

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122718\
 Data File : VX006839.D
 Acq On : 27 Dec 2018 13:49
 Operator : JC/MD
 Sample : J6571-09DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 28 03:19:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	719497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1052115	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	968511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	502178	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	350034	45.14	ug/l	0.00
Spiked Amount			Recovery	=	90.28%	
35) Dibromofluoromethane	5.51	113	308887	46.43	ug/l	0.00
Spiked Amount			Recovery	=	92.86%	
50) Toluene-d8	8.71	98	1243122	49.56	ug/l	0.00
Spiked Amount			Recovery	=	99.12%	
62) 4-Bromofluorobenzene	11.13	95	458548	49.91	ug/l	0.00
Spiked Amount			Recovery	=	99.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1843	Below Cal		94
11) Tert butyl alcohol	3.07	59	3924	2.267	ug/l #	72
13) Acrolein	2.32	56	365	0.313	ug/l #	13
15) Acrylonitrile	3.16	53	1454	0.378	ug/l #	24
16) Acetone	2.45	43	31184	8.753	ug/l	100
18) Methyl Acetate	2.79	43	5280	0.504	ug/l	99
20) Methylene Chloride	2.86	84	4287	0.582	ug/l #	86
25) 2-Butanone	4.70	43	12358	2.466	ug/l	91
28) Bromochloromethane	5.05	49	220	Below Cal	#	14
31) Cyclohexane	5.58	56	73873	6.881	ug/l	93
36) 1,1-Dichloropropene	5.67	75	43025	4.937	ug/l #	48
38) Carbon Tetrachloride	5.67	117	63512	7.500	ug/l #	13
39) Methylcyclohexane	7.46	83	85316	7.437	ug/l	97
48) Methyl methacrylate	7.73	41	3637	0.518	ug/l #	38
49) 1,4-Dioxane	7.76	88	301	Below Cal	#	27
51) 4-Methyl-2-Pentanone	8.65	43	3890	0.443	ug/l	94
52) Toluene	8.79	92	43639	2.550	ug/l	96
59) 2-Hexanone	9.50	43	2526	0.376	ug/l	68
60) Dibromochloromethane	9.54	129	66	2.333	ug/l	74
67) Ethyl Benzene	10.25	91	1117210	33.368	ug/l	98
68) m/p-Xylenes	10.36	106	1277083	96.663	ug/l	100
69) o-Xylene	10.70	106	126769	9.717	ug/l	98
70) Styrene	10.70	104	6113	0.296	ug/l #	1
73) Isopropylbenzene	11.02	105	84605	2.463	ug/l	100
76) 1,2,3-Trichloropropane	11.13	75	218984	23.465	ug/l #	38
78) n-propylbenzene	11.36	91	376427	9.950	ug/l	99
79) 2-Chlorotoluene	11.43	91	143932	6.278	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	638318	22.558	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	218984	69.597	ug/l #	10
82) 4-Chlorotoluene	11.51	91	64841	2.466	ug/l #	43
83) tert-Butylbenzene	11.80	119	309203	10.918	ug/l #	59
84) 1,2,4-Trimethylbenzene	11.80	105	2495184	83.833	ug/l	99
85) sec-Butylbenzene	11.80	105	2495184	71.860	ug/l #	55
86) p-Isopropyltoluene	12.02	119	32851	1.076	ug/l	93

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Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

