

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060618\
 Data File : VX002363.D
 Acq On : 06 Jun 2018 19:56
 Operator : JC/MD
 Sample : J3312-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 07 03:26:31 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	5.67	168	227654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	324117	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	295979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	172355	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	152750	46.69	ug/l	0.00
Spiked Amount			Recovery	=	93.38%	
35) Dibromofluoromethane	5.51	113	113739	44.62	ug/l	0.00
Spiked Amount			Recovery	=	89.24%	
50) Toluene-d8	8.72	98	464787	47.57	ug/l	0.00
Spiked Amount			Recovery	=	95.14%	
62) 4-Bromofluorobenzene	11.14	95	163876	43.50	ug/l	0.00
Spiked Amount			Recovery	=	87.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	541	Below Cal	#	76
5) Bromomethane	1.65	94	906	Below Cal	#	76
6) Chloroethane	1.68	64	509	0.26	ug/l	57
8) Diethyl Ether	2.25	74	49	Below Cal	#	51
10) Methyl Iodide	2.52	142	970	0.28	ug/l	87
11) Tert butyl alcohol	3.07	59	1909	Below Cal	#	67
13) Acrolein	2.31	56	57	Below Cal	#	14
15) Acrylonitrile	3.18	53	314	Below Cal	#	78
16) Acetone	2.45	43	5189	Below Cal	#	90
18) Methyl Acetate	2.78	43	277	Below Cal	#	29
19) Methyl tert-butyl Ether	3.21	73	235	Below Cal	#	54
20) Methylene Chloride	2.86	84	1044	Below Cal	#	86
22) Diisopropyl ether	3.89	45	54	Below Cal	#	45
28) Bromochloromethane	5.05	49	48	Below Cal	#	13
29) Tetrahydrofuran	5.18	42	407	0.28	ug/l	36
31) Cyclohexane	5.57	56	12582	3.06	ug/l	94
36) 1,1-Dichloropropene	5.67	75	16322	4.79	ug/l	50
38) Carbon Tetrachloride	5.67	117	21376	6.00	ug/l	15
39) Methylcyclohexane	7.46	83	13469	3.45	ug/l	96
48) Methyl methacrylate	7.75	41	712	0.20	ug/l	82
55) 1,1,2-Trichloroethane	9.16	97	1872	0.68	ug/l	21
67) Ethyl Benzene	10.26	91	2605	0.21	ug/l	92
73) Isopropylbenzene	11.02	105	475937	39.70	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.28	83	1364	0.36	ug/l	36
76) 1,2,3-Trichloropropane	11.36	75	3818	1.01	ug/l	1
78) n-propylbenzene	11.37	91	555203	41.66	ug/l	99
79) 2-Chlorotoluene	11.37	91	555203	65.98	ug/l	39
81) trans-1,4-Dichloro-2-buten	11.14	75	88498	82.03	ug/l	6
82) 4-Chlorotoluene	11.37	91	555203	57.16	ug/l	44
83) tert-Butylbenzene	11.77	119	28425	2.84	ug/l	92
84) 1,2,4-Trimethylbenzene	11.95	105	178773	16.89	ug/l	32
85) sec-Butylbenzene	11.95	105	178773	15.23	ug/l	85
86) p-Isopropyltoluene	12.24	119	74232	6.94	ug/l	96
89) n-Butylbenzene	12.39	91	82391	9.19	ug/l	75

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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

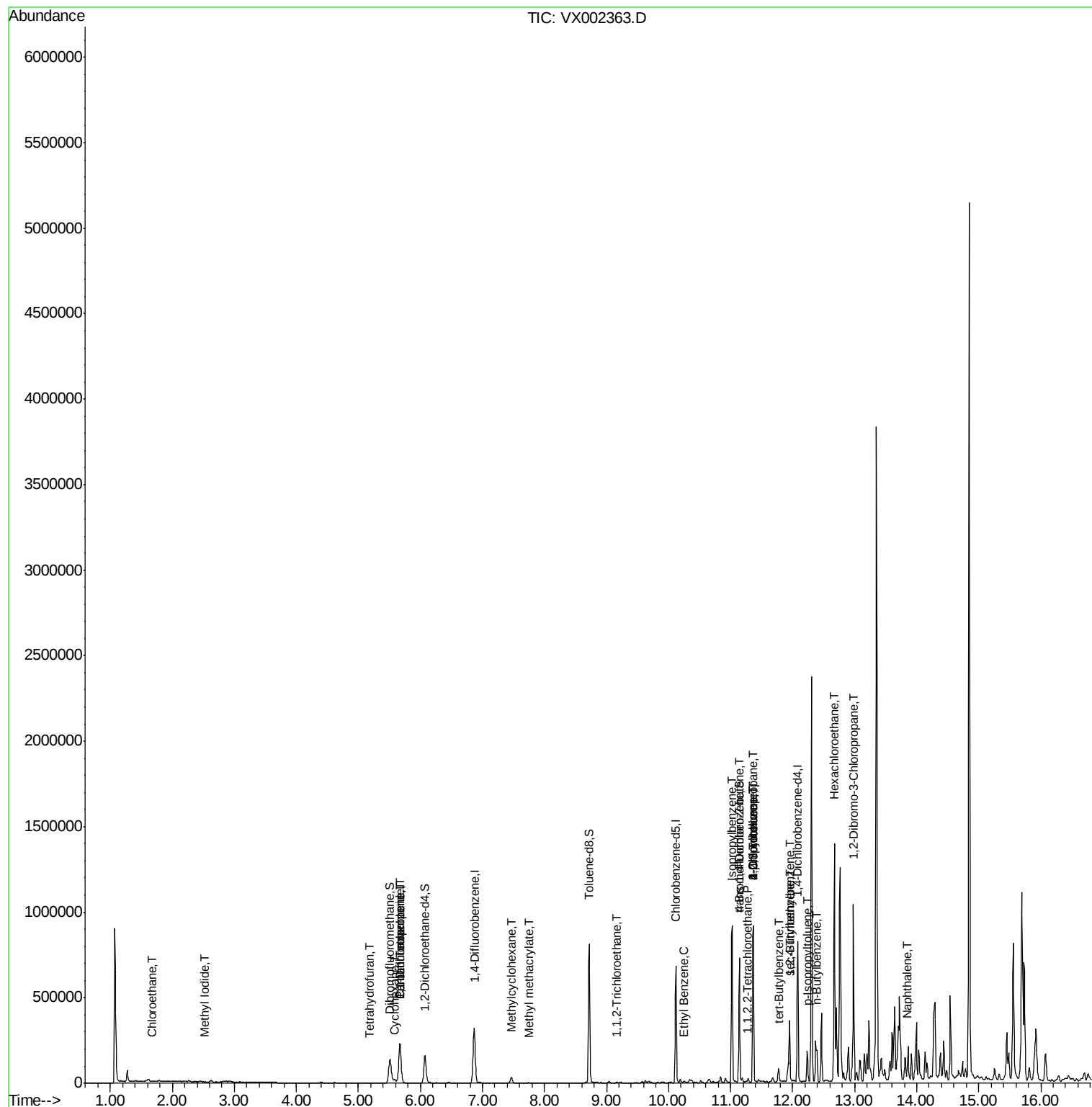
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.67	117	62587	36.66	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	12.98	75	3668	4.45	ug/l #	19
95) Naphthalene	13.84	128	7700	0.61	ug/l #	40

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

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QLast Update : Tue Jun 05 03:22:35 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002363.D

Acq: 06 Jun 2018 19:56

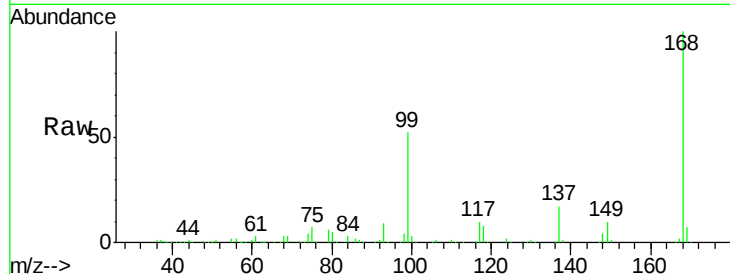
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 227654

Ion Ratio Lower Upper

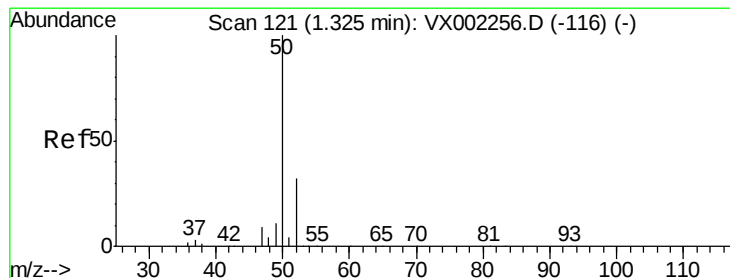
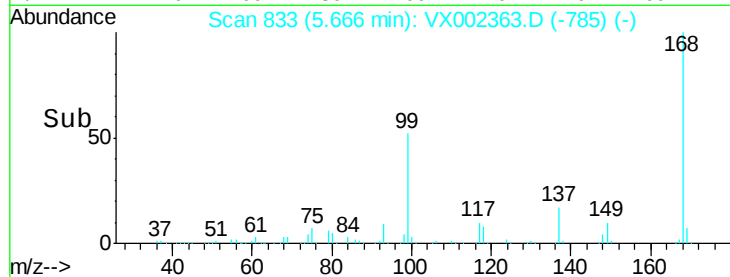
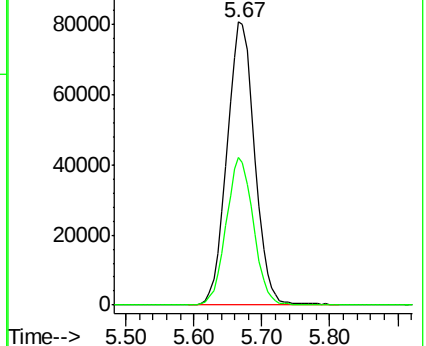
168 100

99 52.2 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: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002363.D

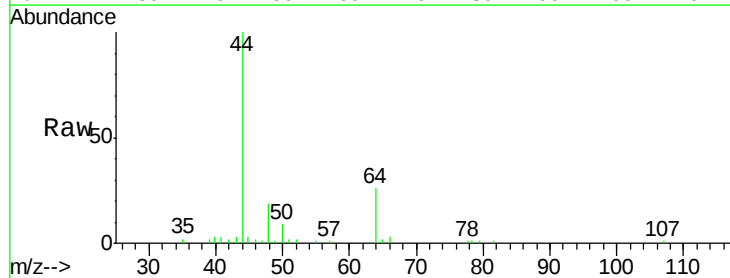
Acq: 06 Jun 2018 19:56

Tgt Ion: 50 Resp: 541

Ion Ratio Lower Upper

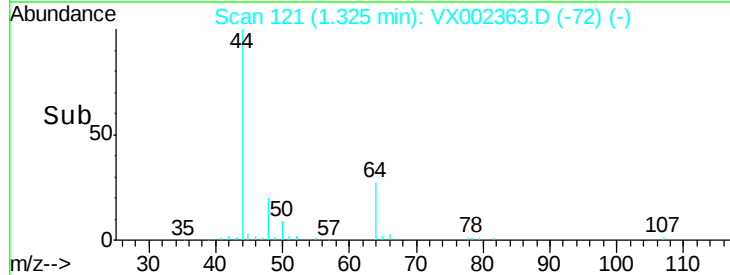
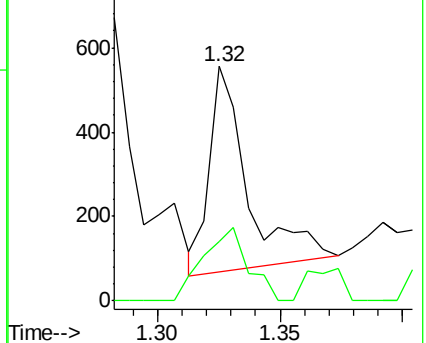
50 100

52 18.7 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: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX002363.D

Acq: 06 Jun 2018 19:56

Instrument :

MSVOA_X

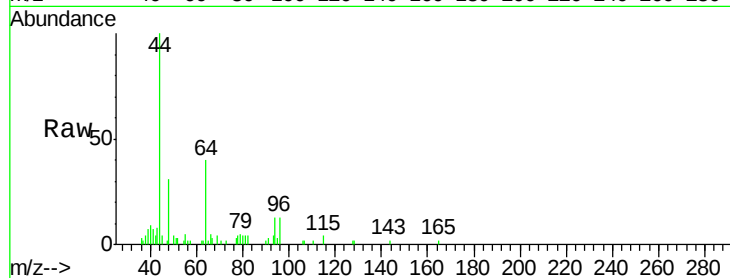
ClientSampled :

Tot Ion: 94 Resp: 906

Ion Ratio Lower Upper

94 100

96 116.5 74.9 112.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

400

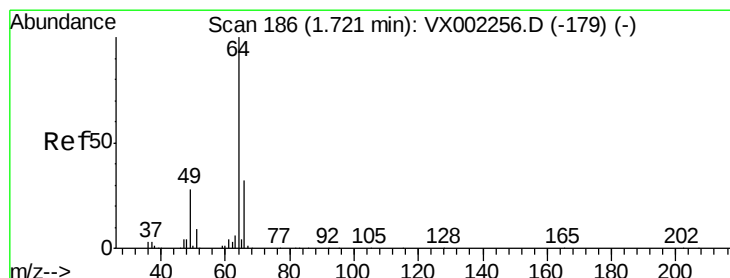
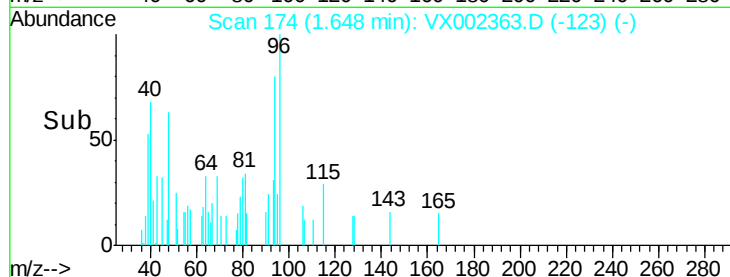
300

