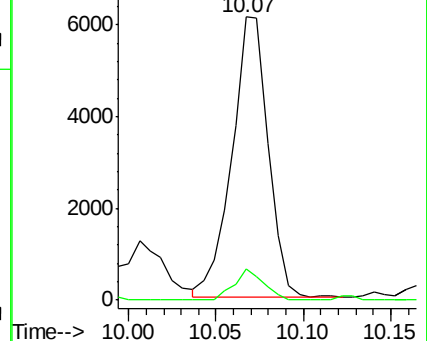
112 100

114 11.0 25.3 37.9#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#67

Ethyl Benzene

Concen: 423.48 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002536.D

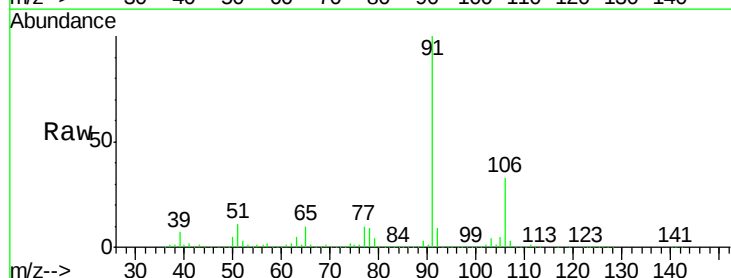
Acq: 14 Jun 2018 04:28

Tgt Ion: 91 Resp: 7137423

Ion Ratio Lower Upper

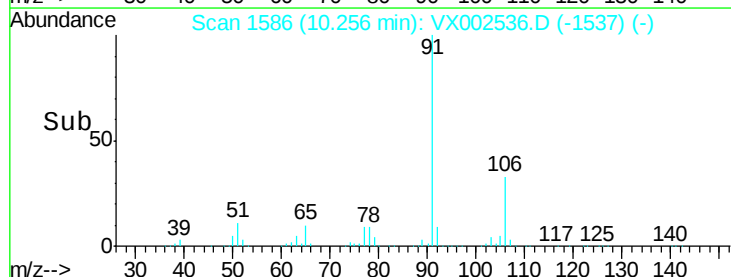
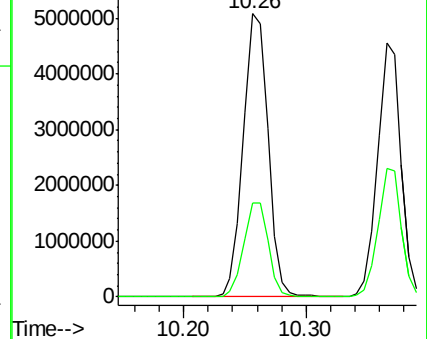
91 100

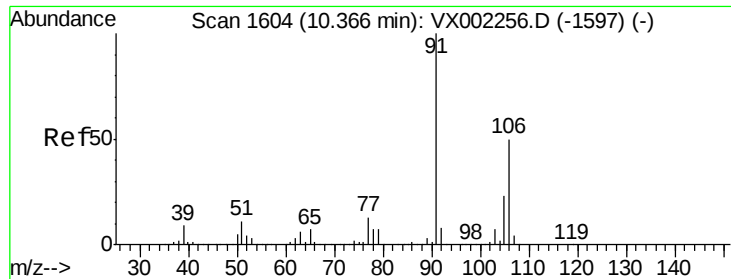
106 33.4 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

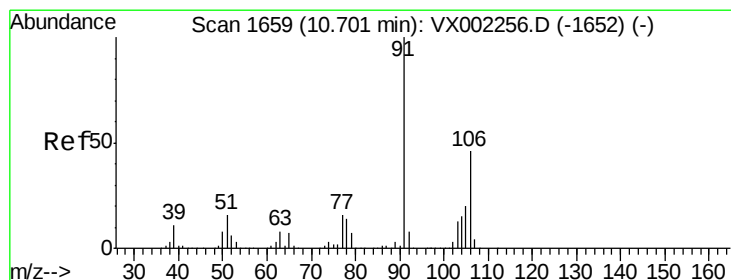
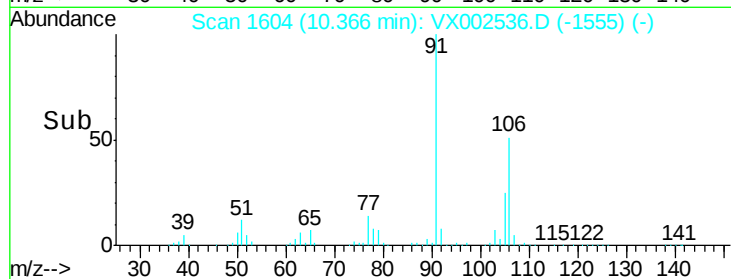
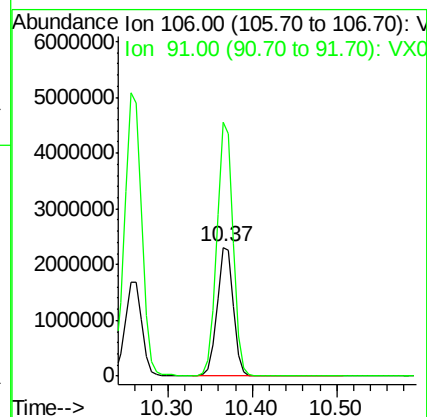
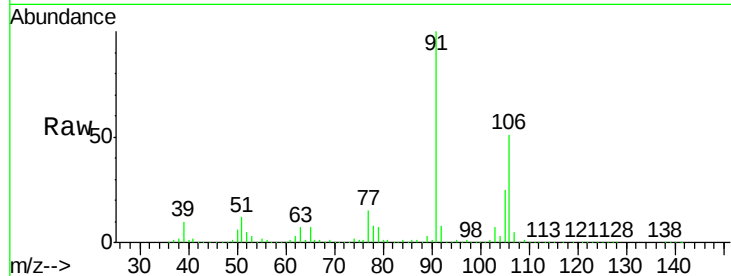




#68
m/p-Xvlenes
Concen: 470.18 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002536.D
Acq: 14 Jun 2018 04:28

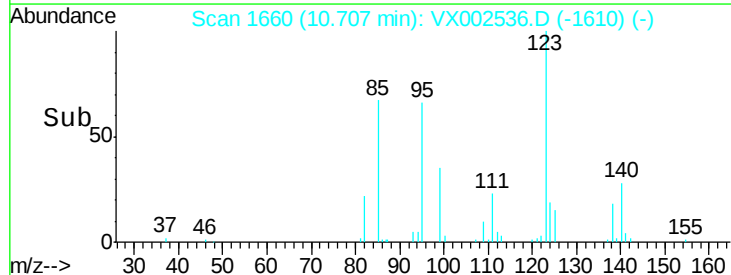
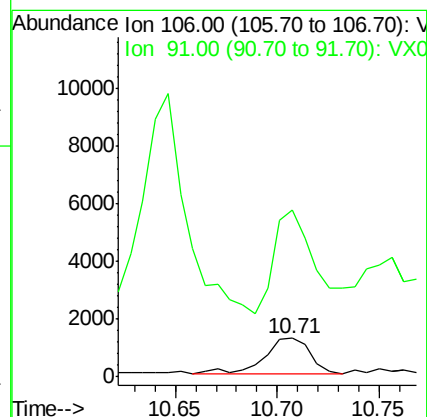
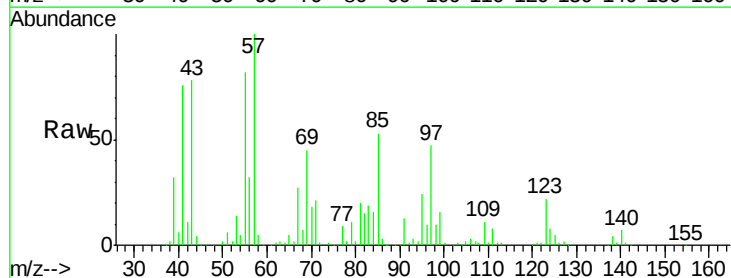
Instrument :
MSVOA_X
ClientSampled :