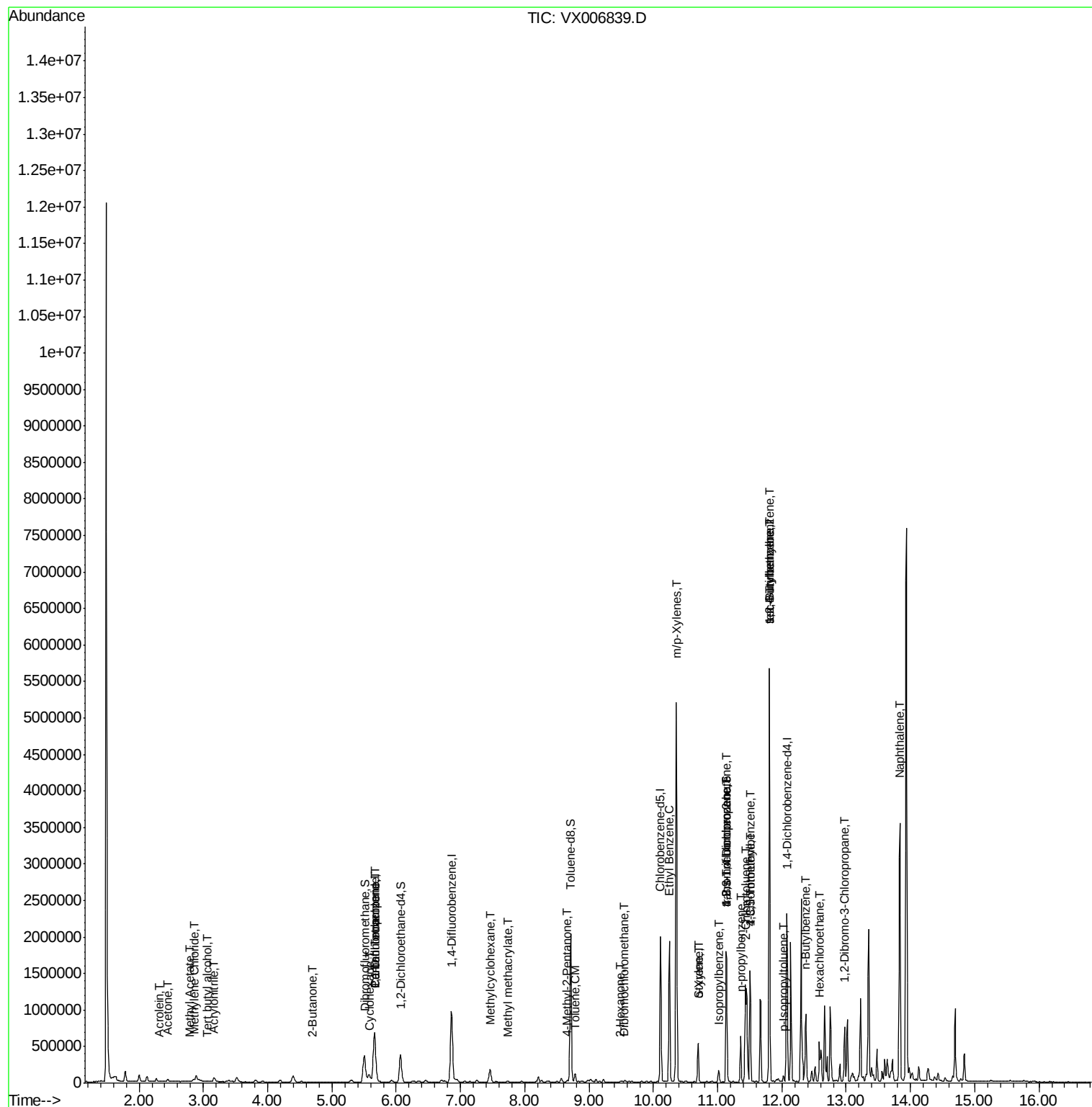
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.38	91	113428	4.367	ug/l #	9
90) Hexachloroethane	12.58	117	23717	7.931	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	12.97	75	2464	1.166	ug/l #	1
95) Naphthalene	13.83	128	2231257	60.524	ug/l	99

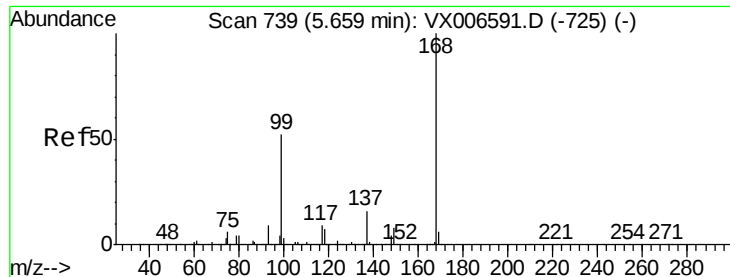
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006839.D