200

100

0

Time-->



#6

Chloroethane

Concen: 0.26 ug/l

RT: 1.68 min Scan# 179

Delta R.T. -0.04 min

Lab File: VX002363.D

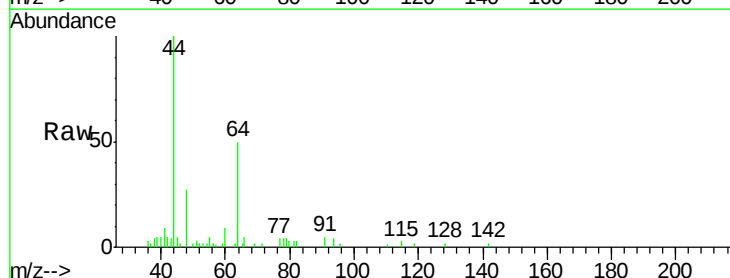
Acq: 06 Jun 2018 19:56

Tgt Ion: 64 Resp: 509

Ion Ratio Lower Upper

64 100

66 8.1 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.68

2000

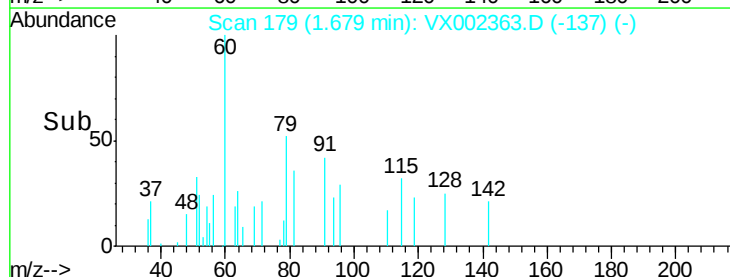
1500

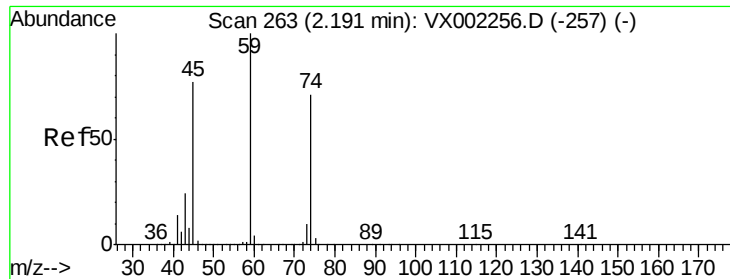
1000

500

0

Time-->

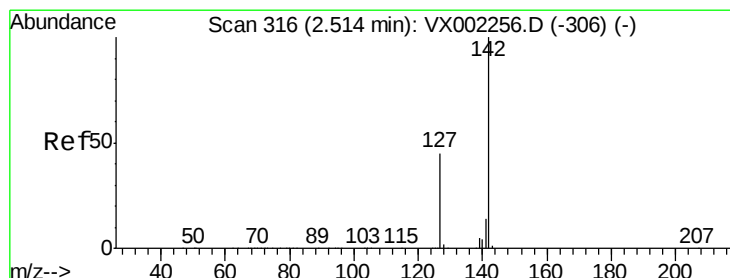
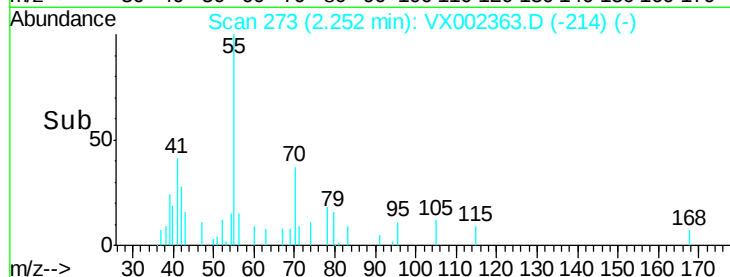
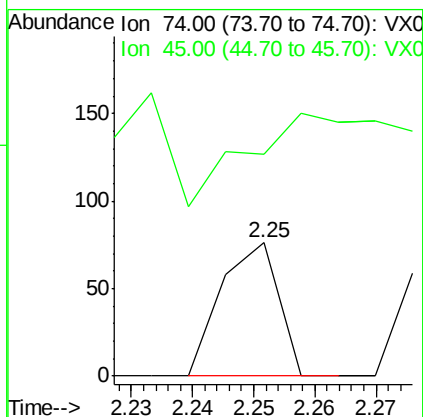
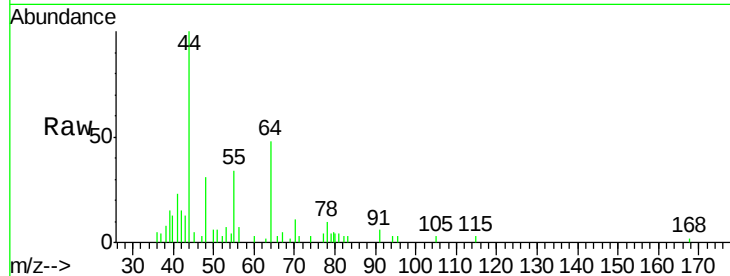




#8
Diethyl Ether
Concen: Below Cal
RT: 2.25 min Scan# 273
Delta R.T. 0.06 min
Lab File: VX002363.D
Acq: 06 Jun 2018 19:56

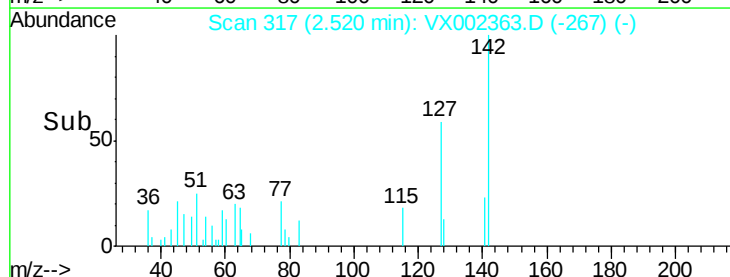
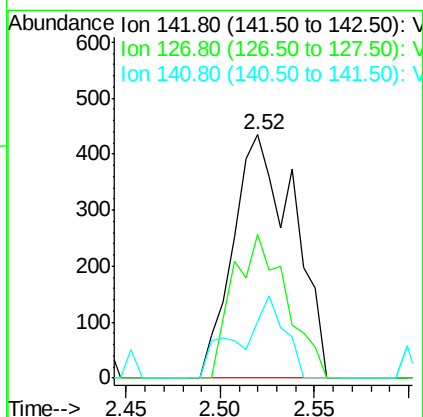
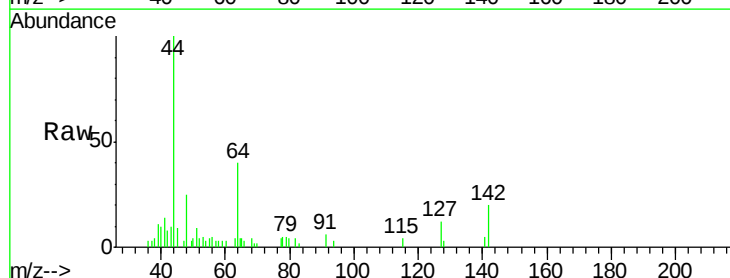
Instrument :
MSVOA_X
ClientSampleId :

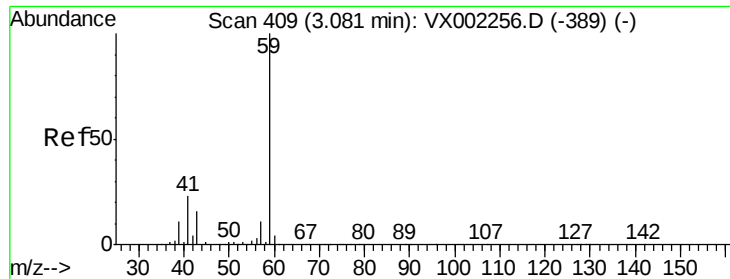
Tot Ion: 74 Resp: 49
Ion Ratio Lower Upper
74 100
45 55.1 53.1 159.4



#10
Methyl Iodide
Concen: 0.28 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002363.D
Acq: 06 Jun 2018 19:56

Tgt Ion: 142 Resp: 970
Ion Ratio Lower Upper
142 100
127 51.9 36.6 55.0
141 25.2 11.3 16.9#

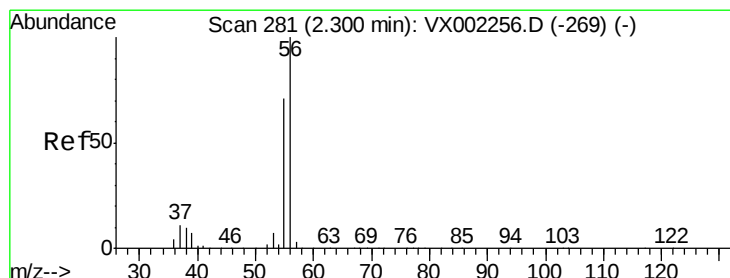
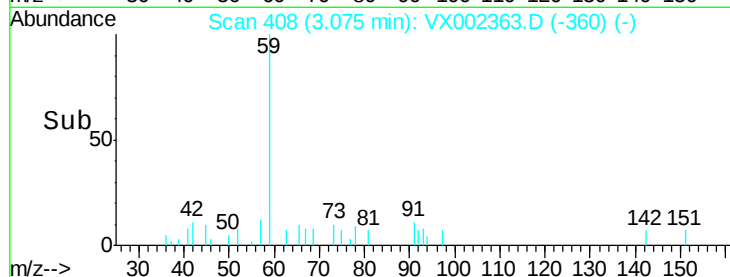
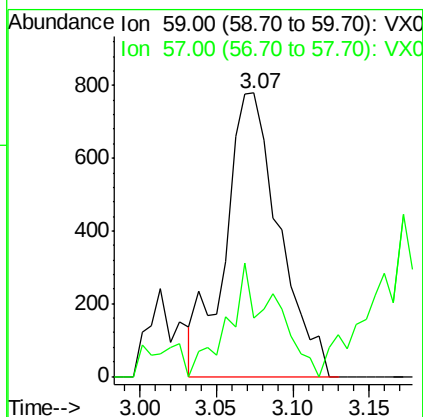
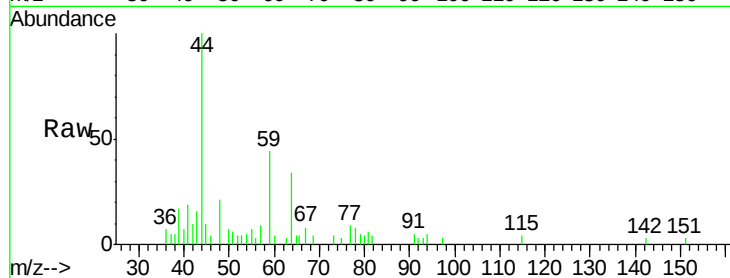




#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002363.D
Acq: 06 Jun 2018 19:56

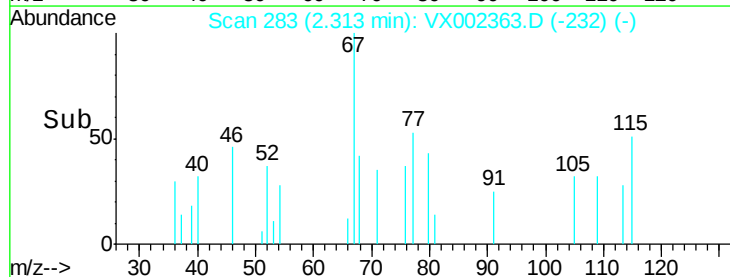
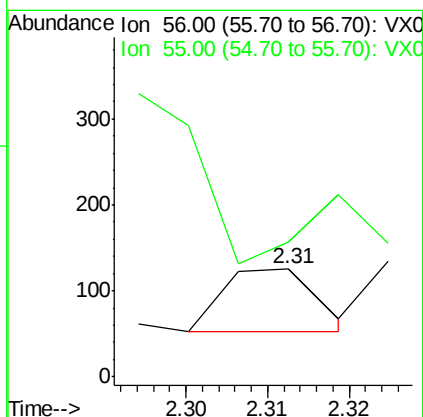
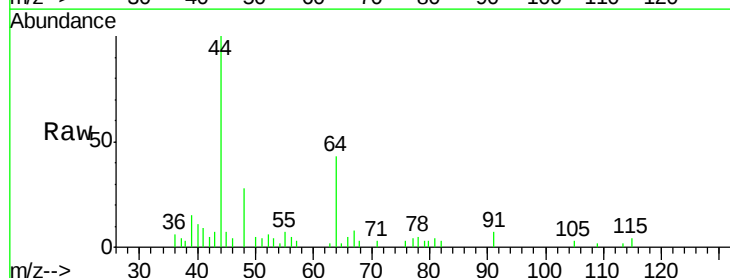
Instrument :
MSVOA_X
ClientSampled :

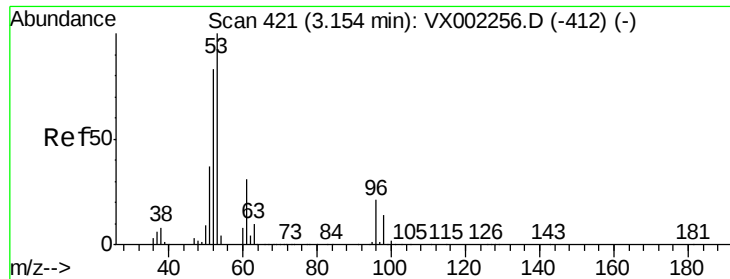
Tot Ion: 59 Resp: 1909
Ion Ratio Lower Upper
59 100
57 22.3 8.2 12.2#



#13
Acrolein
Concen: Below Cal
RT: 2.31 min Scan# 283
Delta R.T. 0.01 min
Lab File: VX002363.D
Acq: 06 Jun 2018 19:56

Tgt Ion: 56 Resp: 57
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#





#15

Acrylonitrile

Concen: Below Cal

RT: 3.18 min Scan# 426

Delta R.T. 0.03 min

Lab File: VX002363.D

Acq: 06 Jun 2018 19:56

Instrument :

MSVOA_X

ClientSampled :

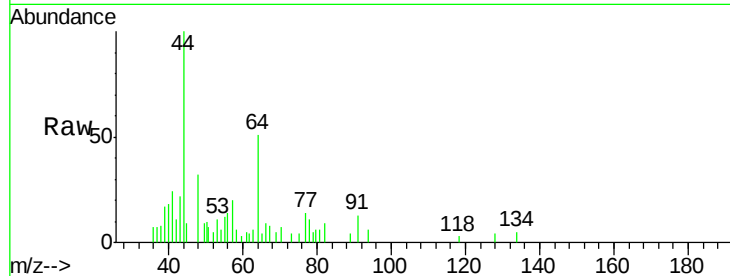
Tot Ion: 53 Resp: 314

Ion Ratio Lower Upper

53 100

52 86.3 66.7 100.1

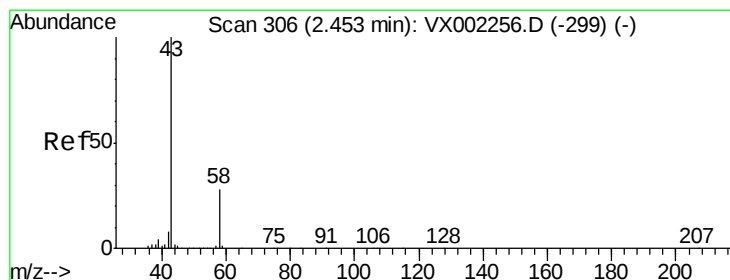
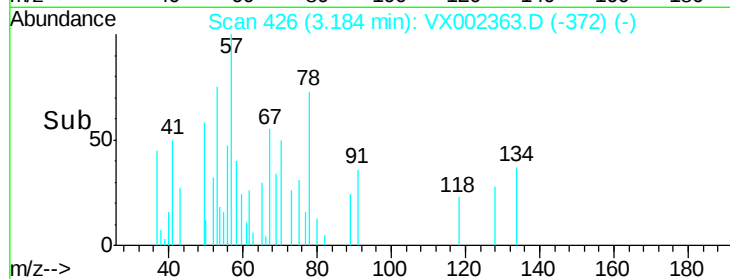
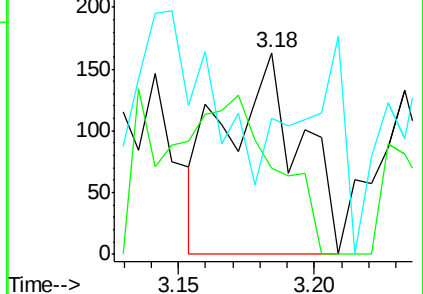
51 0.0 29.9 44.9#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: Below Cal

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002363.D

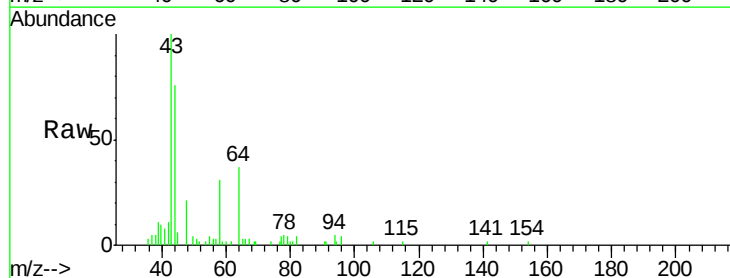
Acq: 06 Jun 2018 19:56

Tgt Ion: 43 Resp: 5189

Ion Ratio Lower Upper

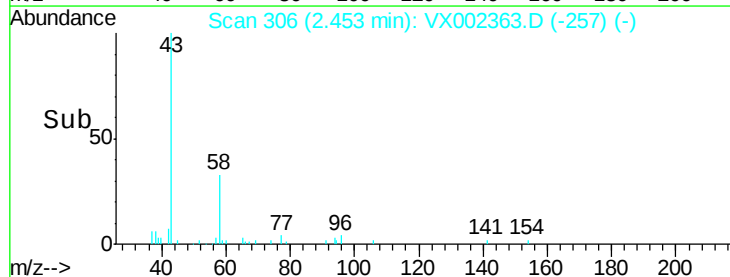
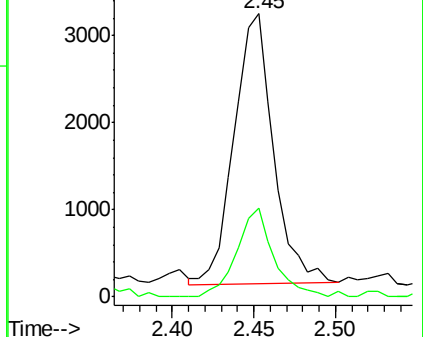
43 100