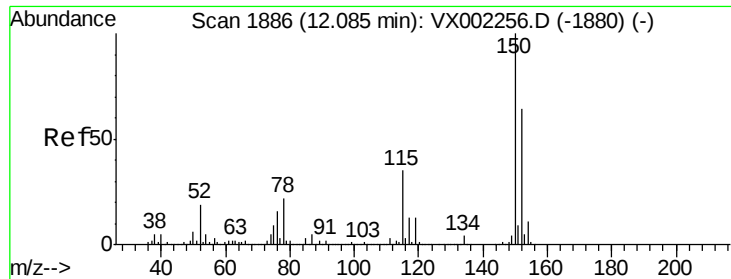
Tot Ion:106 Resp: 3080479
Ion Ratio Lower Upper
106 100
91 197.7 163.4 245.2



#69
o-Xylene
Concen: 0.31 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX002536.D
Acq: 14 Jun 2018 04:28

Tgt Ion:106 Resp: 1993
Ion Ratio Lower Upper
106 100
91 250.9 108.2 324.6



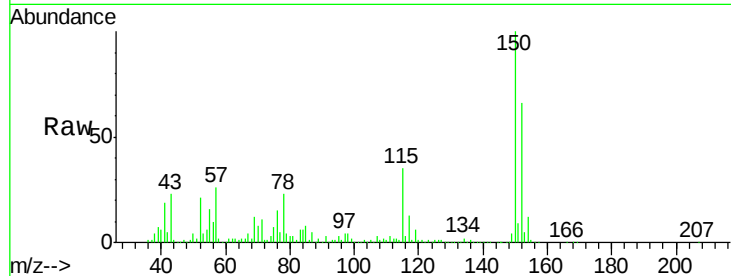


#72

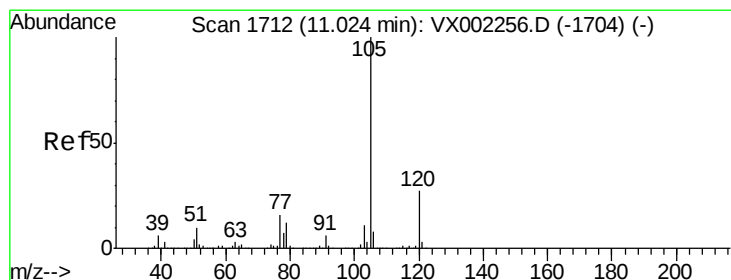
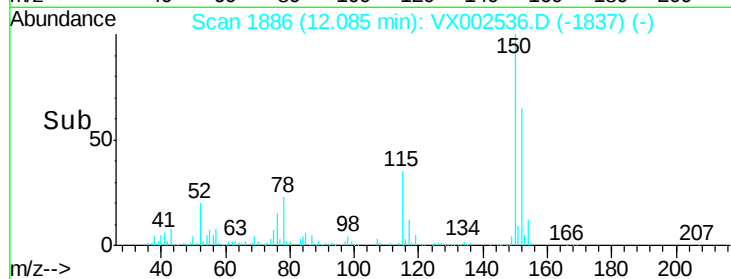
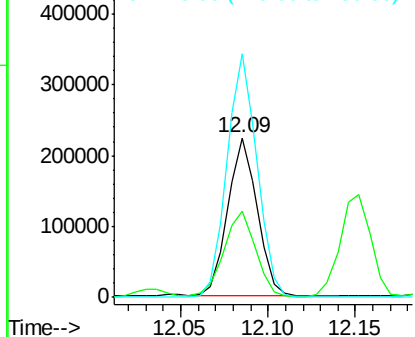
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002536.D
Acq: 14 Jun 2018 04:28

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:152 Resp: 262065
Ion Ratio Lower Upper
152 100
115 58.5 40.1 120.2
150 156.5 0.0 347.2



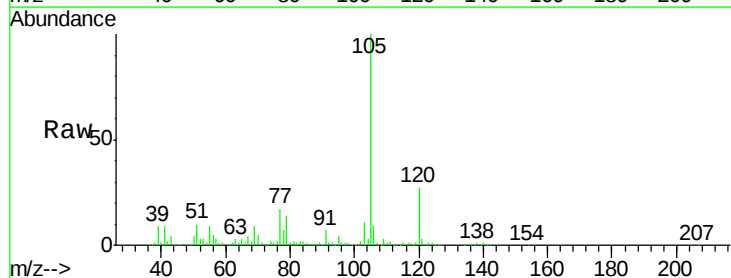
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



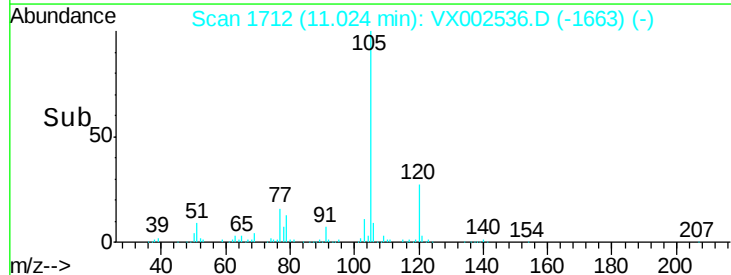
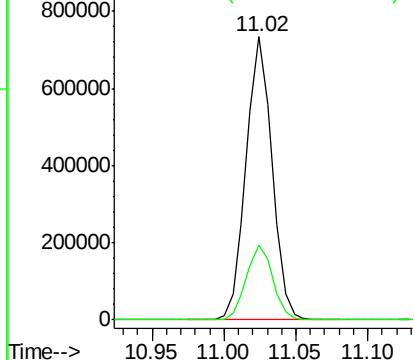
#73

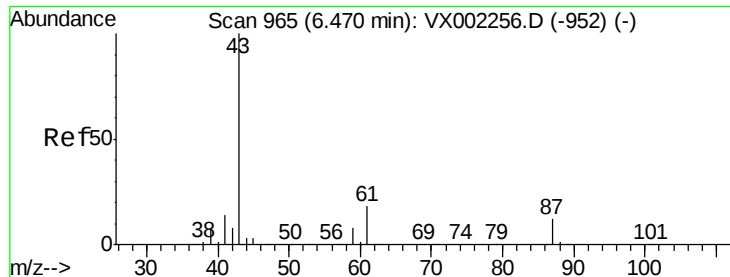
Isopropylbenzene
Concen: 50.11 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX002536.D
Acq: 14 Jun 2018 04:28

Tgt Ion:105 Resp: 913472
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 62.66 ug/l

RT: 6.28 min Scan# 933

Delta R.T. -0.20 min

Lab File: VX002536.D

Acq: 14 Jun 2018 04:28

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 615496

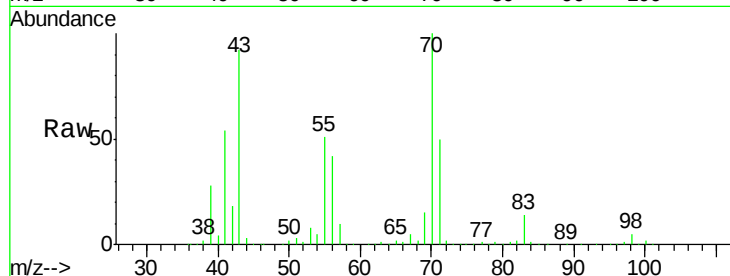
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 0.0 14.4 21.6#