Acq: 27 Dec 2018 13:49

Instrument :

MSVOA_X

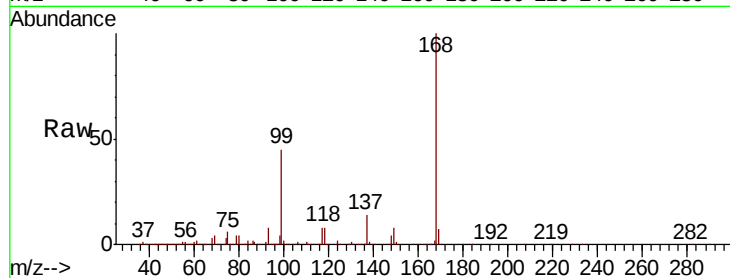
ClientSampleId :

Tot Ion:168 Resp: 719497

Ion Ratio Lower Upper

168 100

99 45.4 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): VX006839.D (-690) (-)

Ion 98.90 (98.60 to 99.60): VX006839.D (-690) (-)

5.67

300000

250000

200000

150000

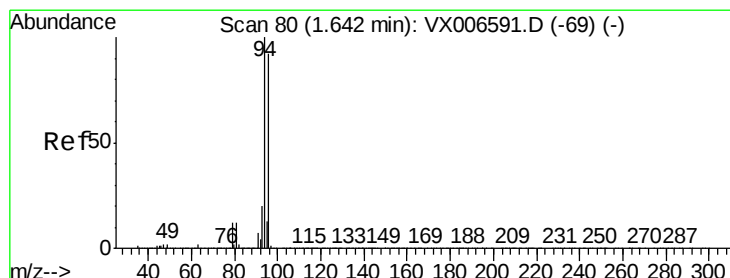
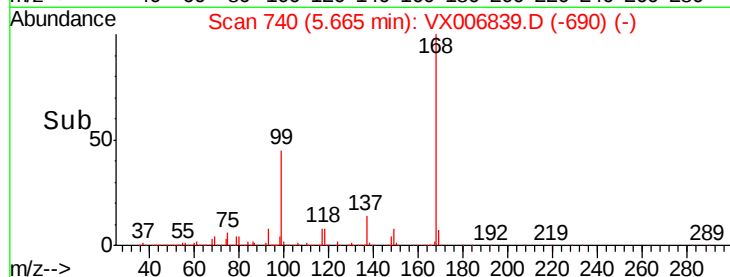
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006839.D

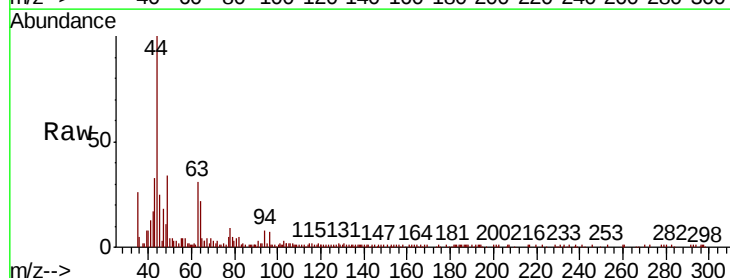
Acq: 27 Dec 2018 13:49

Tgt Ion: 94 Resp: 1843

Ion Ratio Lower Upper

94 100

96 86.5 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX006839.D (-31) (-)

Ion 95.90 (95.60 to 96.60): VX006839.D (-31) (-)