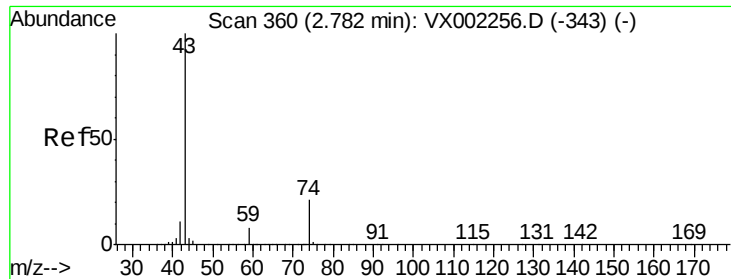
58 33.0 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

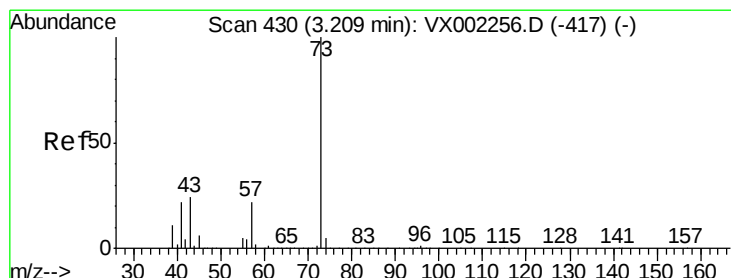
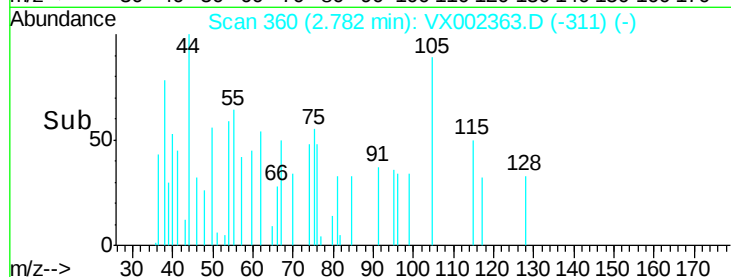
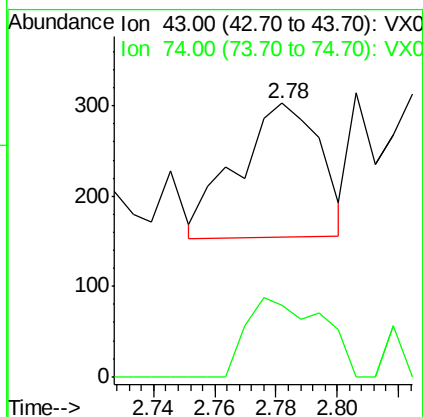
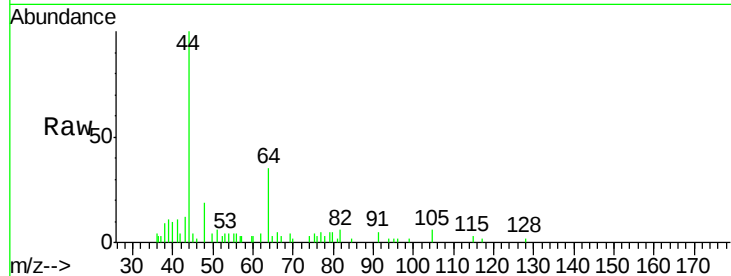




#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002363.D
Acq: 06 Jun 2018 19:56

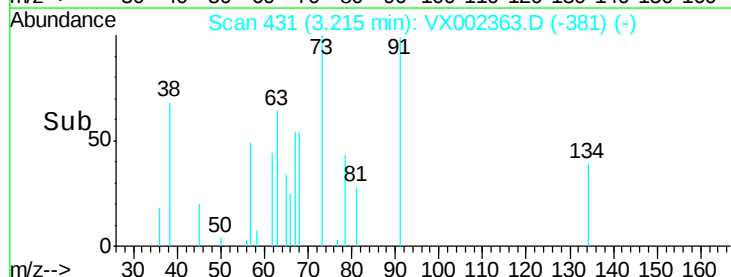
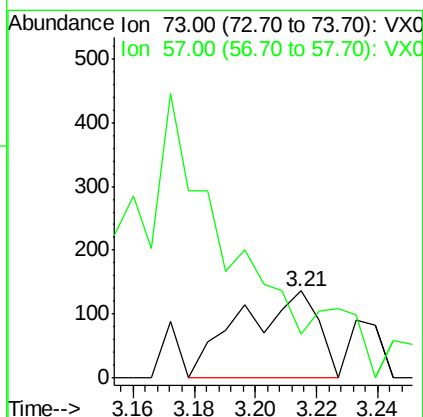
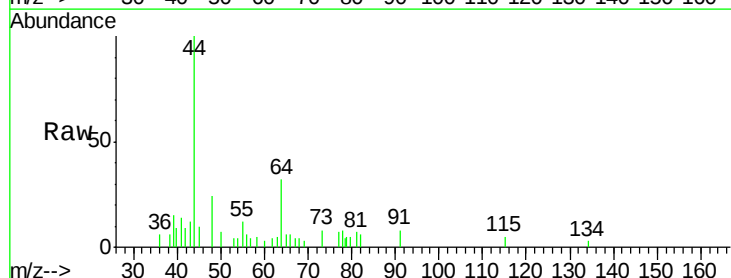
Instrument :
MSVOA_X
ClientSampleId :

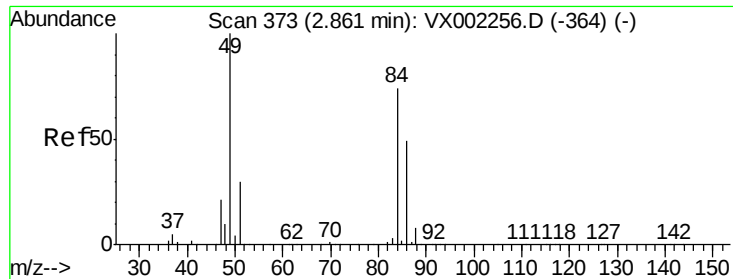
Tot Ion: 43 Resp: 277
Ion Ratio Lower Upper
43 100
74 54.2 16.7 25.1#



#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX002363.D
Acq: 06 Jun 2018 19:56

Tgt Ion: 73 Resp: 235
Ion Ratio Lower Upper
73 100
57 0.0 17.7 26.5#

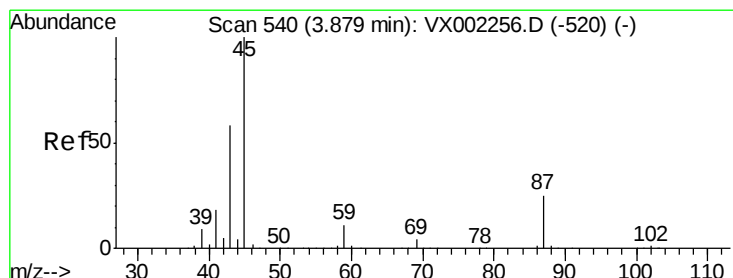
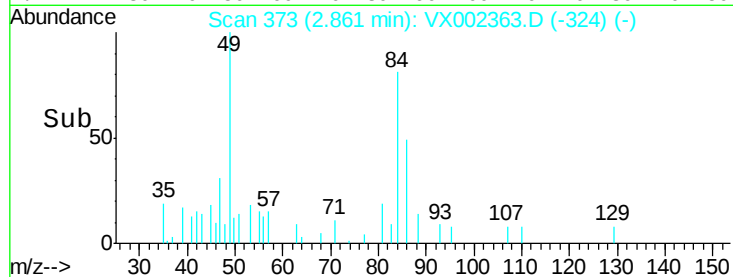
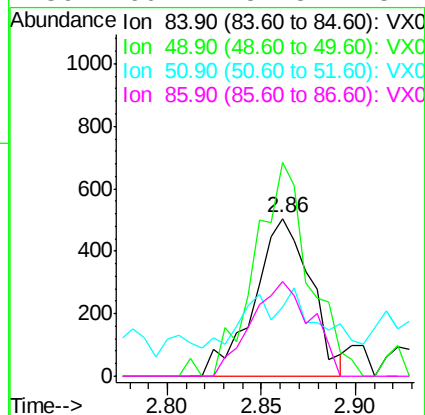
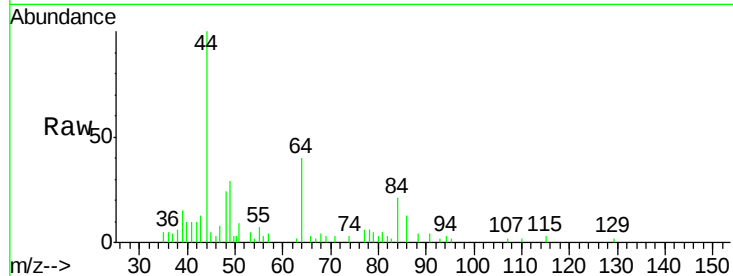




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002363.D
Acq: 06 Jun 2018 19:56

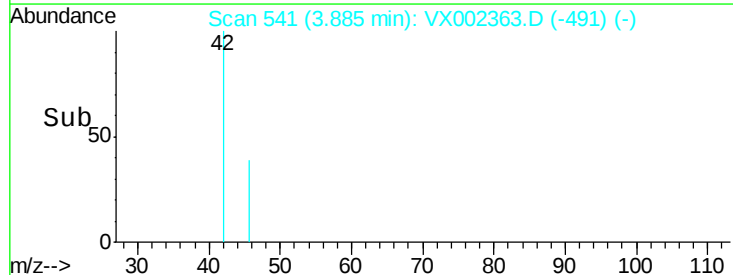
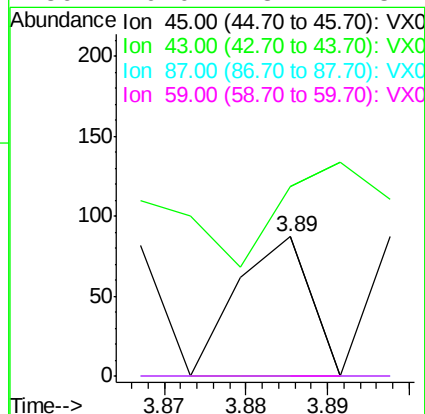
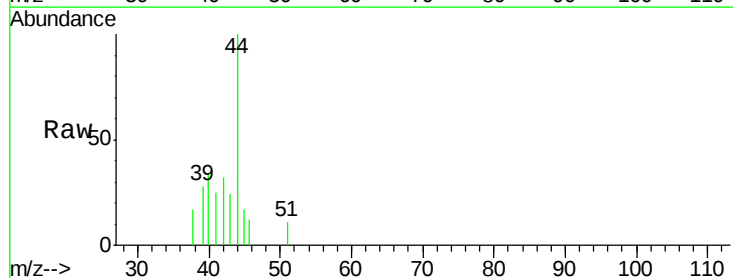
Instrument :
MSVOA_X
ClientSampleId :

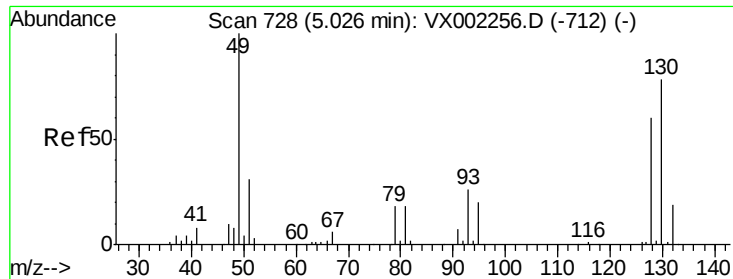
Tot Ion: 84 Resp: 1044
Ion Ratio Lower Upper
84 100
49 120.4 107.8 161.6
51 22.8 32.8 49.2#
86 60.1 52.5 78.7



#22
Diisopropyl ether
Concen: Below Cal
RT: 3.89 min Scan# 541
Delta R.T. 0.01 min
Lab File: VX002363.D
Acq: 06 Jun 2018 19:56

Tgt Ion: 45 Resp: 54
Ion Ratio Lower Upper
45 100
43 12.8 46.8 70.2#
87 0.0 20.2 30.4#
59 0.0 8.7 13.1#





#28

Bromochloromethane

Concen: Below Cal

RT: 5.05 min Scan# 732

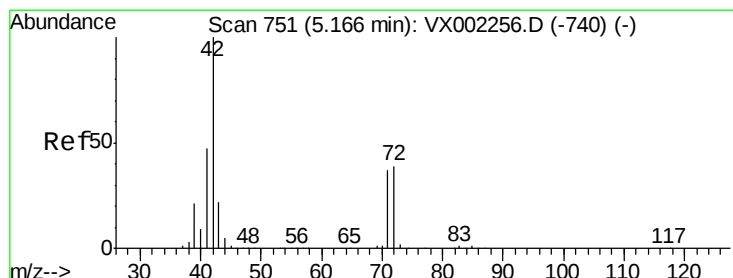
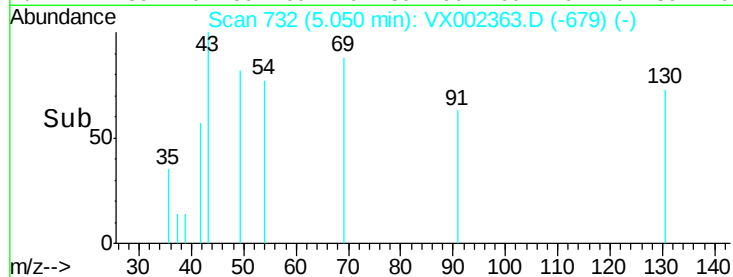
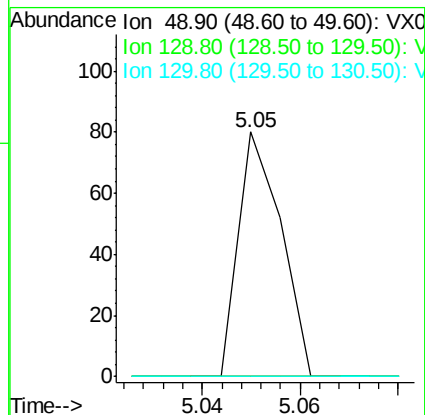
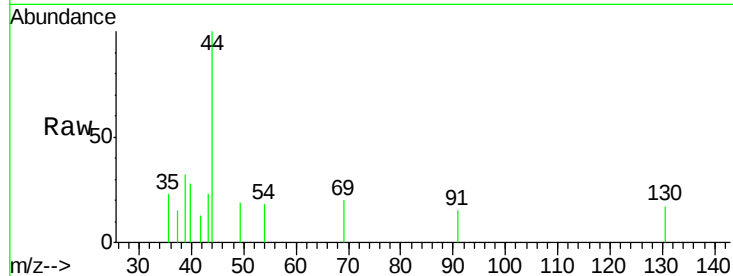
Delta R.T. 0.02 min

Lab File: VX002363.D

Acq: 06 Jun 2018 19:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 49 Resp: 48
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 0.0 61.2 91.8#



#29

Tetrahydrofuran

Concen: 0.28 ug/l

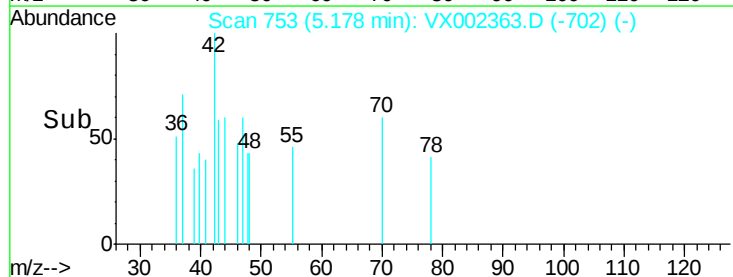
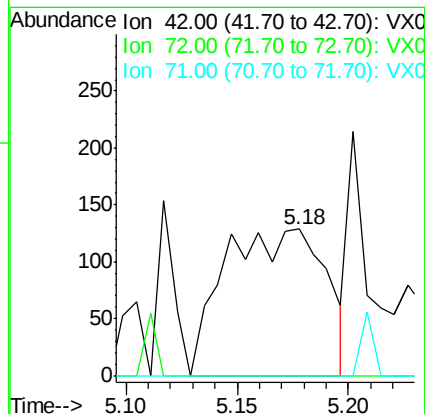
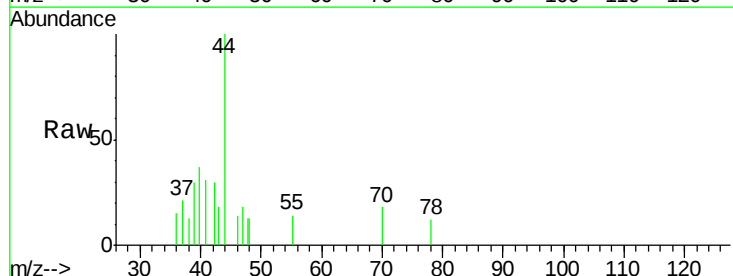
RT: 5.18 min Scan# 753