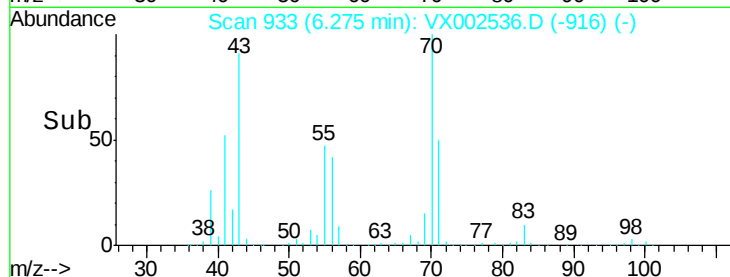


Abundance Ion 43.00 (42.70 to 43.70): VX0

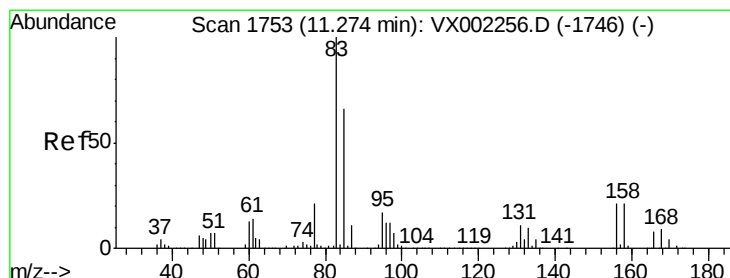
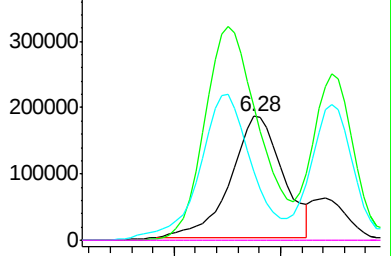
Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 4.31 ug/l

RT: 11.25 min Scan# 1749

Delta R.T. -0.02 min

Lab File: VX002536.D

Acq: 14 Jun 2018 04:28

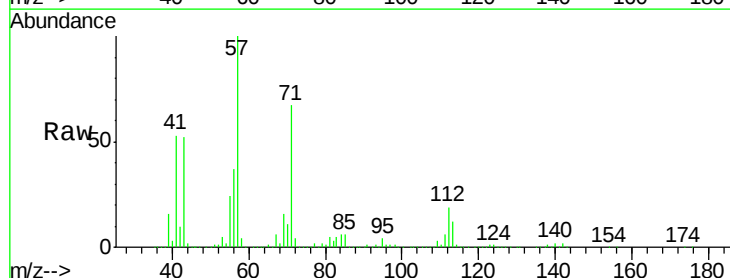
Tgt Ion: 83 Resp: 24716

Ion Ratio Lower Upper

83 100

131 0.1 5.6 16.8#

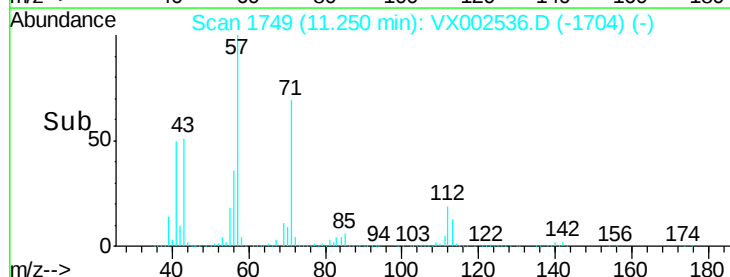
85 166.7 32.4 97.2#



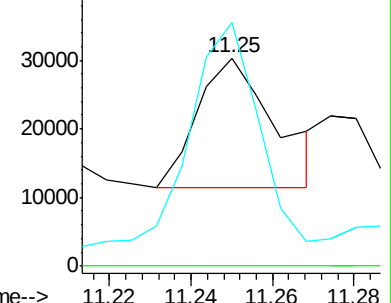
Abundance Ion 82.90 (82.60 to 83.60): VX0

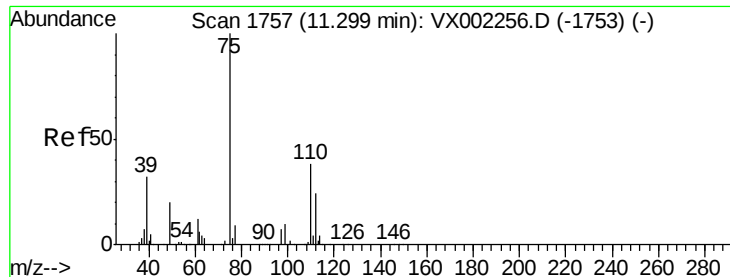
Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



Time-->





#76

1,2,3-Trichloropropane

Concen: 5.32 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.07 min

Lab File: VX002536.D

Acq: 14 Jun 2018 04:28

Instrument :

MSVOA_X

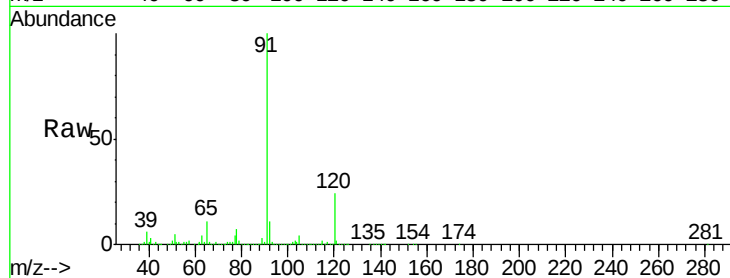
ClientSampleId :

Tot Ion: 75 Resp: 30582

Ion Ratio Lower Upper

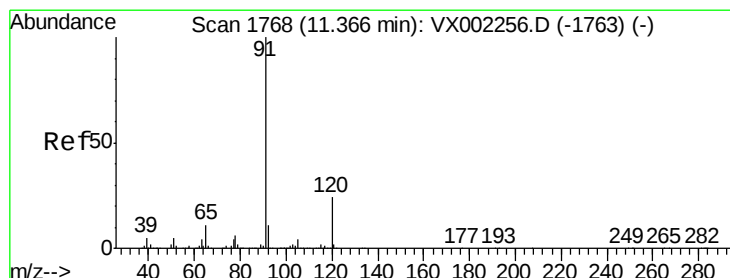
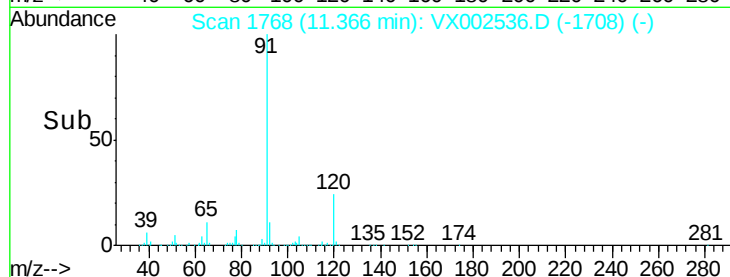
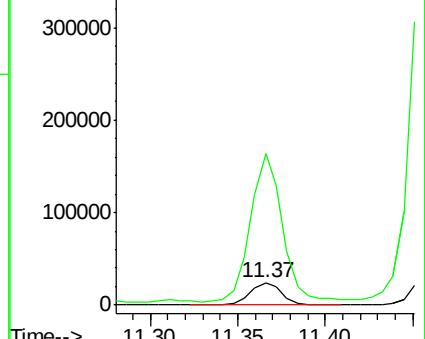
75 100

77 655.9 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: 234.01 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002536.D