1.64

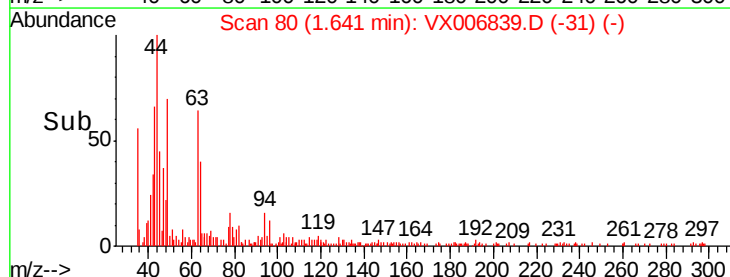
1000

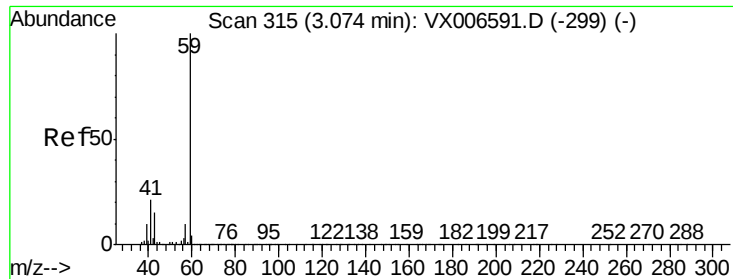
500

0

Time-->

1.60 1.65 1.70

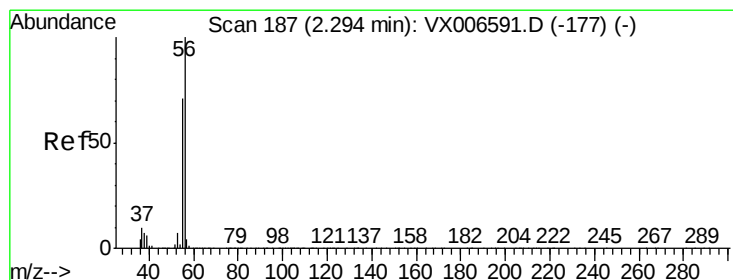
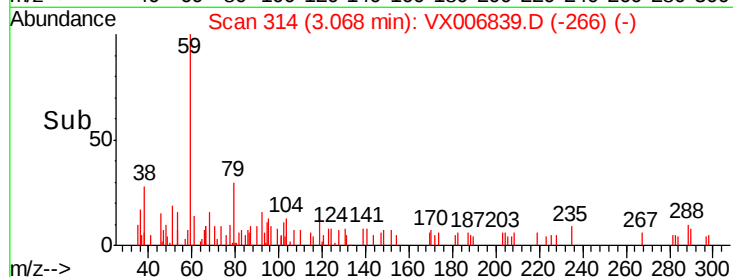
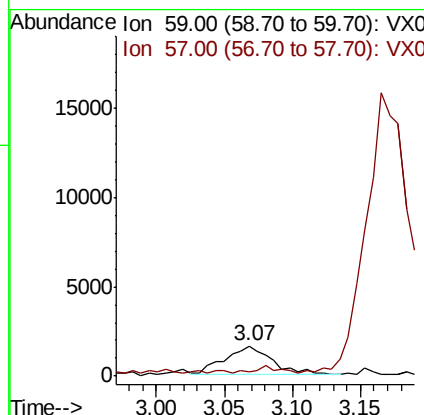
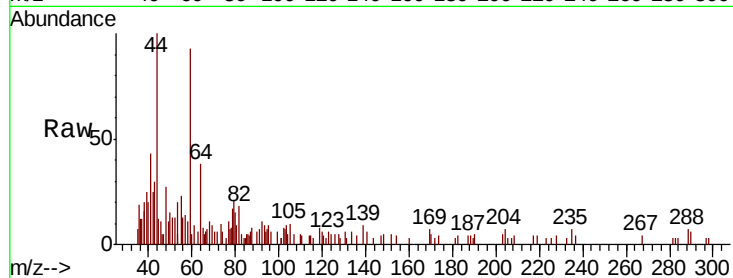




#11
Tert butyl alcohol
Concen: 2.267 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006839.D
Acq: 27 Dec 2018 13:49