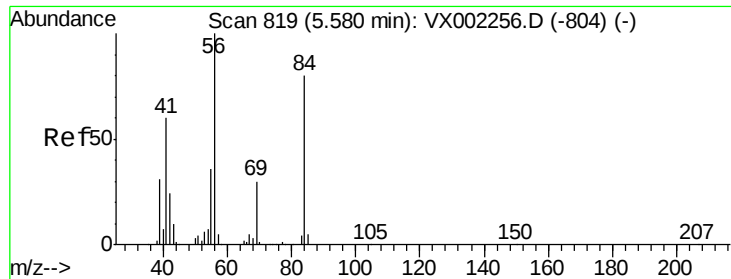
Delta R.T. 0.01 min

Lab File: VX002363.D

Acq: 06 Jun 2018 19:56

Tgt Ion: 42 Resp: 407
Ion Ratio Lower Upper
42 100
72 0.0 32.0 48.0#
71 0.0 30.1 45.1#

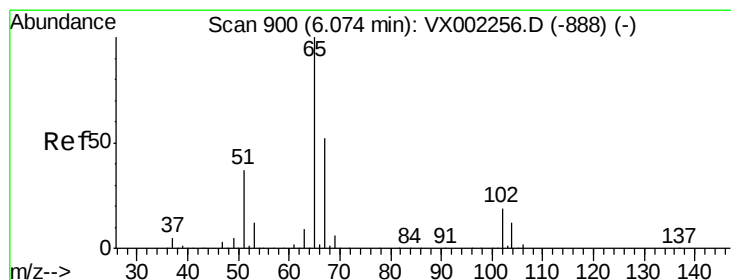
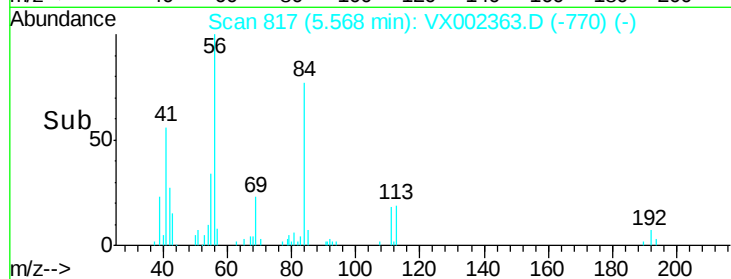
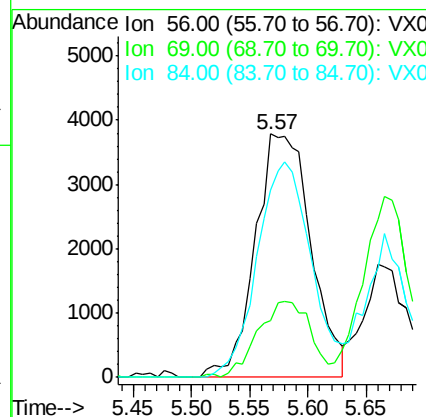
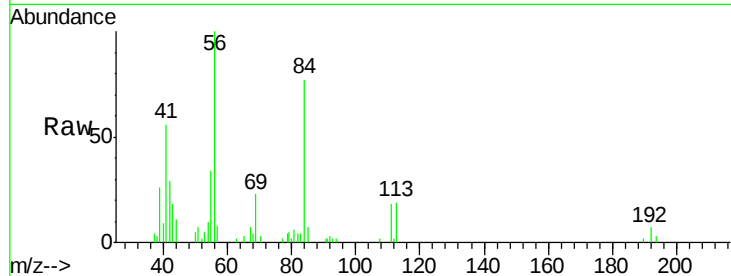




#31
Cyclohexane
Concen: 3.06 ug/l
RT: 5.57 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX002363.D
Acq: 06 Jun 2018 19:56

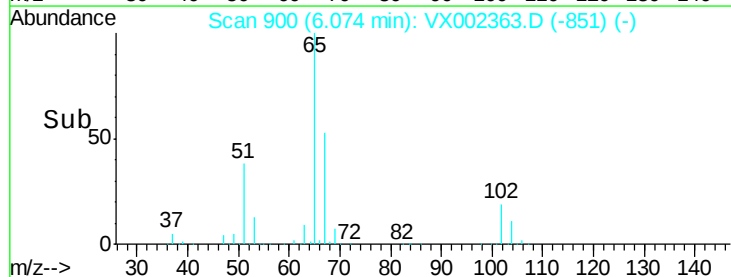
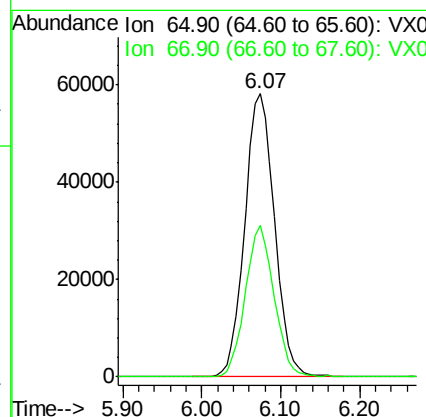
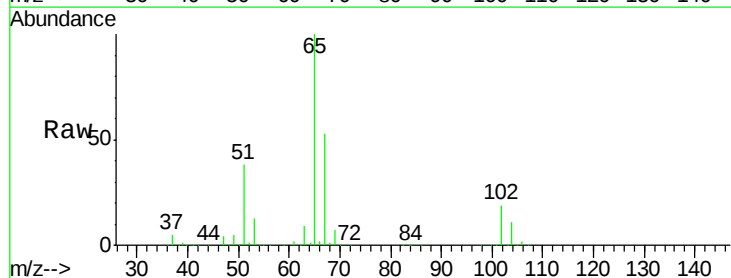
Instrument :
MSVOA_X
ClientSampled :

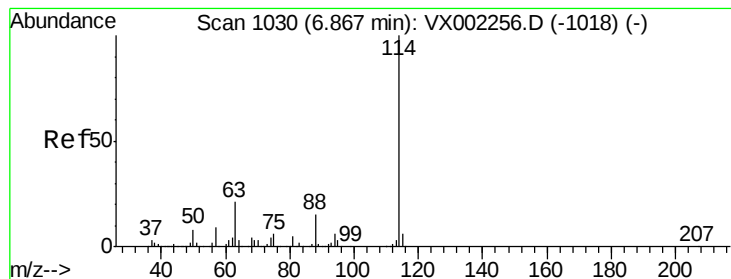
Tot Ion: 56 Resp: 12582
Ion Ratio Lower Upper
56 100
69 23.2 23.7 35.5#
84 77.1 64.1 96.1



#33
1,2-Dichloroethane-d4
Concen: 46.69 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002363.D
Acq: 06 Jun 2018 19:56

Tgt Ion: 65 Resp: 152750
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

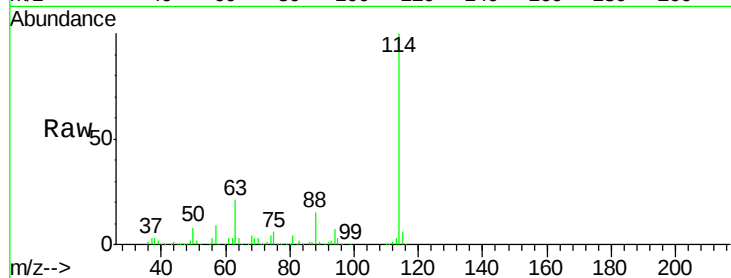
Delta R.T. -0.00 min

Lab File: VX002363.D

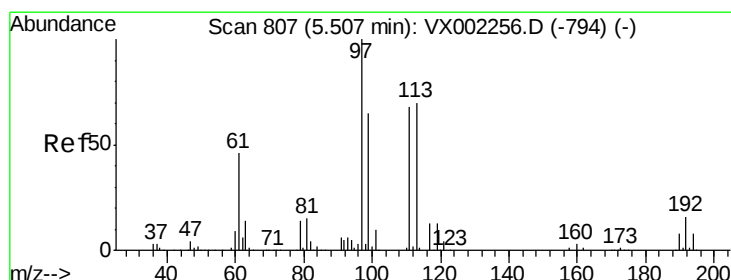
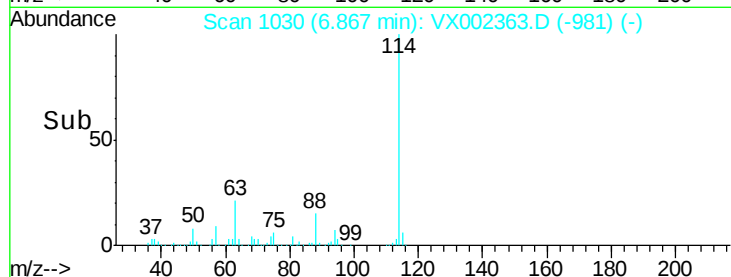
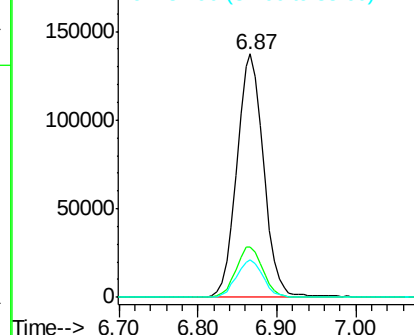
Acq: 06 Jun 2018 19:56

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	114	Resp:	324117
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	41.4
88	15.2	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: 44.62 ug/l

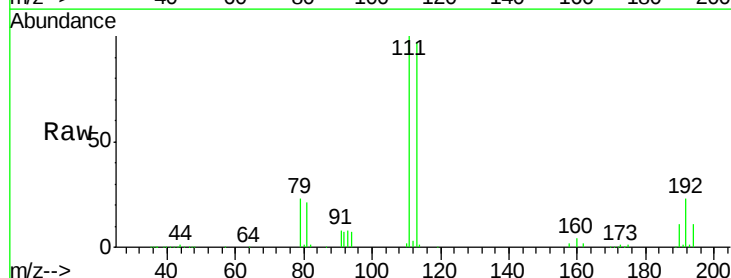
RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

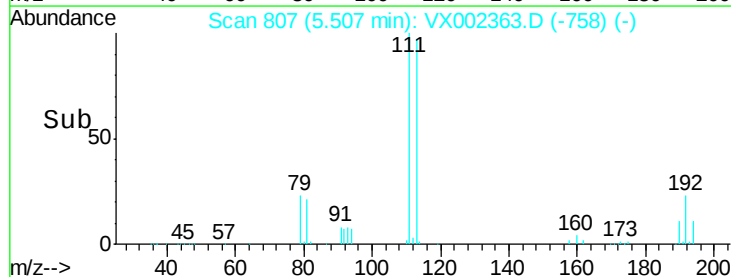
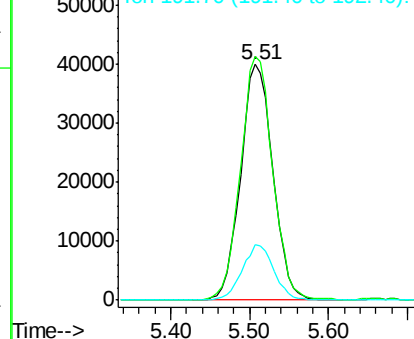
Lab File: VX002363.D

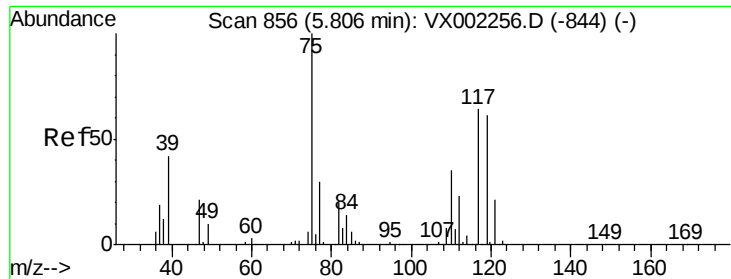
Acq: 06 Jun 2018 19:56

Tgt Ion:	113	Resp:	113739
Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.4	122.0
192	23.0	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

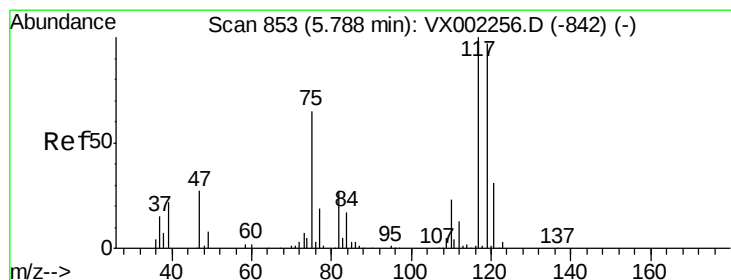
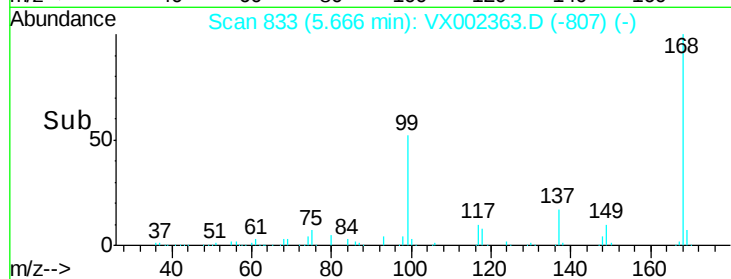
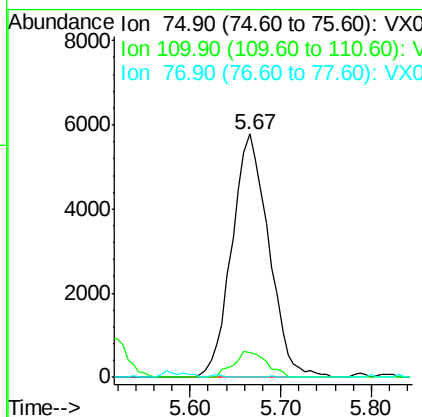
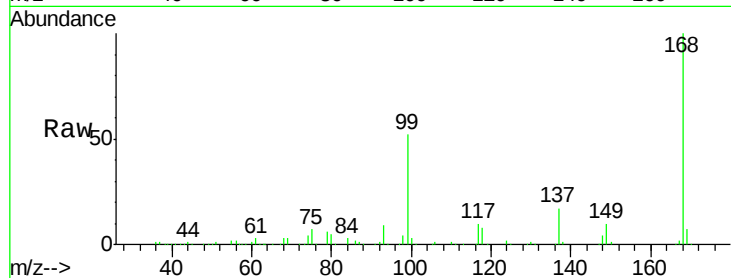




#36
 1,1-Dichloropropene
 Concen: 4.79 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX002363.D
 Acq: 06 Jun 2018 19:56