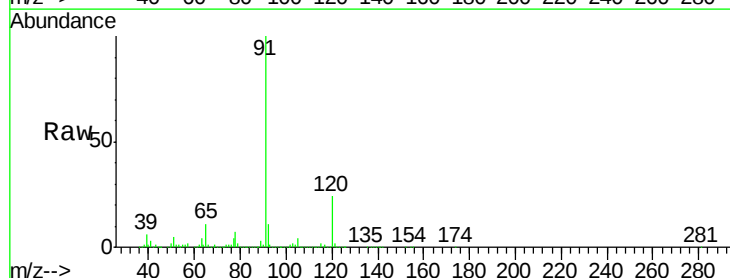
Acq: 14 Jun 2018 04:28

Tgt Ion: 91 Resp: 4741616

Ion Ratio Lower Upper

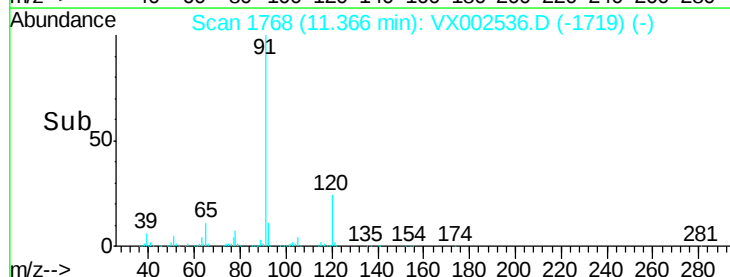
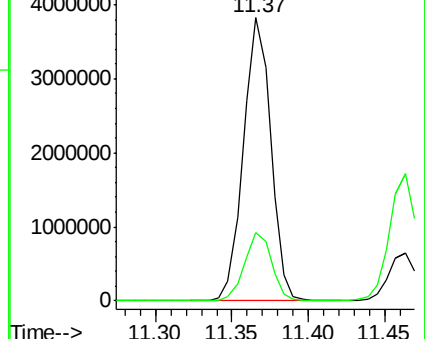
91 100

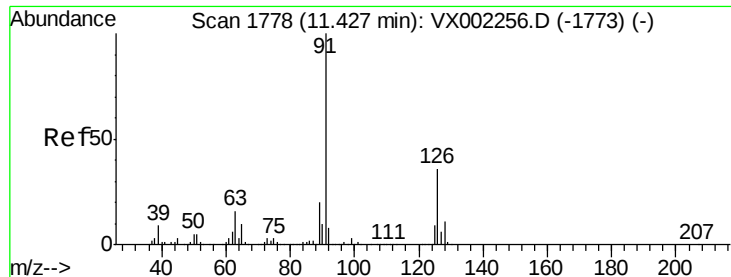
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

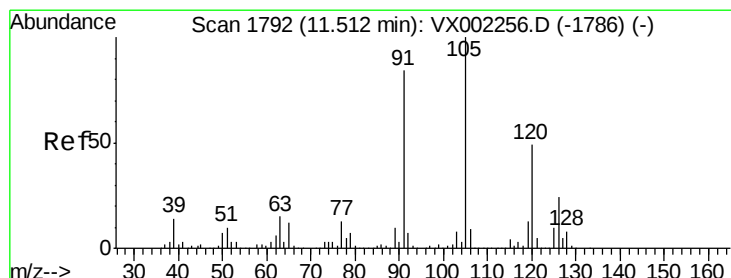
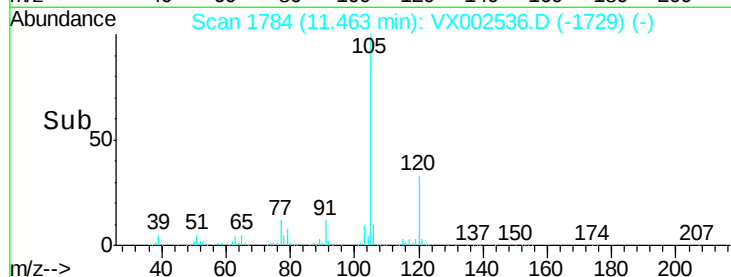
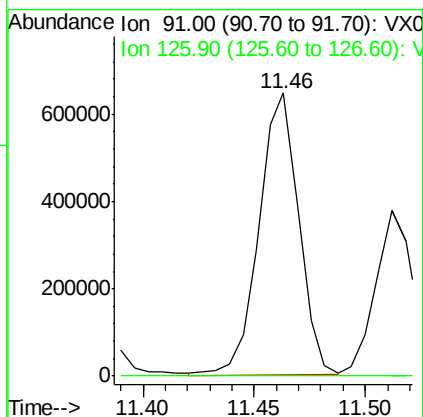
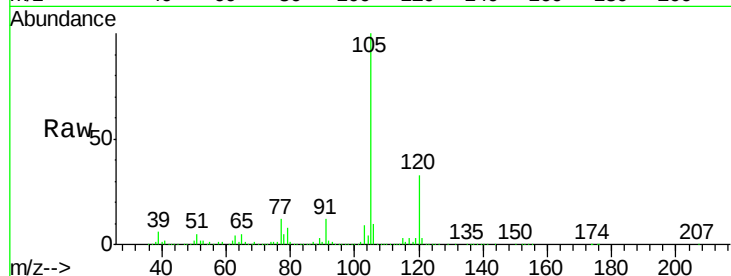




#79
 2-Chlorotoluene
 Concen: 62.42 ug/l
 RT: 11.46 min Scan# 1784
 Delta R.T. 0.04 min
 Lab File: VX002536.D
 Acq: 14 Jun 2018 04:28

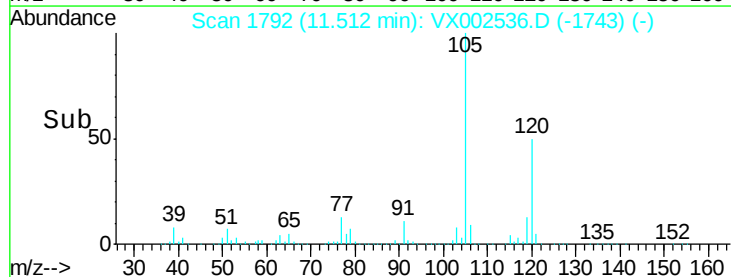
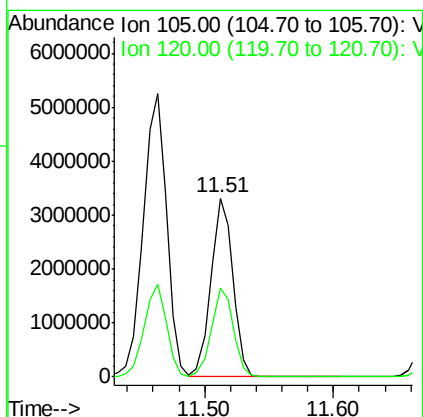
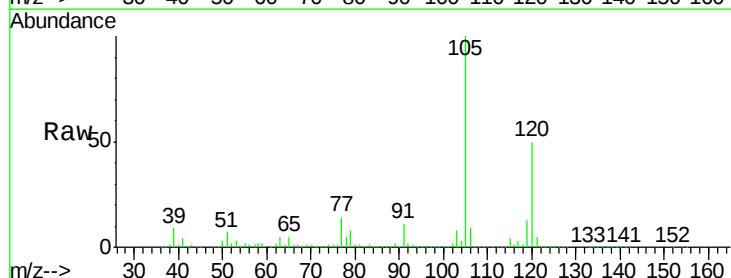
Instrument :
 MSVOA_X
 ClientSampleId :