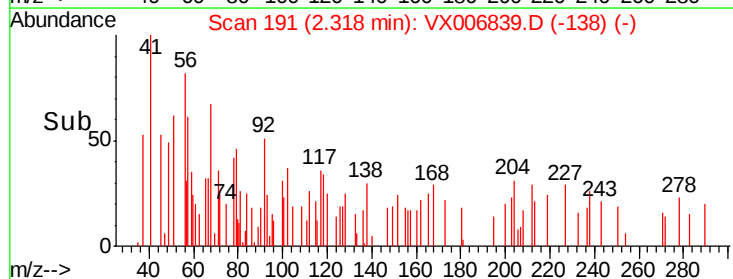
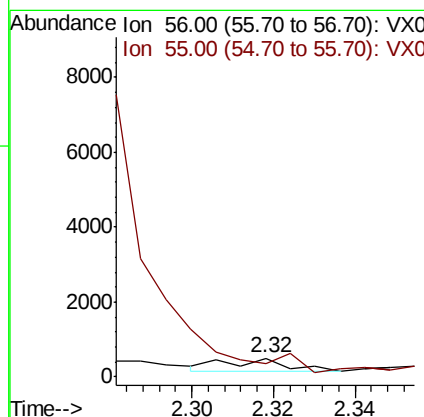
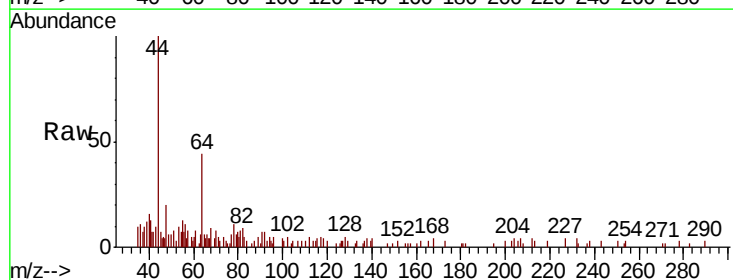
Instrument :
MSVOA_X
ClientSampleId :

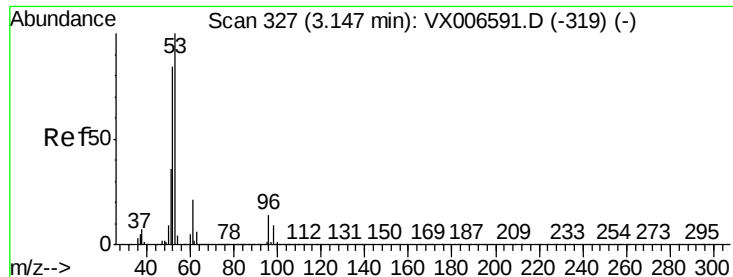
Tot Ion: 59 Resp: 3924
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#13
Acrolein
Concen: 0.313 ug/l
RT: 2.32 min Scan# 191
Delta R.T. 0.02 min
Lab File: VX006839.D
Acq: 27 Dec 2018 13:49

Tgt Ion: 56 Resp: 365
Ion Ratio Lower Upper
56 100
55 0.0 58.2 87.4#





#15

Acrylonitrile

Concen: 0.378 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.01 min

Lab File: VX006839.D

Acq: 27 Dec 2018 13:49

Instrument :
MSVOA_X
ClientSampleId :