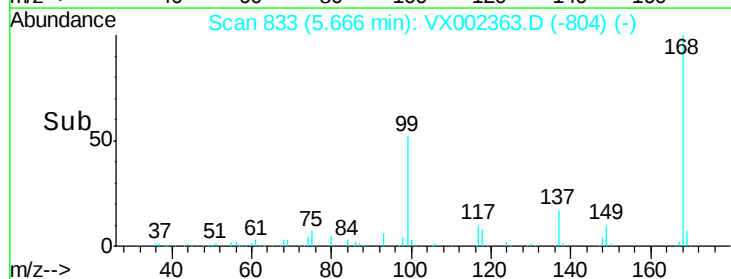
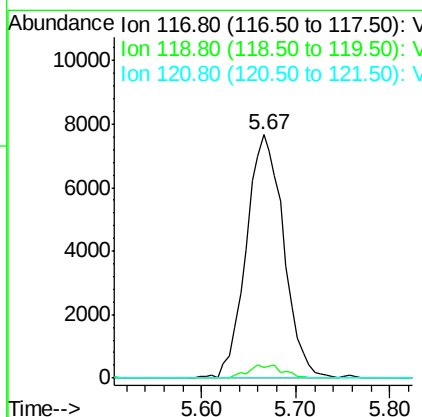
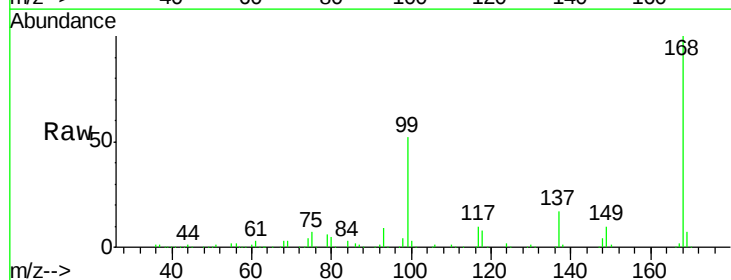
Instrument :
 MSVOA_X
 ClientSampleId :

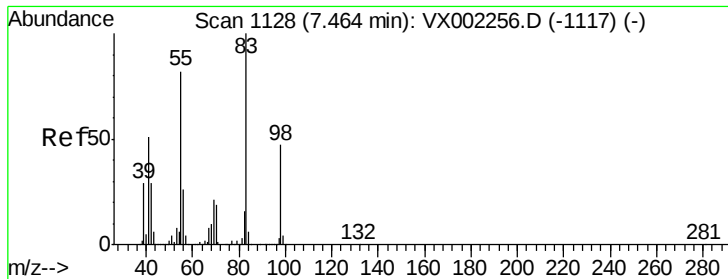
Tot Ion: 75 Resp: 16322
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.1 54.4#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.00 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX002363.D
 Acq: 06 Jun 2018 19:56

Tgt Ion: 117 Resp: 21376
 Ion Ratio Lower Upper
 117 100
 119 4.3 77.4 116.0#
 121 0.0 24.4 36.6#

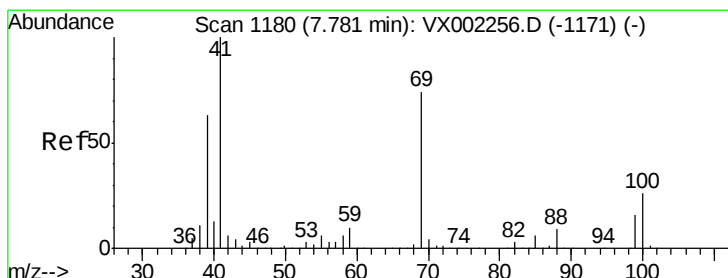
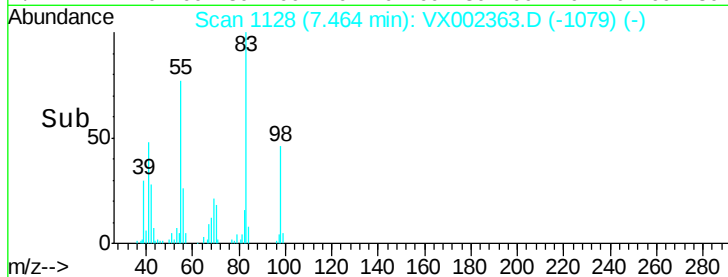
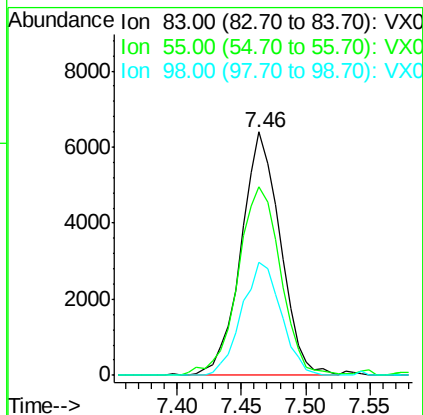
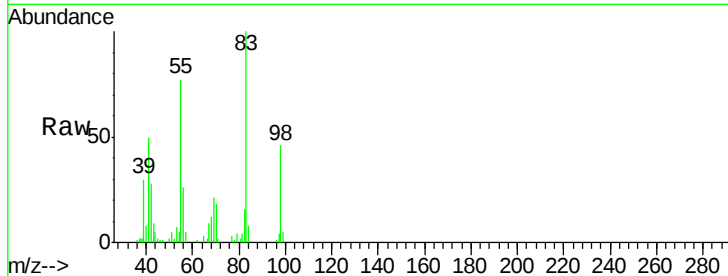




#39
Methylcyclohexane
Concen: 3.45 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002363.D
Acq: 06 Jun 2018 19:56

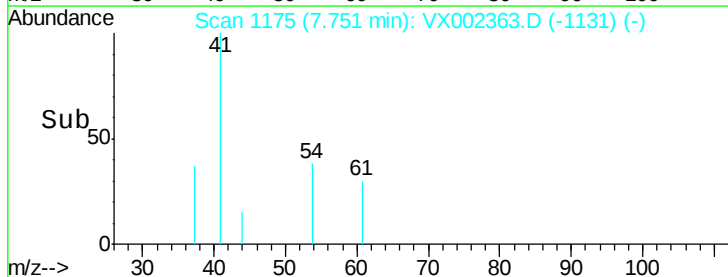
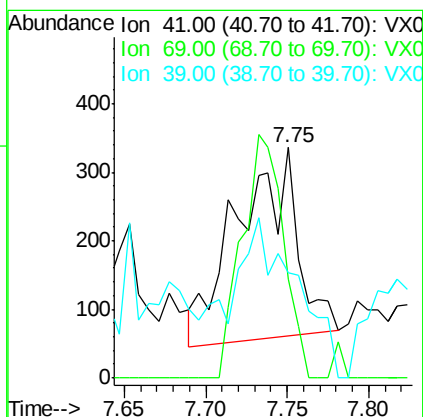
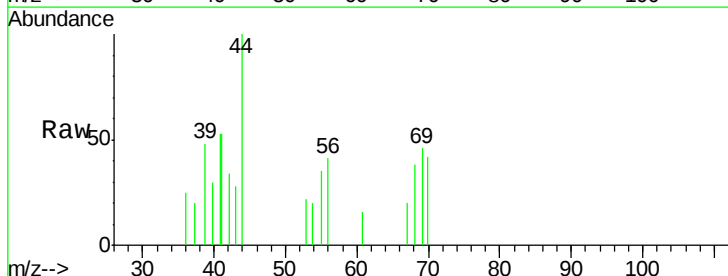
Instrument :
MSVOA_X
ClientSampled :

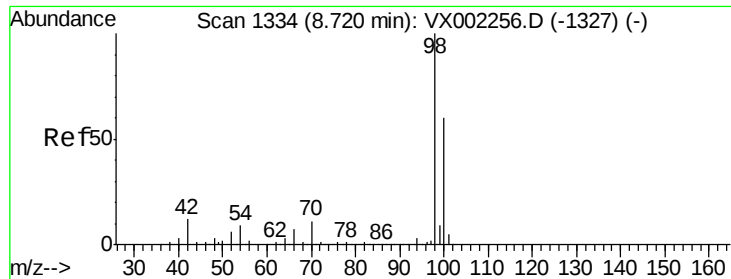
Tot Ion: 83 Resp: 13469
Ion Ratio Lower Upper
83 100
55 76.4 65.4 98.0
98 46.2 37.4 56.0



#48
Methyl methacrylate
Concen: 0.20 ug/l
RT: 7.75 min Scan# 1175
Delta R.T. -0.03 min
Lab File: VX002363.D
Acq: 06 Jun 2018 19:56

Tgt Ion: 41 Resp: 712
Ion Ratio Lower Upper
41 100
69 87.6 59.1 88.7
39 76.3 48.9 73.3#





#50

Toluene-d8

Concen: 47.57 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002363.D

Acq: 06 Jun 2018 19:56

Instrument :

MSVOA_X

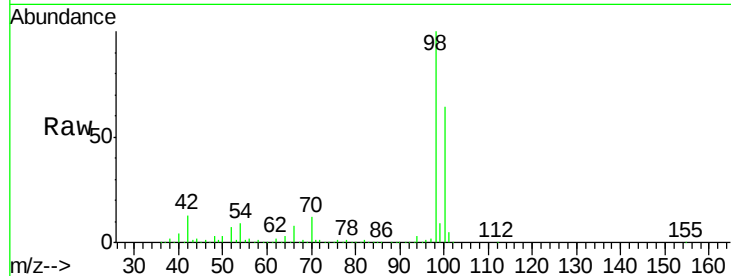
ClientSampleId :

Tot Ion: 98 Resp: 464787

Ion Ratio Lower Upper

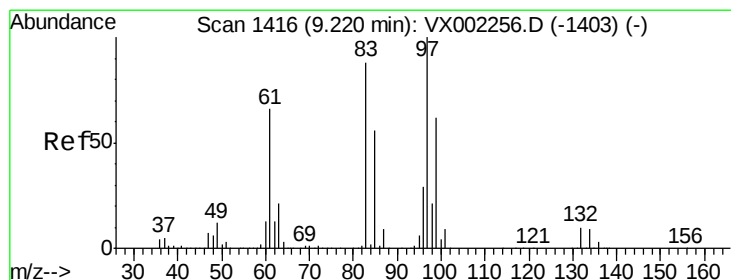
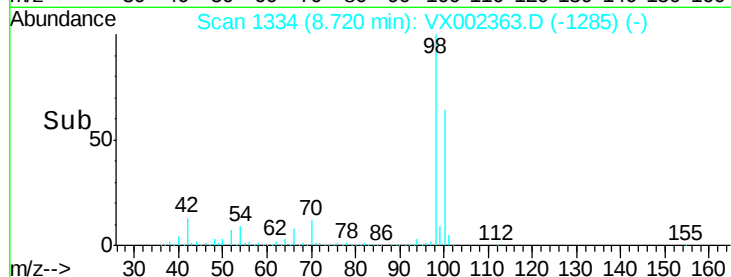
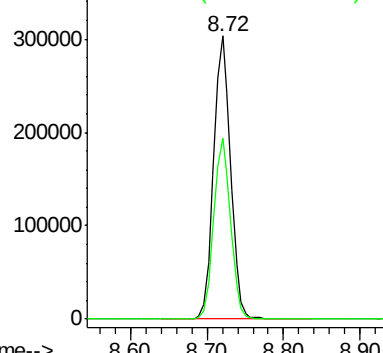
98 100

100 63.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#55

1,1,2-Trichloroethane

Concen: 0.68 ug/l

RT: 9.16 min Scan# 1407

Delta R.T. -0.05 min

Lab File: VX002363.D

Acq: 06 Jun 2018 19:56

Tgt Ion: 97 Resp: 1872

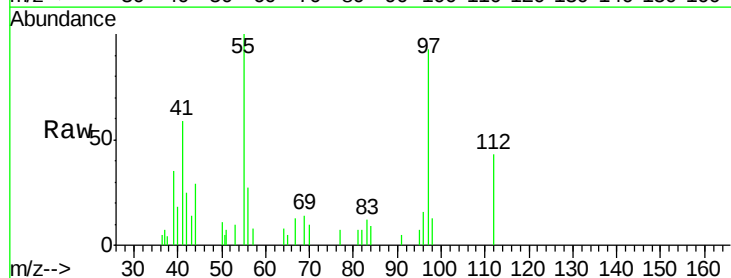
Ion Ratio Lower Upper

97 100

83 13.2 70.2 105.2#

85 0.0 44.9 67.3#

99 0.0 49.8 74.8#

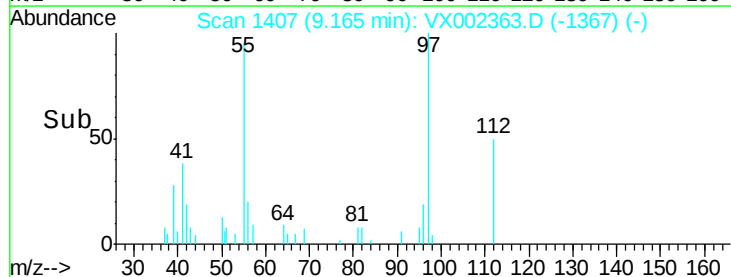
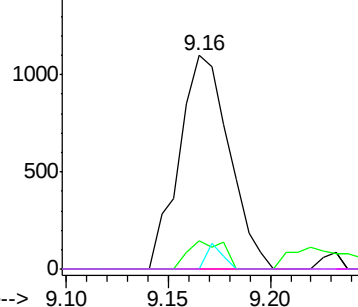


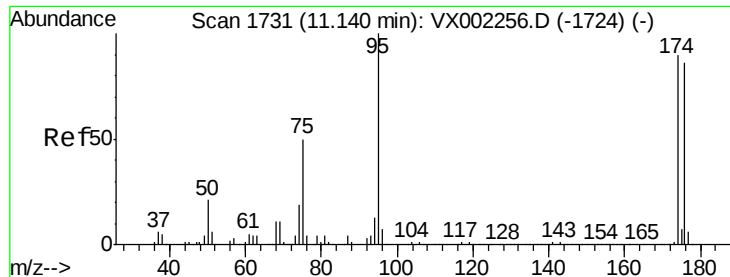
Abundance Ion 96.90 (96.60 to 97.60): VX0

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





#62

4-Bromofluorobenzene

Concen: 43.50 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002363.D

Acq: 06 Jun 2018 19:56

Instrument :

MSVOA_X

ClientSampleId :

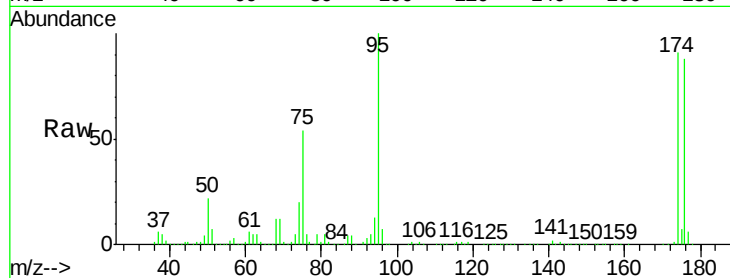
Tot Ion: 95 Resp: 163876

Ion Ratio Lower Upper

95 100

174 94.3 0.0 187.4

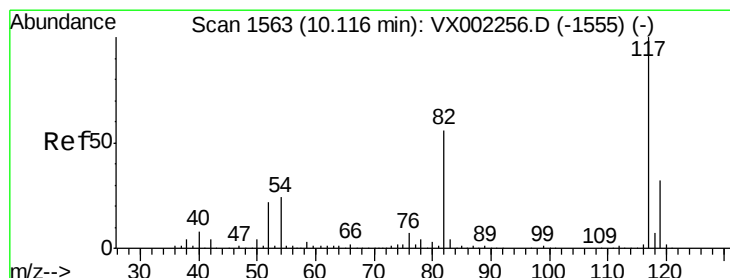
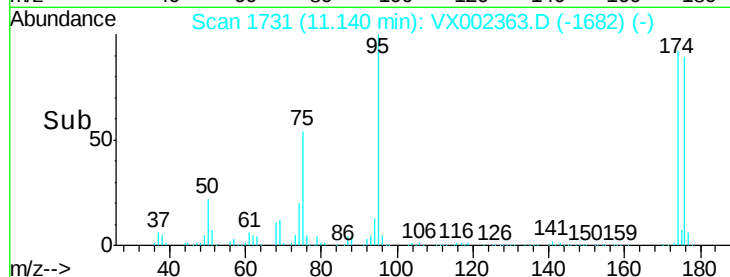
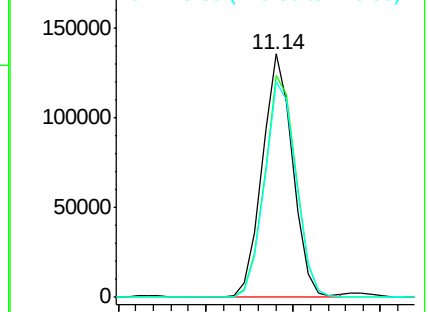
176 91.7 0.0 181.0