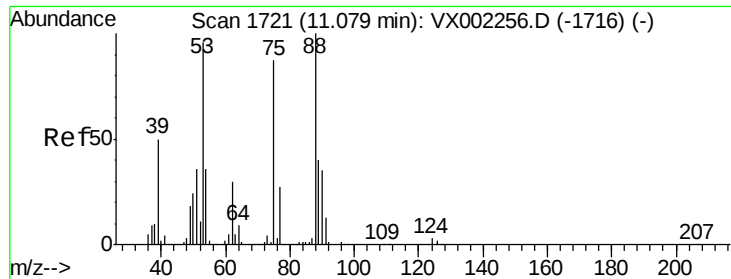
Tot Ion: 91 Resp: 798585
 Ion Ratio Lower Upper
 91 100
 126 0.2 17.7 53.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 253.65 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002536.D
 Acq: 14 Jun 2018 04:28

Tgt Ion: 105 Resp: 3966274
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 7.03 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.05 min

Lab File: VX002536.D

Acq: 14 Jun 2018 04:28

Instrument :

MSVOA_X

ClientSampleId :

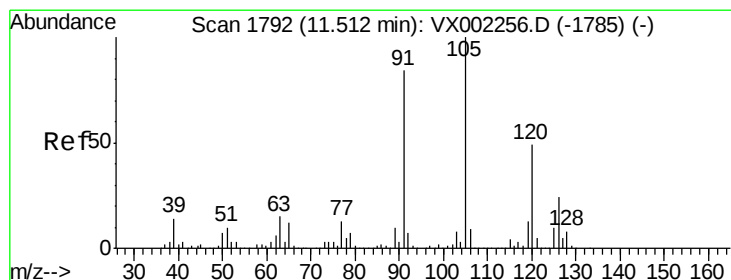
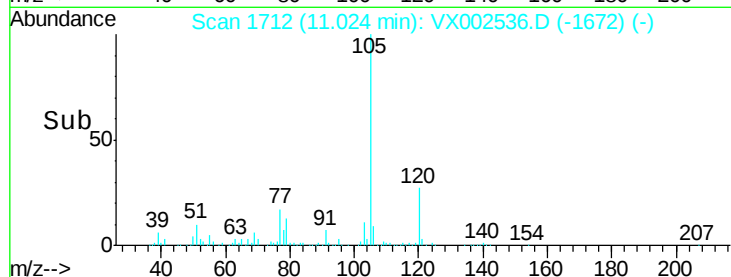
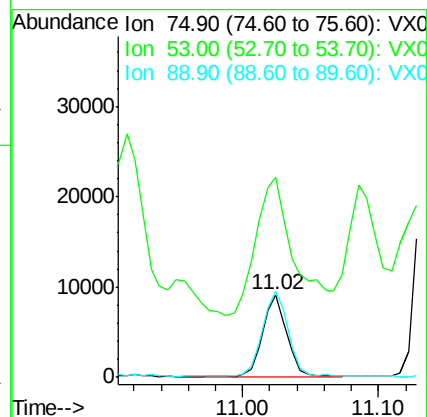
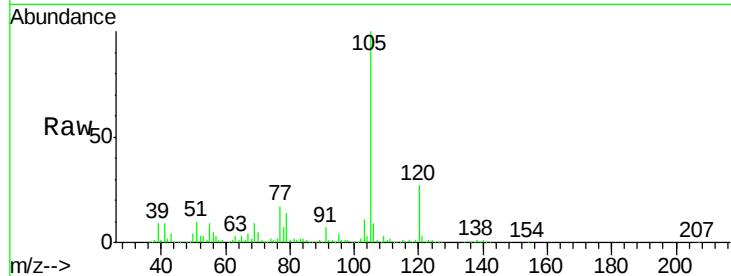
Tot Ion: 75 Resp: 11533

Ion Ratio Lower Upper

75 100

53 264.5 86.8 130.2#

89 108.1 38.2 57.2#



#82

4-Chlorotoluene

Concen: 30.11 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002536.D

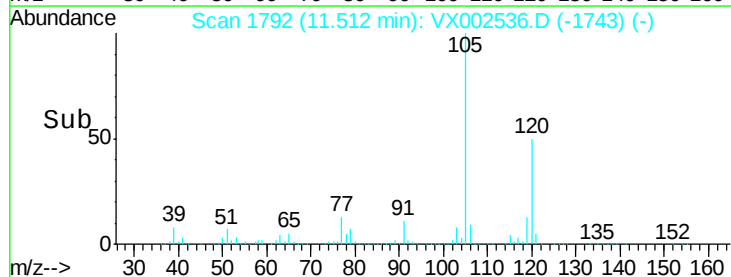
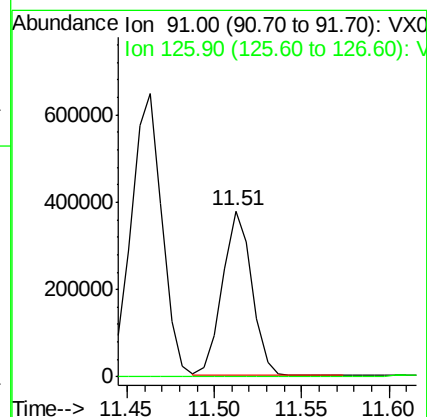
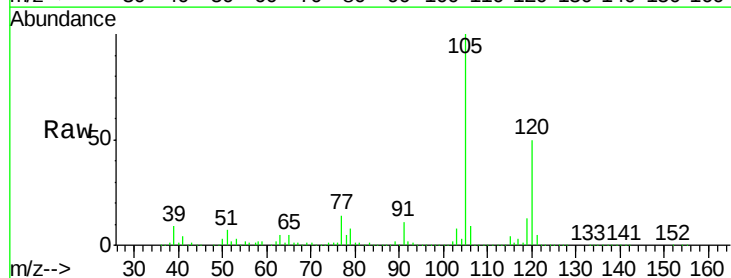
Acq: 14 Jun 2018 04:28