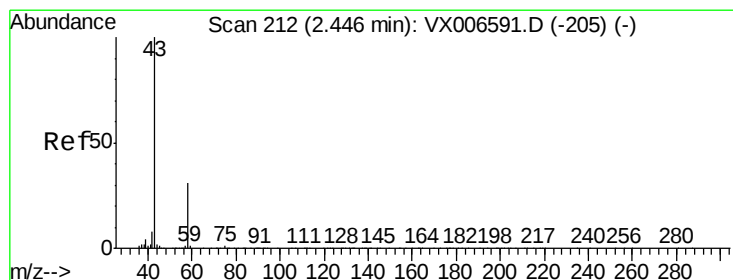
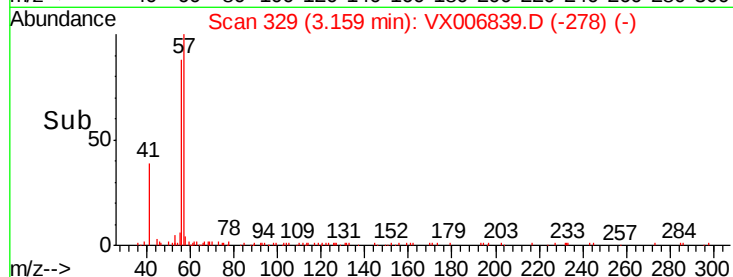
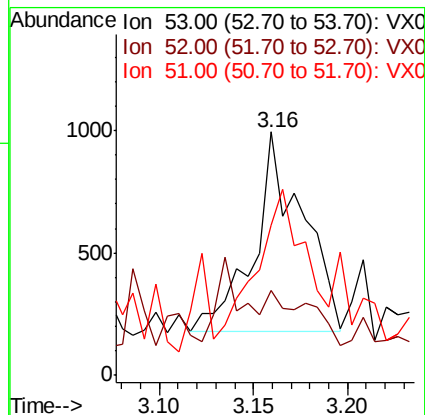
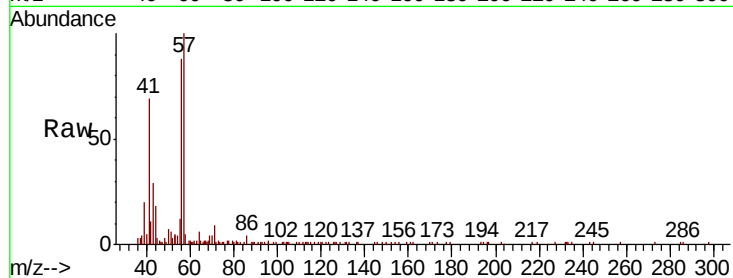
Tot Ion: 53 Resp: 1454

Ion Ratio Lower Upper

53 100

52 0.0 66.0 99.0#

51 59.0 28.6 42.8#



#16

Acetone

Concen: 8.753 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006839.D

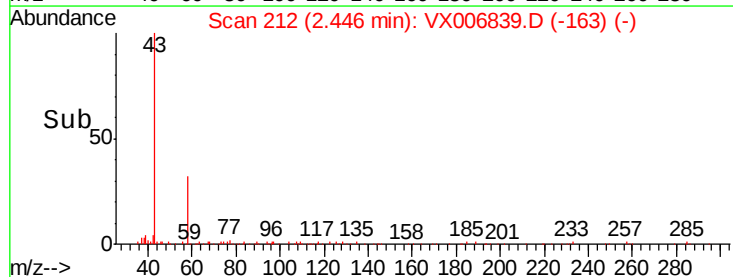
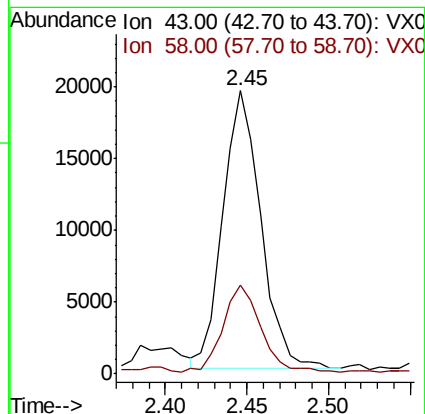
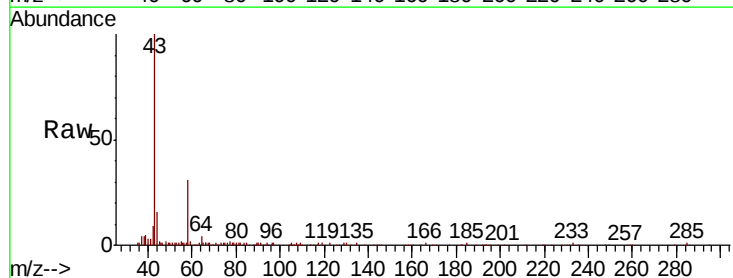
Acq: 27 Dec 2018 13:49