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

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

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



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002363.D

Acq: 06 Jun 2018 19:56

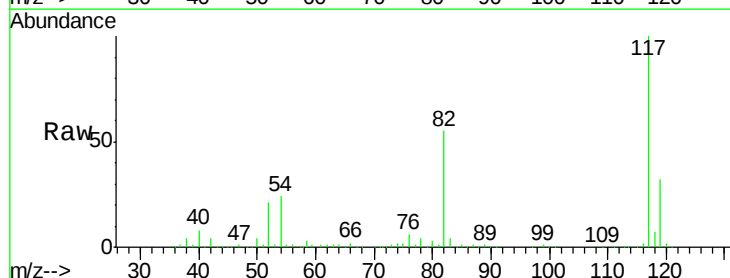
Tgt Ion: 117 Resp: 295979

Ion Ratio Lower Upper

117 100

82 54.6 45.0 67.4

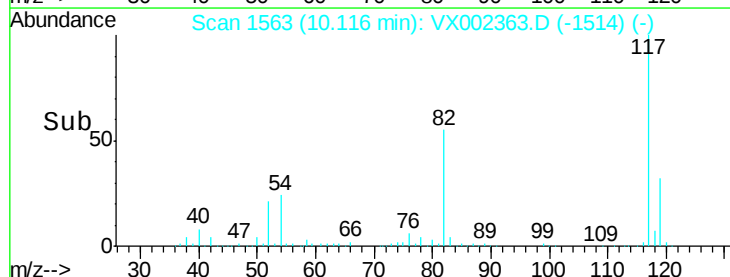
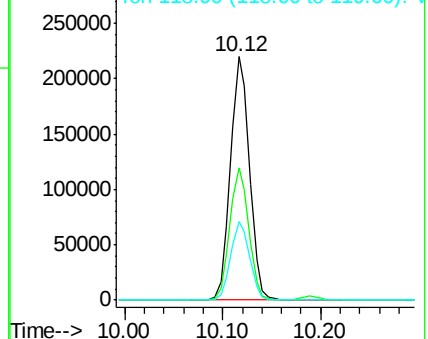
119 32.2 25.8 38.6

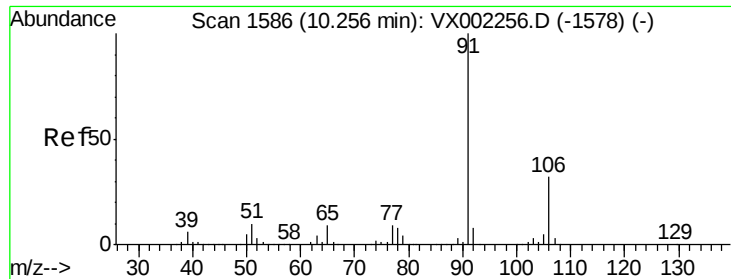


Abundance Ion 116.90 (116.60 to 117.60): VX002256.D (-1555) (-)

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

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

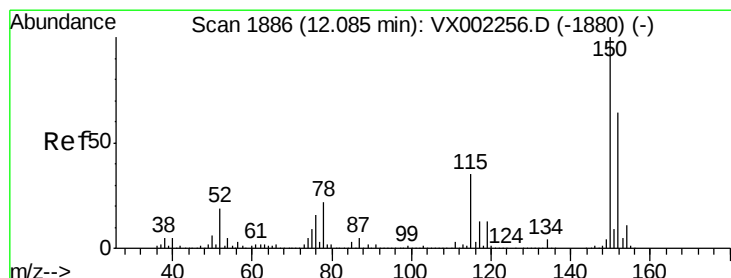
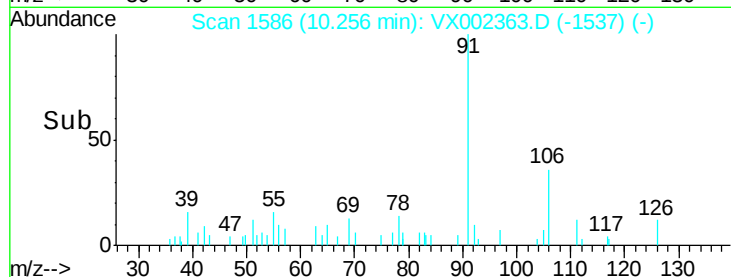
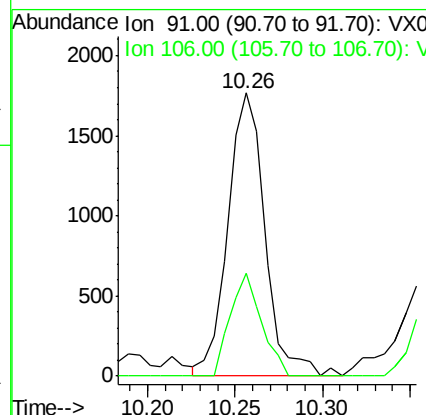
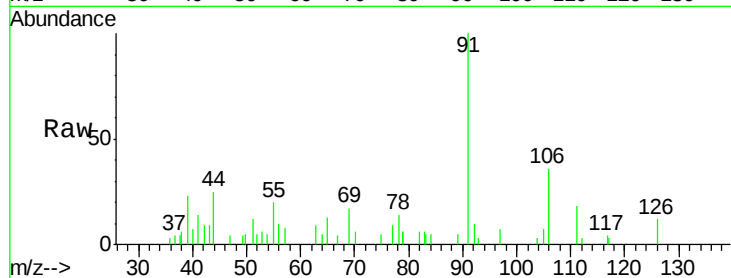




#67
Ethyl Benzene
Concen: 0.21 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002363.D
Acq: 06 Jun 2018 19:56

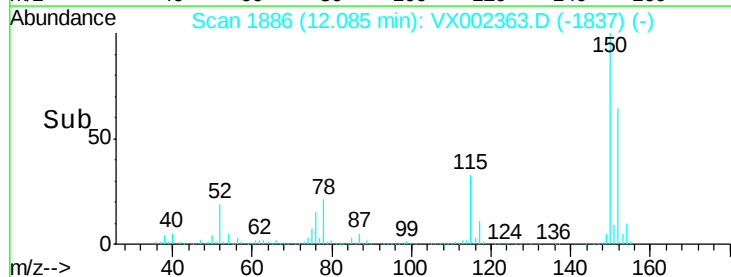
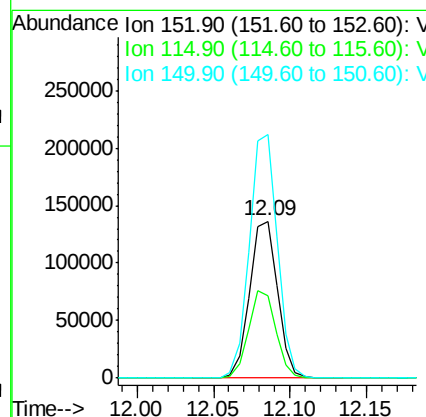
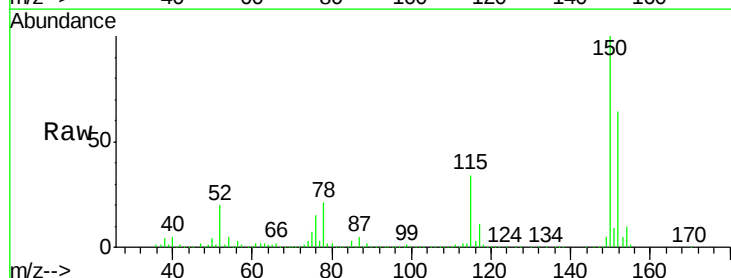
Instrument :
MSVOA_X
ClientSampled :

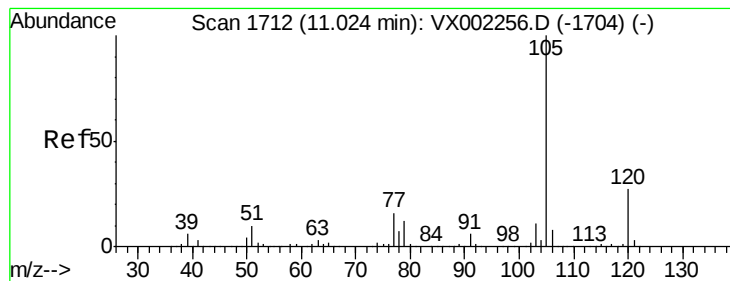
Tot Ion: 91 Resp: 2605
Ion Ratio Lower Upper
91 100
106 36.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002363.D
Acq: 06 Jun 2018 19:56

Tgt Ion: 152 Resp: 172355
Ion Ratio Lower Upper
152 100
115 54.9 40.1 120.2
150 156.1 0.0 347.2





#73

Isopropylbenzene

Concen: 39.70 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002363.D

Acq: 06 Jun 2018 19:56

Instrument :

MSVOA_X

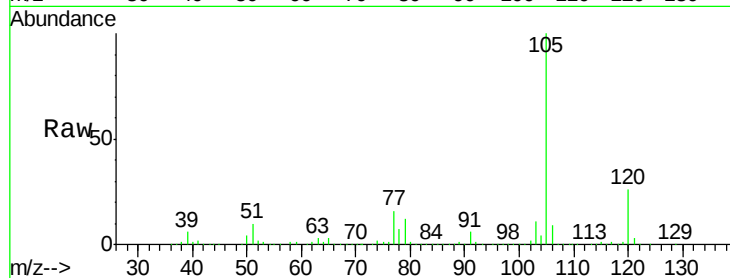
ClientSampleId :

Tot Ion:105 Resp: 475937

Ion Ratio Lower Upper

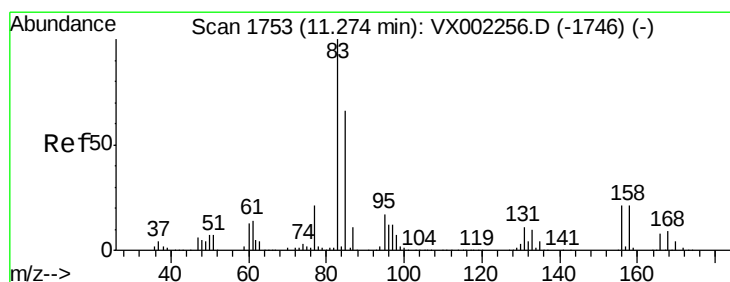
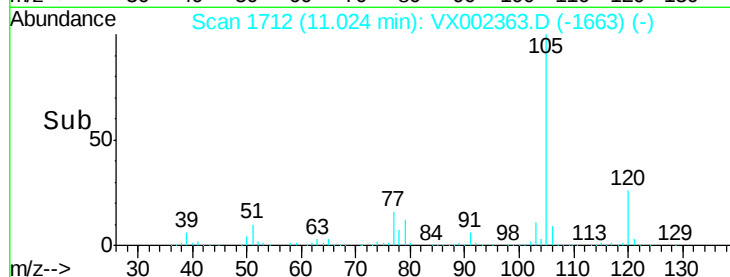
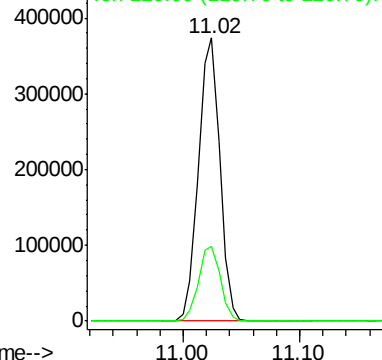
105 100

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



#75

1,1,2,2-Tetrachloroethane

Concen: 0.36 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX002363.D

Acq: 06 Jun 2018 19:56

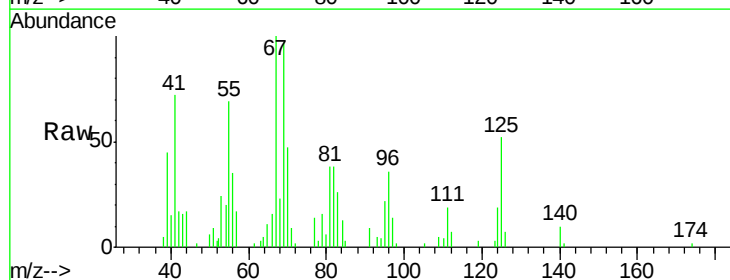
Tgt Ion: 83 Resp: 1364

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

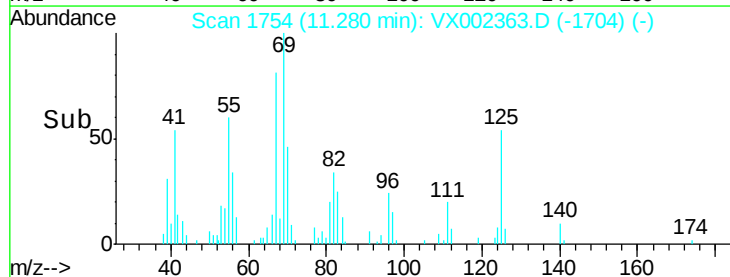
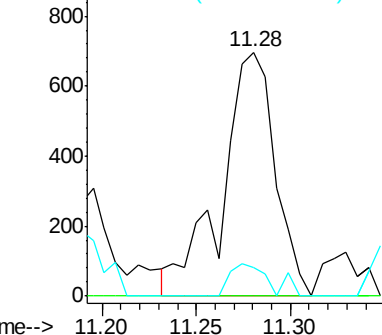
85 10.1 32.4 97.2#

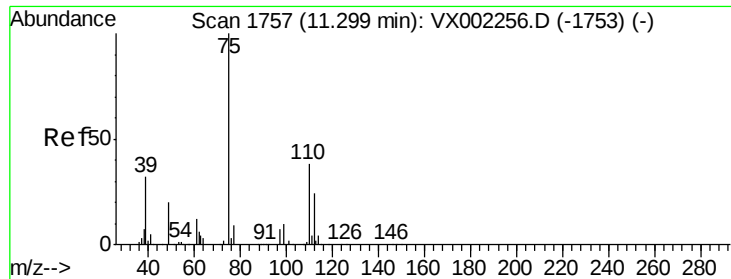


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 1.01 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.06 min

Lab File: VX002363.D

Acq: 06 Jun 2018 19:56

Instrument :

MSVOA_X

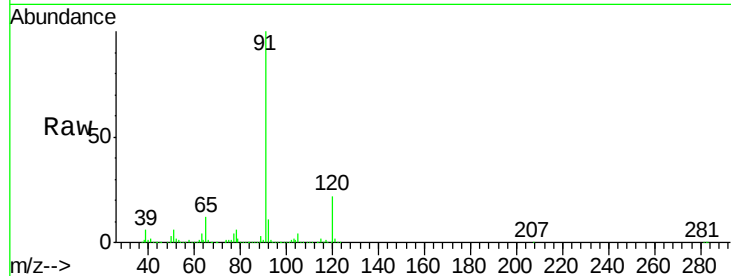
ClientSampled :

Tot Ion: 75 Resp: 3818

Ion Ratio Lower Upper

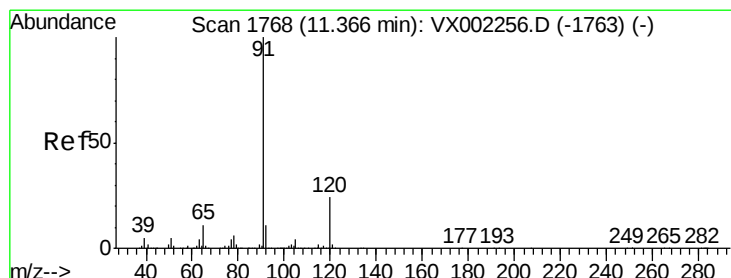
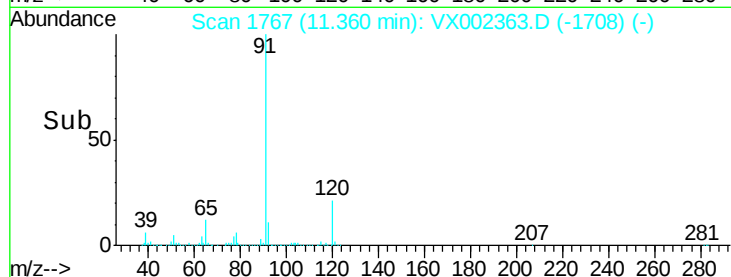
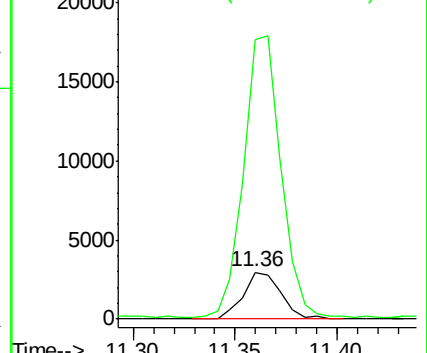
75 100