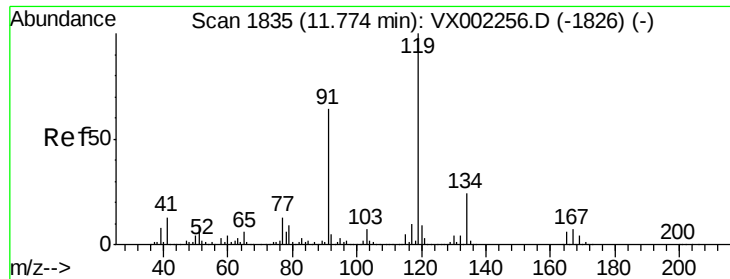
Tgt Ion: 91 Resp: 444616

Ion Ratio Lower Upper

91 100

126 0.4 15.4 46.4#

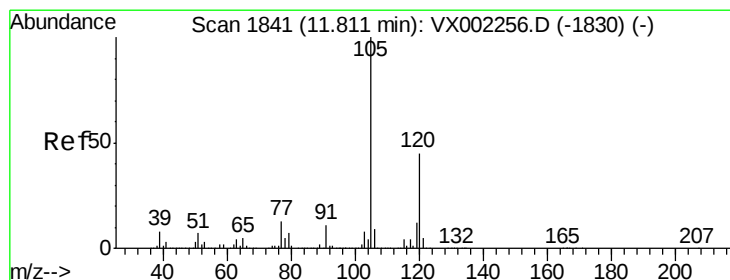
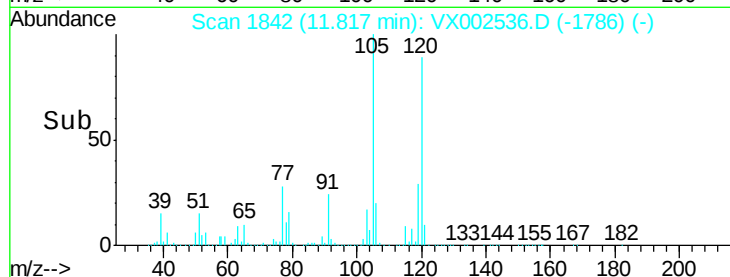
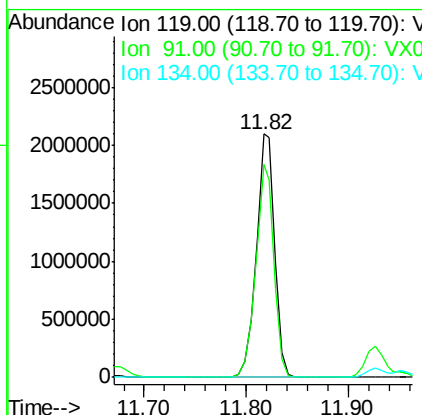
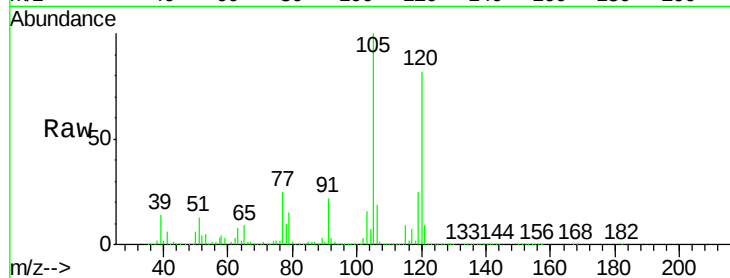




#83
 tert-Butylbenzene
 Concen: 174.79 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.04 min
 Lab File: VX002536.D
 Acq: 14 Jun 2018 04:28

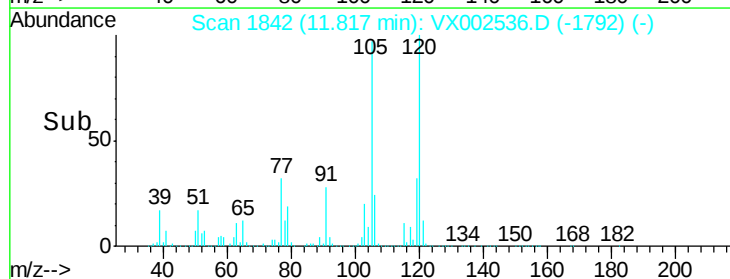
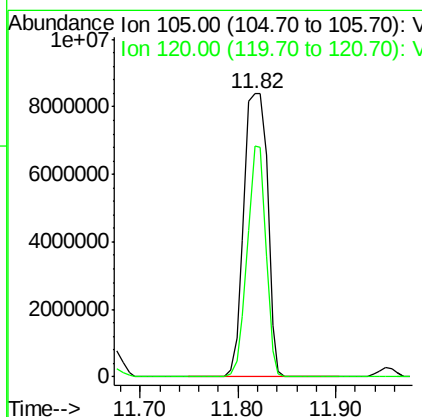
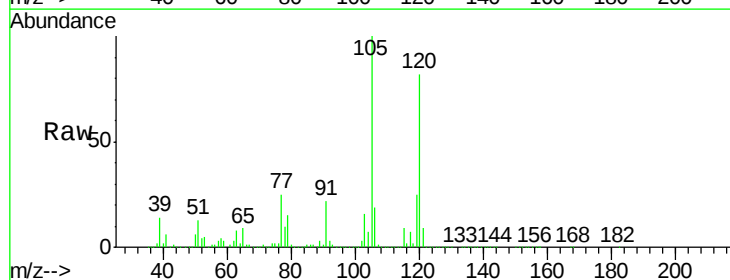
Instrument :
 MSVOA_X
 ClientSampled :

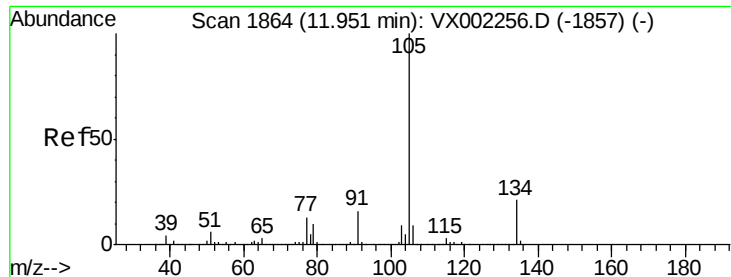
Tot Ion:119 Resp: 2661426
 Ion Ratio Lower Upper
 119 100
 91 86.1 30.3 90.9
 134 0.0 11.7 35.1#



#84
 1,2,4-Trimethylbenzene
 Concen: 878.44 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: VX002536.D
 Acq: 14 Jun 2018 04:28

Tgt Ion:105 Resp:14139516
 Ion Ratio Lower Upper
 105 100
 120 64.1 22.3 66.8

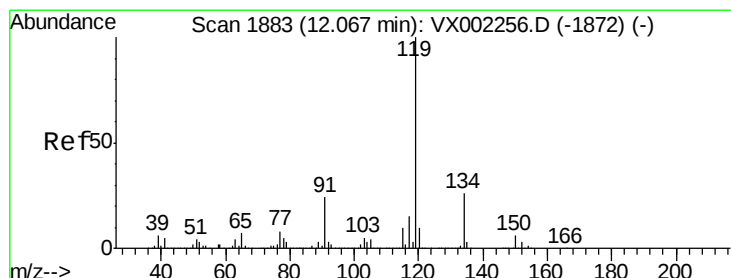
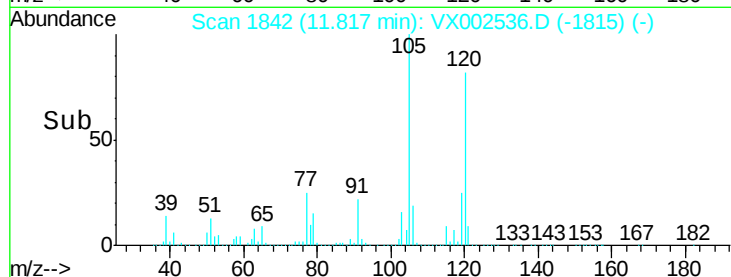
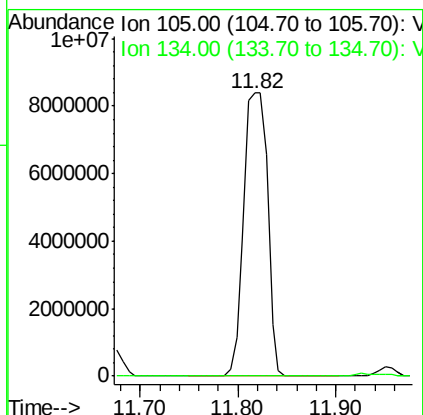
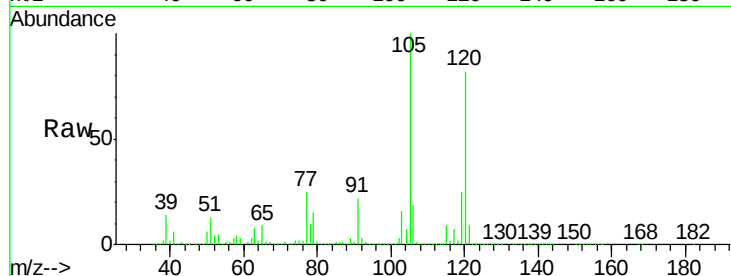




#85
 sec-Butylbenzene
 Concen: 792.09 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.13 min
 Lab File: VX002536.D
 Acq: 14 Jun 2018 04:28