77 596.9 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: 41.66 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002363.D

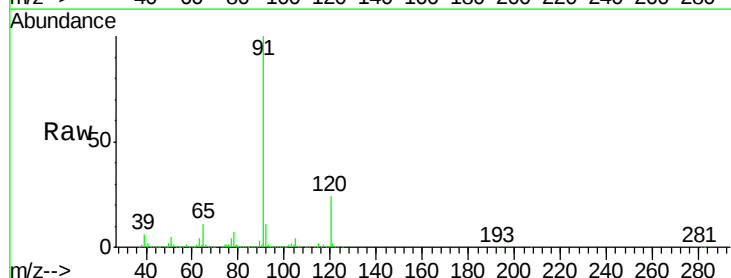
Acq: 06 Jun 2018 19:56

Tgt Ion: 91 Resp: 555203

Ion Ratio Lower Upper

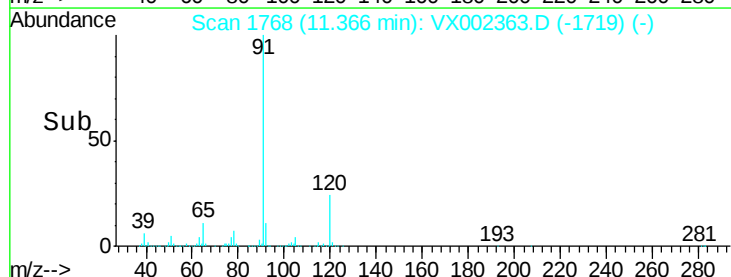
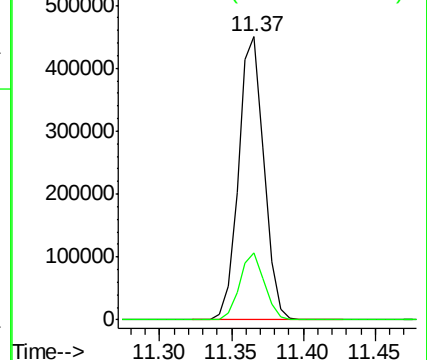
91 100

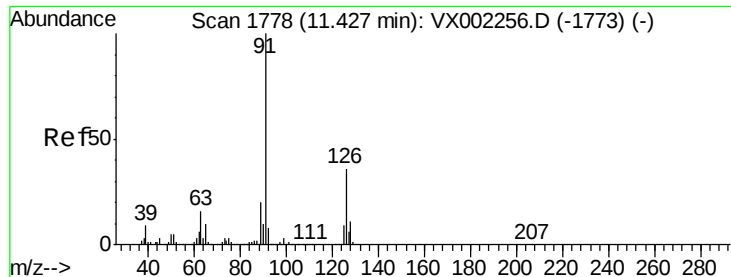
120 23.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

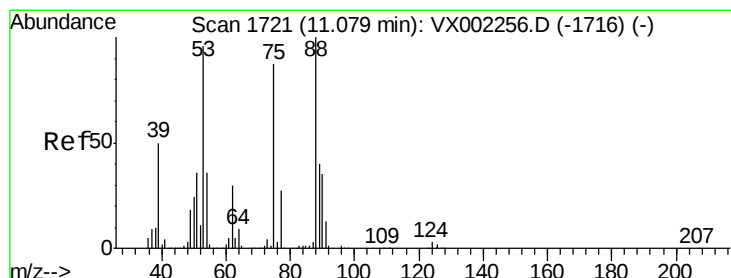
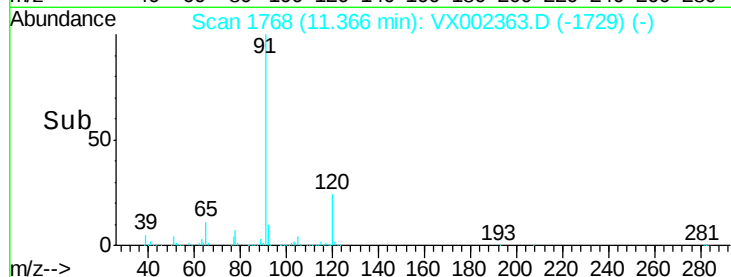
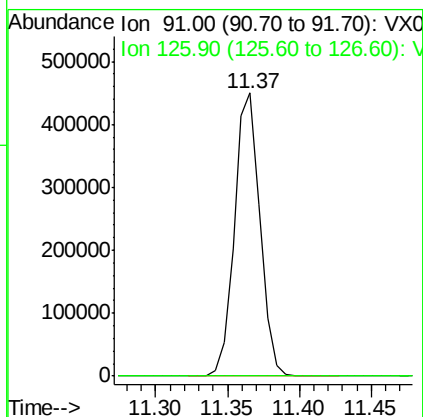
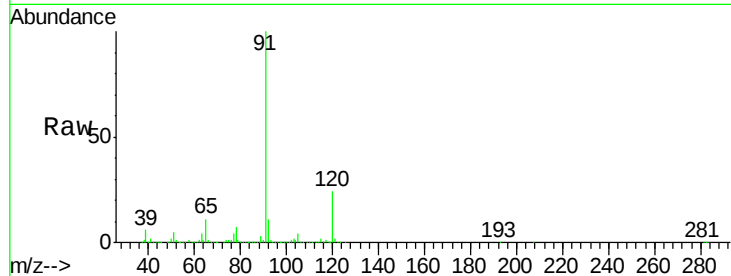




#79
 2-Chlorotoluene
 Concen: 65.98 ug/l
 RT: 11.37 min Scan# 1768
 Delta R.T. -0.06 min
 Lab File: VX002363.D
 Acq: 06 Jun 2018 19:56

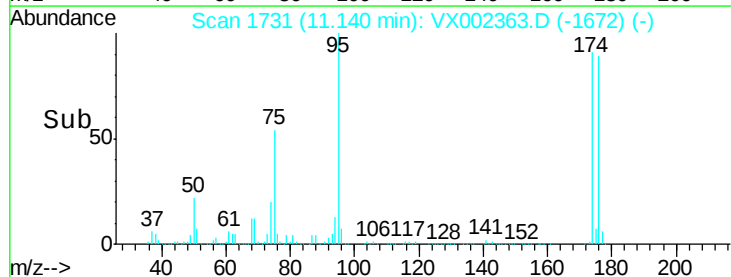
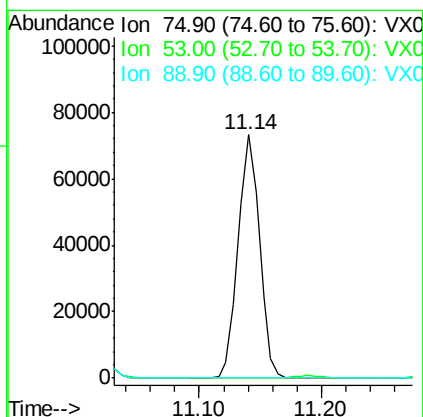
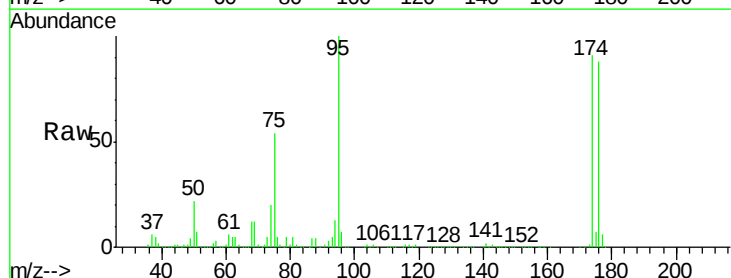
Instrument :
 MSVOA_X
 ClientSampled :

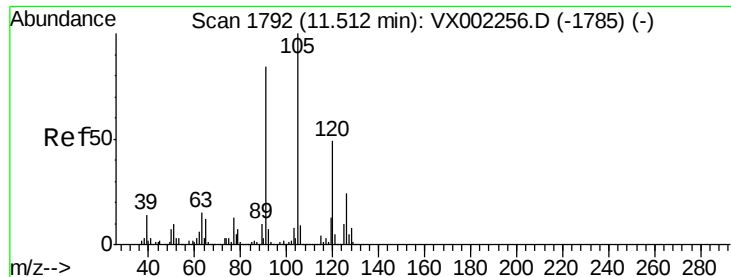
Tot Ion: 91 Resp: 555203
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.7 53.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.03 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX002363.D
 Acq: 06 Jun 2018 19:56

Tgt Ion: 75 Resp: 88498
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.8 130.2#
 89 0.0 38.2 57.2#

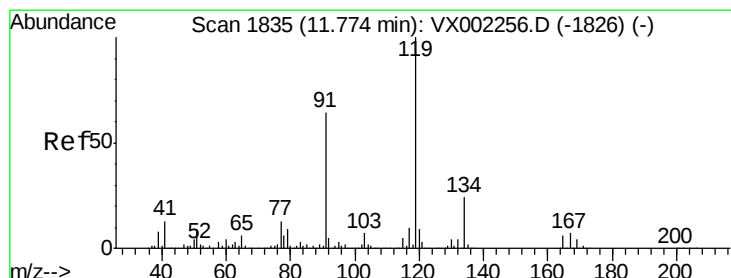
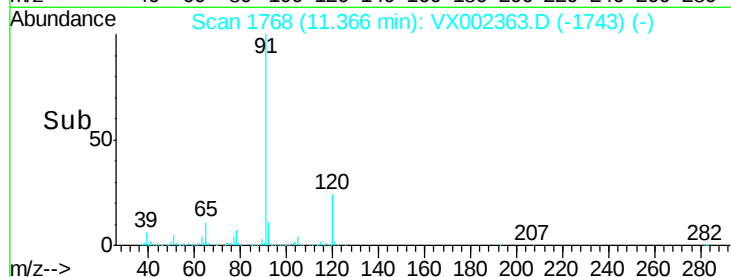
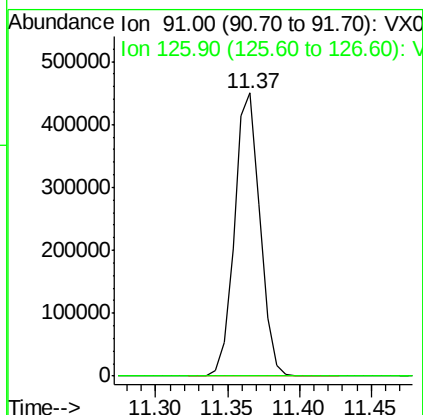
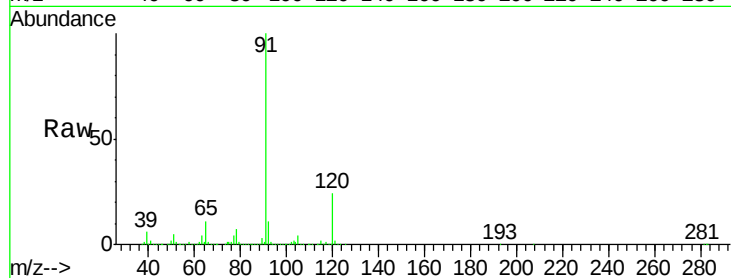




#82
4-Chlorotoluene
Concen: 57.16 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.15 min
Lab File: VX002363.D
Acq: 06 Jun 2018 19:56

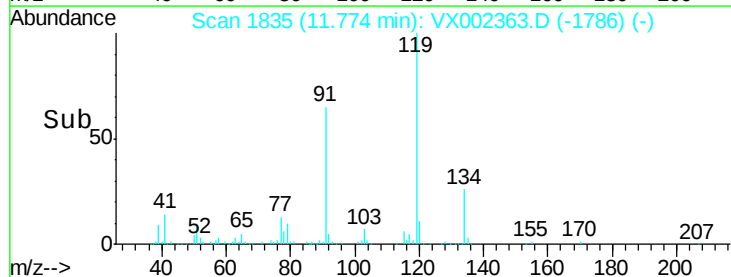
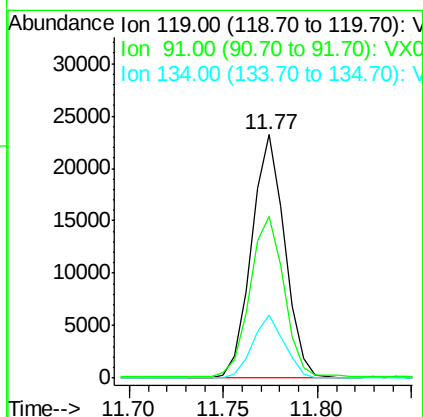
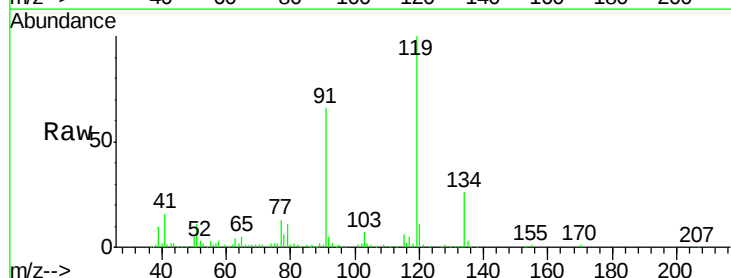
Instrument :
MSVOA_X
ClientSampled :

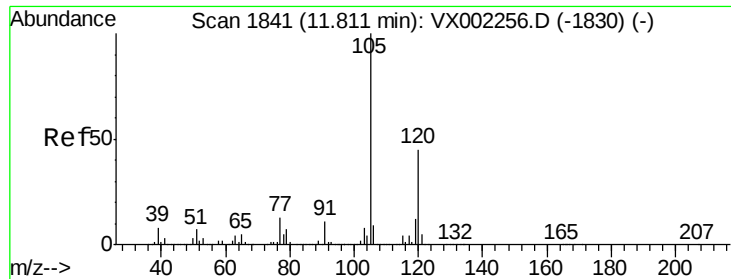
Tot Ion: 91 Resp: 555203
Ion Ratio Lower Upper
91 100
126 0.0 15.4 46.4#



#83
tert-Butylbenzene
Concen: 2.84 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002363.D
Acq: 06 Jun 2018 19:56

Tgt Ion: 119 Resp: 28425
Ion Ratio Lower Upper
119 100
91 67.8 30.3 90.9
134 24.9 11.7 35.1

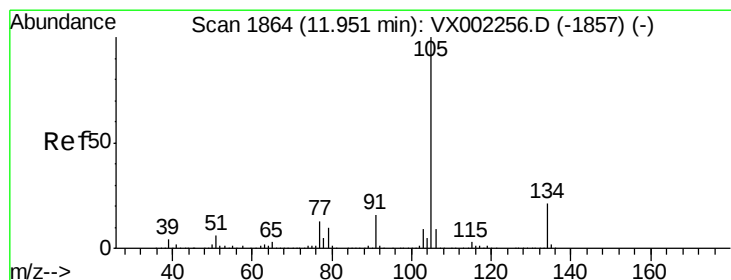
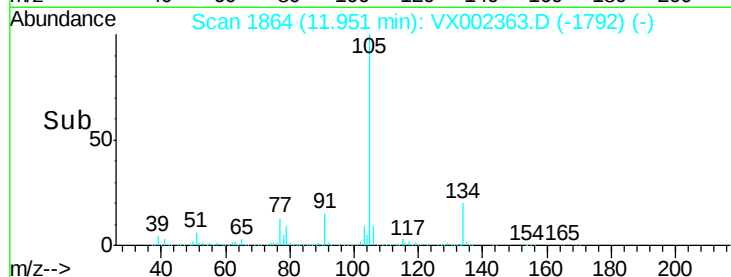
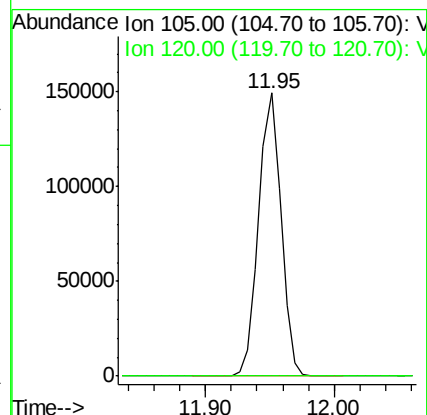
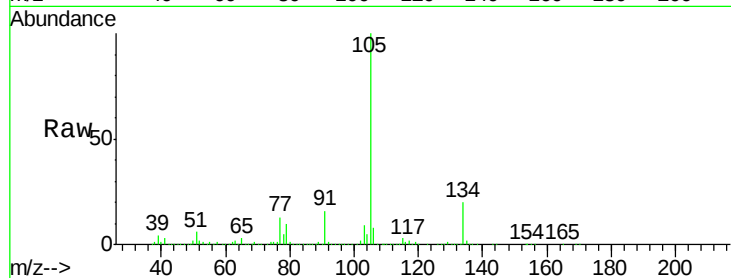




#84
1,2,4-Trimethylbenzene
Concen: 16.89 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. 0.14 min
Lab File: VX002363.D
Acq: 06 Jun 2018 19:56

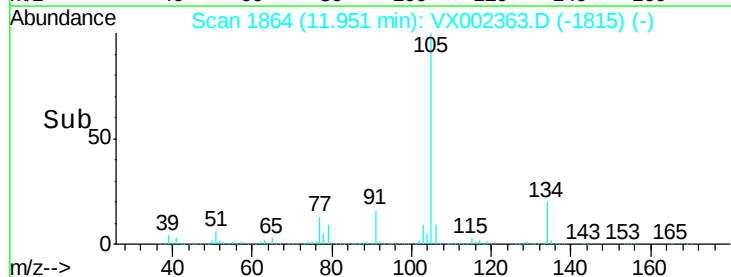
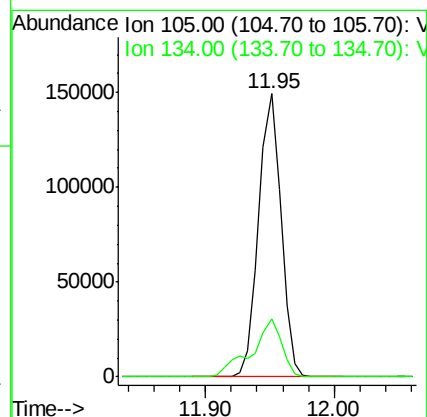
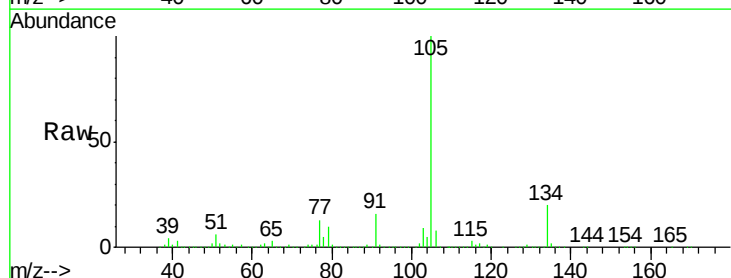
Instrument :
MSVOA_X
ClientSampleId :

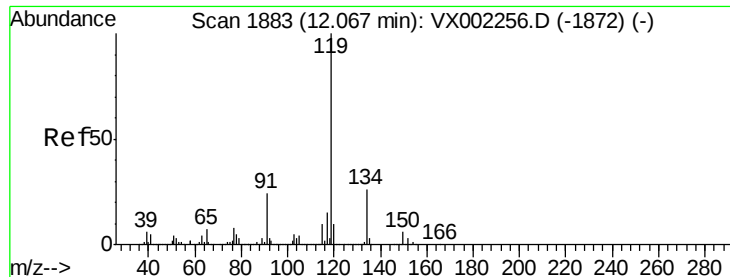
Tot Ion:105 Resp: 178773
Ion Ratio Lower Upper
105 100
120 0.2 22.3 66.8#



#85
sec-Butylbenzene
Concen: 15.23 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VX002363.D
Acq: 06 Jun 2018 19:56

Tgt Ion:105 Resp: 178773
Ion Ratio Lower Upper
105 100
134 27.5 10.4 31.1

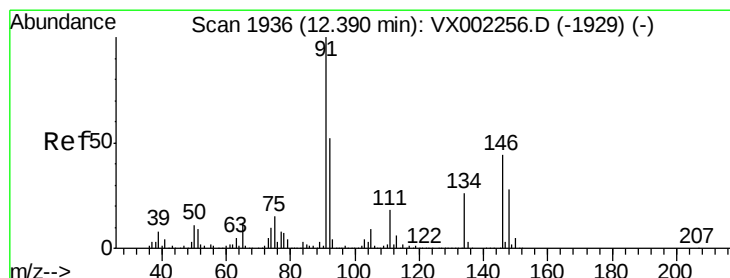
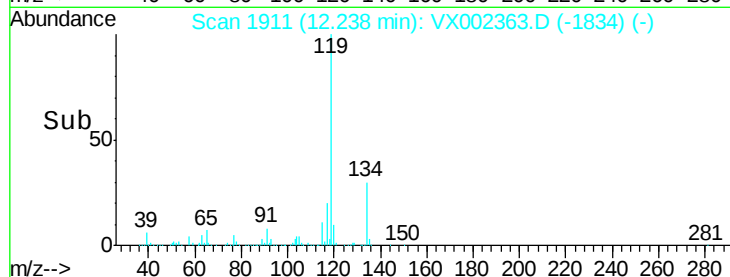
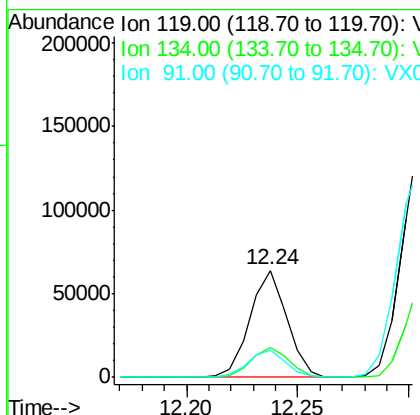
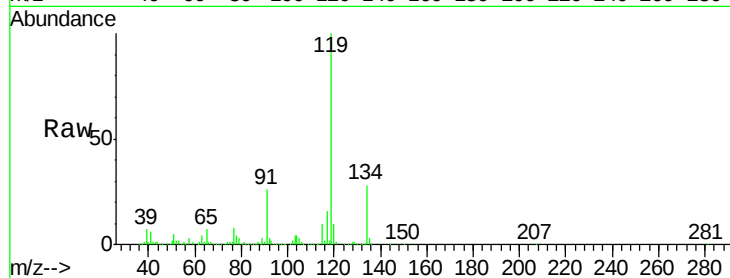




#86
 p-Isopropyltoluene
 Concen: 6.94 ug/l
 RT: 12.24 min Scan# 1911
 Delta R.T. 0.17 min
 Lab File: VX002363.D
 Acq: 06 Jun 2018 19:56

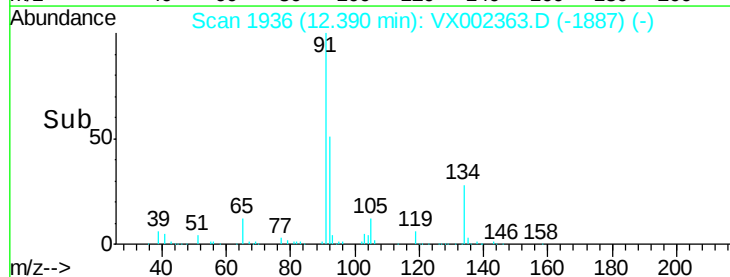
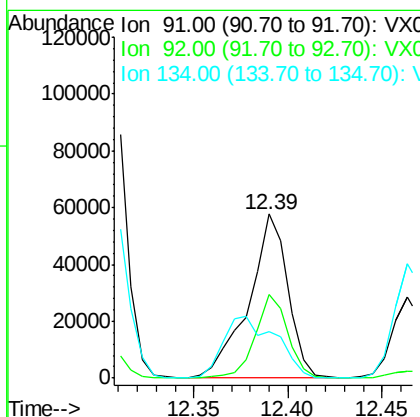
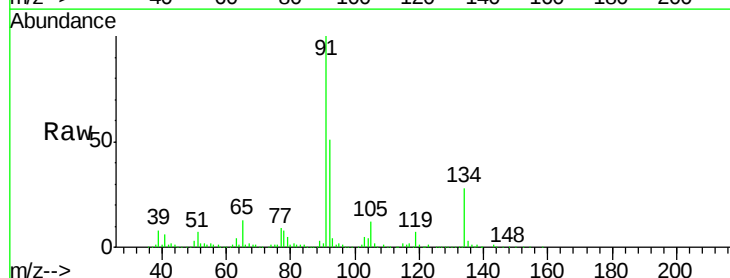
Instrument :
 MSVOA_X
 ClientSampleId :

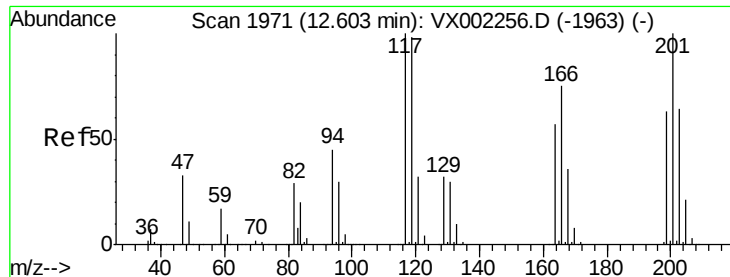
Tot Ion:119 Resp: 74232
 Ion Ratio Lower Upper
 119 100
 134 29.0 13.4 40.1
 91 25.9 11.9 35.7



#89
 n-Butylbenzene
 Concen: 9.19 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX002363.D
 Acq: 06 Jun 2018 19:56

Tgt Ion: 91 Resp: 82391
 Ion Ratio Lower Upper
 91 100
 92 42.9 26.0 78.0
 134 51.5 13.5 40.5#





#90

Hexachloroethane

Concen: 36.66 ug/l

RT: 12.67 min Scan# 1982

Delta R.T. 0.07 min

Lab File: VX002363.D

Acq: 06 Jun 2018 19:56

Instrument :

MSVOA_X

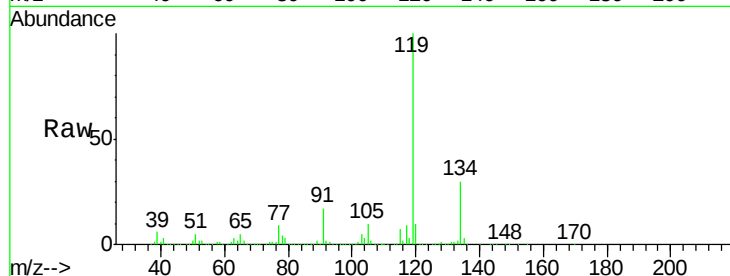
ClientSampled :

Tot Ion:117 Resp: 62587

Ion Ratio Lower Upper

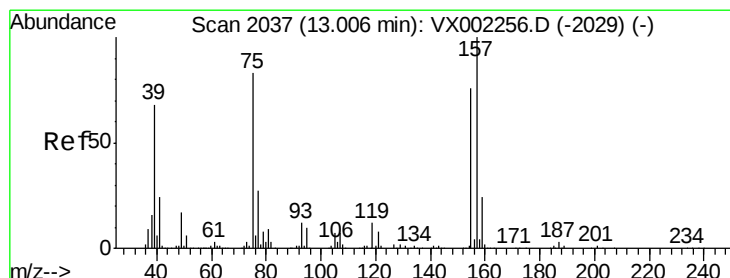
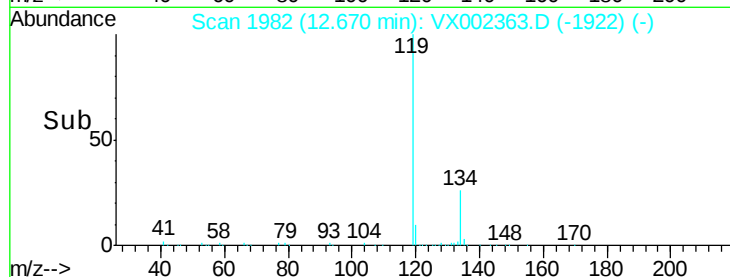
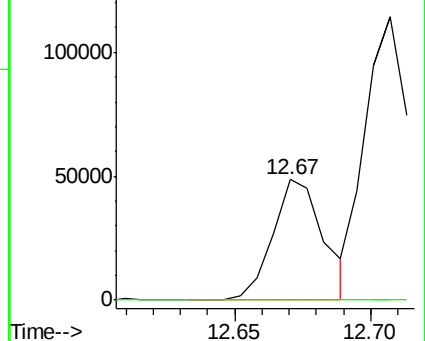
117 100

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: 4.45 ug/l

RT: 12.98 min Scan# 2033

Delta R.T. -0.02 min

Lab File: VX002363.D

Acq: 06 Jun 2018 19:56

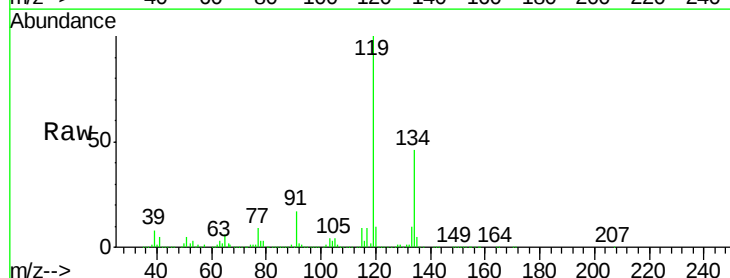
Tgt Ion: 75 Resp: 3668

Ion Ratio Lower Upper

75 100

155 48.4 45.8 137.4

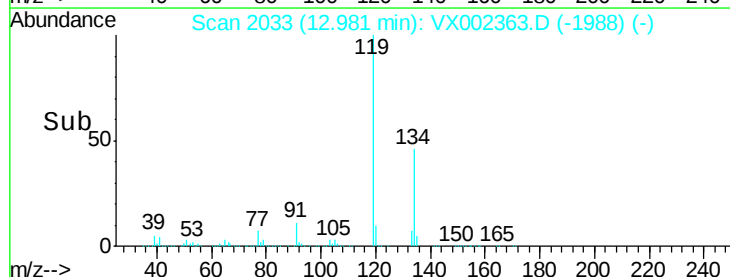
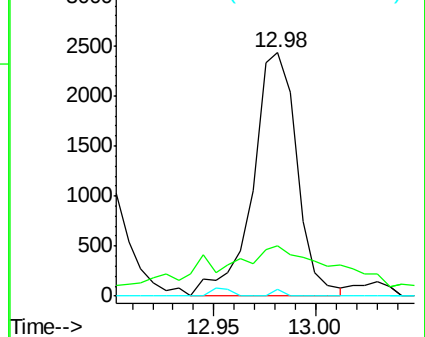
157 0.7 60.1 180.3#

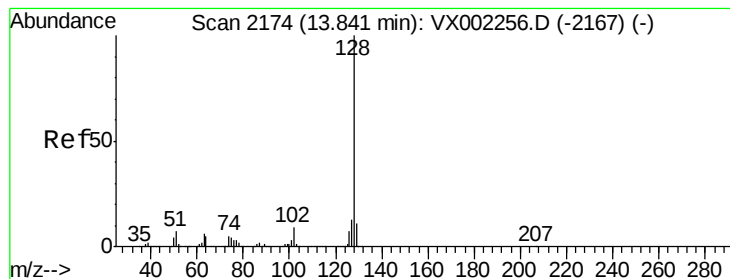


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 0.61 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002363.D

Acq: 06 Jun 2018 19:56

Instrument :

MSVOA_X

ClientSampleId :

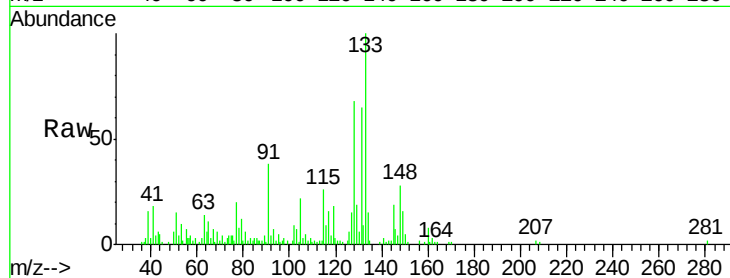
Tot Ion:128 Resp: 7700

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 46.3 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