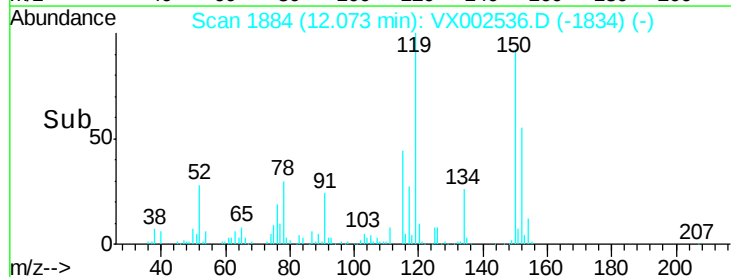
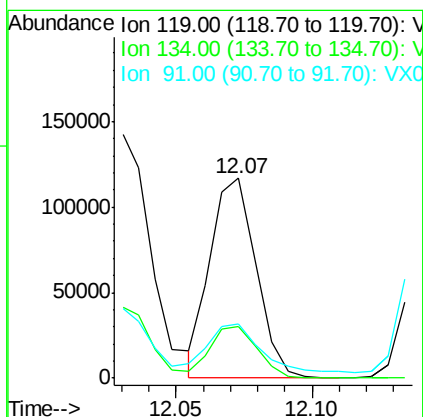
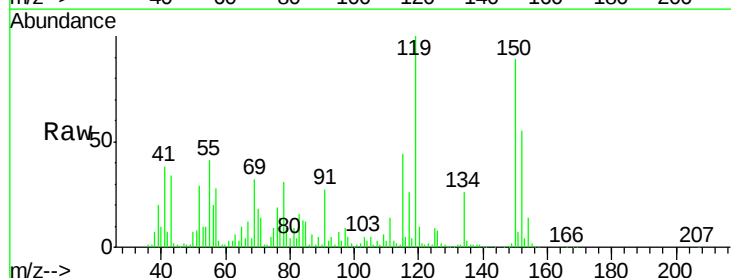
Instrument :
 MSVOA_X
 ClientSampleId :

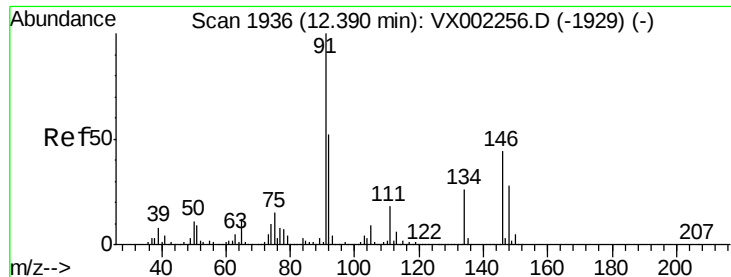
Tot Ion:105 Resp:14139516
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 8.38 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.01 min
 Lab File: VX002536.D
 Acq: 14 Jun 2018 04:28

Tgt Ion:119 Resp: 136175
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.1
 91 0.0 11.9 35.7#





#89

n-Butylbenzene

Concen: 117.58 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002536.D

Acq: 14 Jun 2018 04:28

Instrument :

MSVOA_X

ClientSampled :

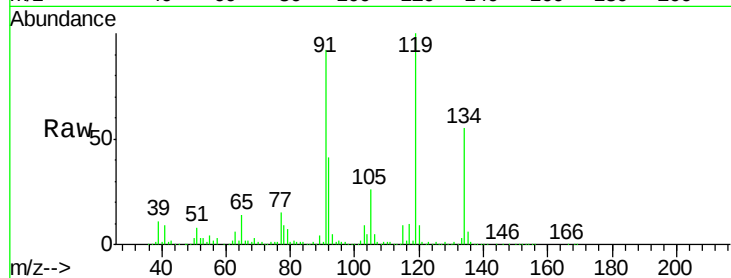
Tot Ion: 91 Resp: 1603479

Ion Ratio Lower Upper

91 100

92 36.0 26.0 78.0

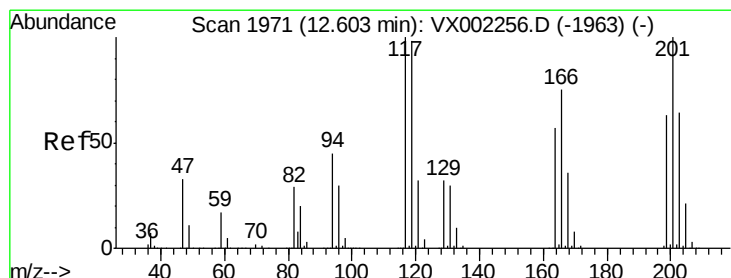
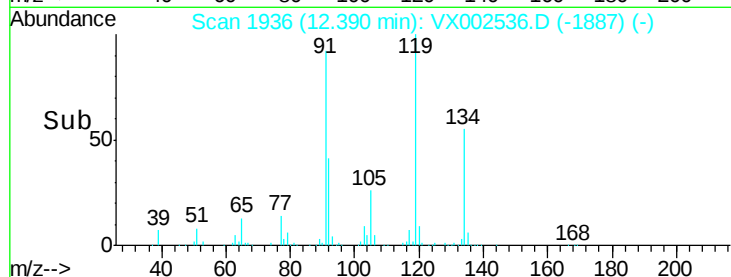
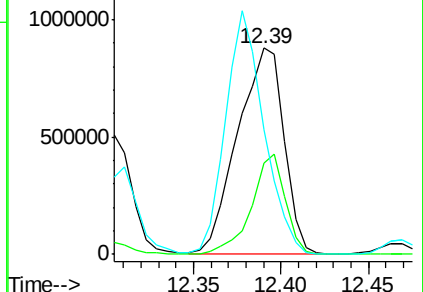
134 98.5 13.5 40.5#



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: 85.29 ug/l

RT: 12.59 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VX002536.D

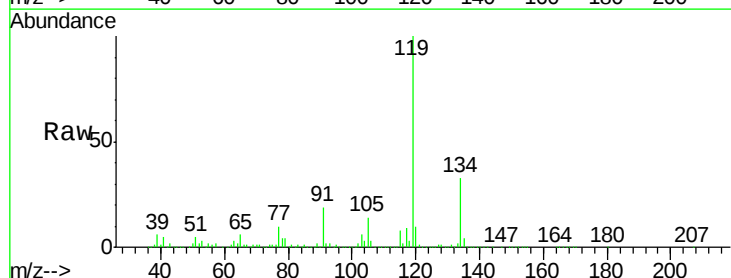
Acq: 14 Jun 2018 04:28

Tgt Ion: 117 Resp: 221376

Ion Ratio Lower Upper

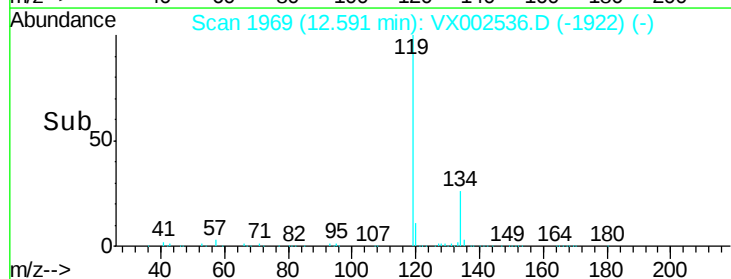
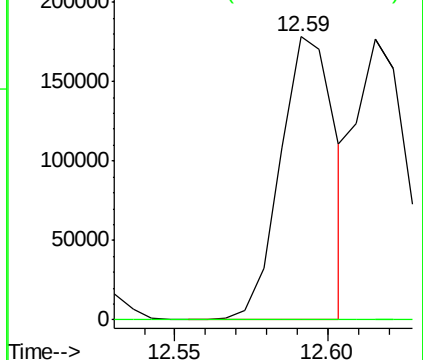
117 100

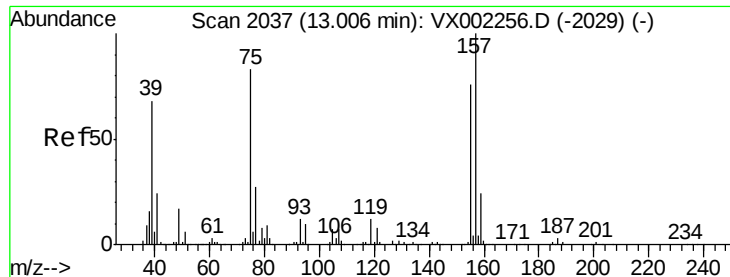
201 0.0 49.0 147.0#



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: 17.86 ug/l

RT: 13.02 min Scan# 2040

Delta R.T. 0.02 min

Lab File: VX002536.D

Acq: 14 Jun 2018 04:28

Instrument :

MSVOA_X

ClientSampleId :

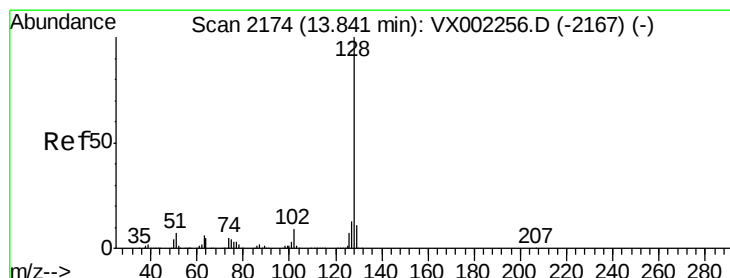
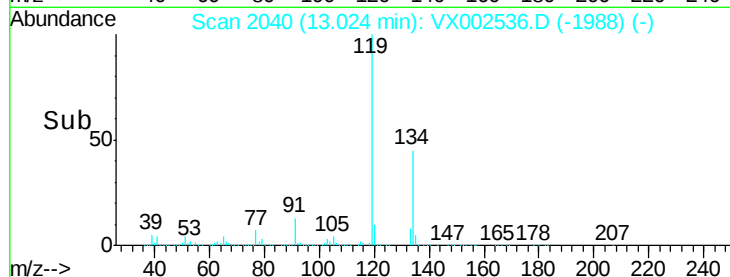
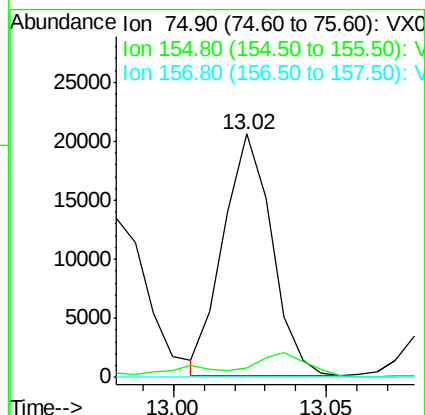
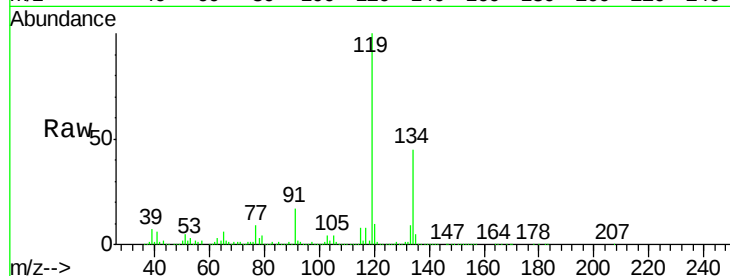
Tot Ion: 75 Resp: 22395

Ion Ratio Lower Upper

75 100

155 10.2 45.8 137.4#

157 0.3 60.1 180.3#



#95

Naphthalene

Concen: 153.12 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002536.D

Acq: 14 Jun 2018 04:28

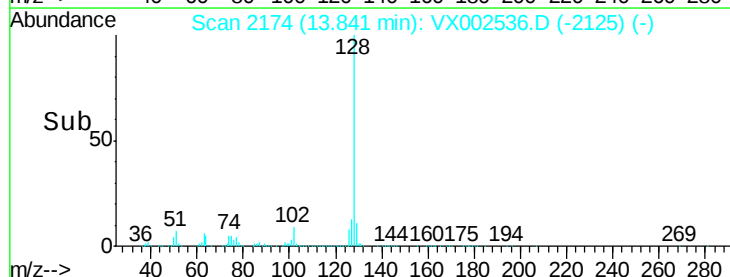
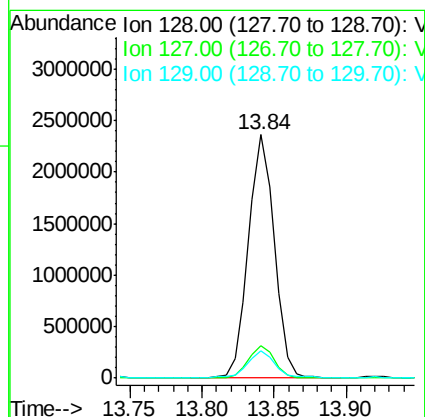
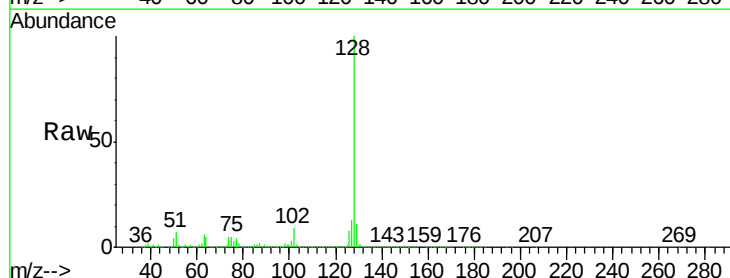
Tgt Ion:128 Resp: 2920800

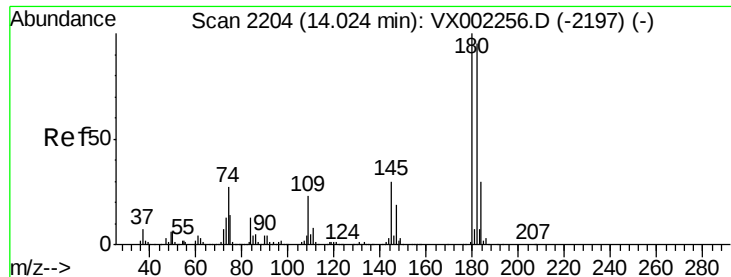
Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 12.0 8.6 13.0

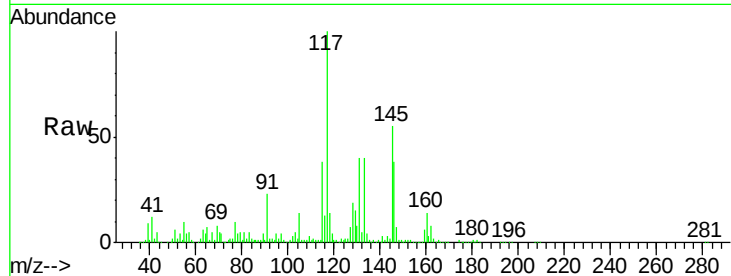




#96
 1,2,3-Trichlorobenzene
 Concen: 0.21 ug/l
 RT: 14.04 min Scan# 2207
 Delta R.T. 0.02 min
 Lab File: VX002536.D
 Acq: 14 Jun 2018 04:28

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 1393
 Ion Ratio Lower Upper
 180 100
 182 150.2 48.0 144.0#
 145 9955.8 14.8 44.3#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