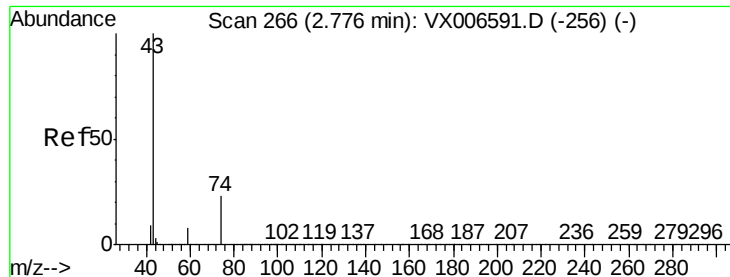
Tgt Ion: 43 Resp: 31184

Ion Ratio Lower Upper

43 100

58 31.3 25.0 37.6

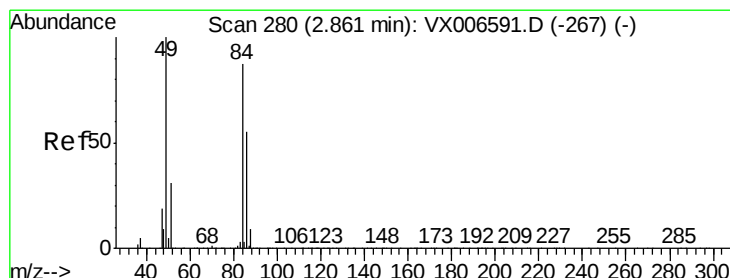
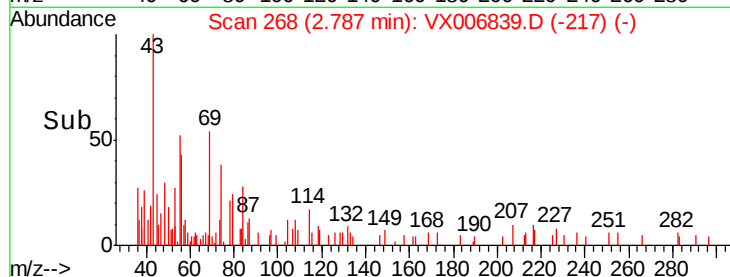
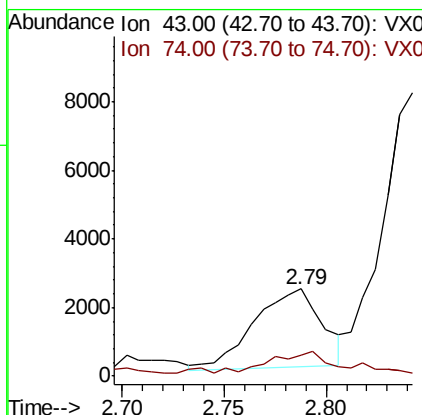
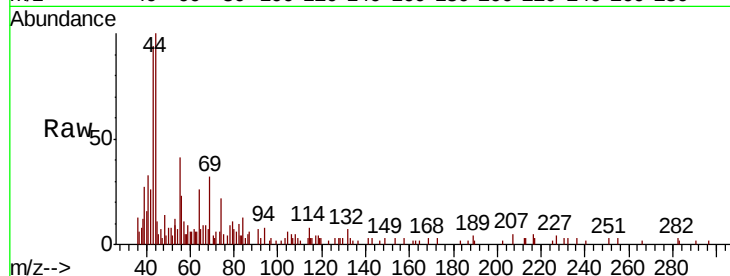




#18
Methyl Acetate
Concen: 0.504 ug/l
RT: 2.79 min Scan# 268
Delta R.T. 0.01 min
Lab File: VX006839.D
Acq: 27 Dec 2018 13:49

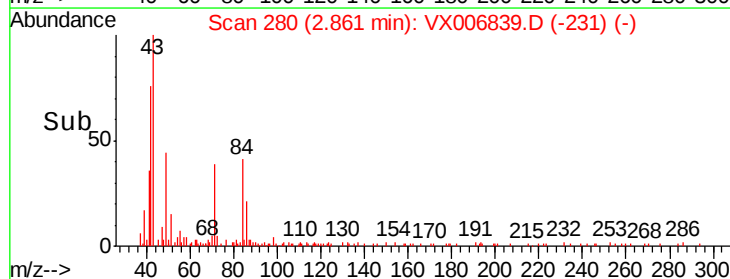
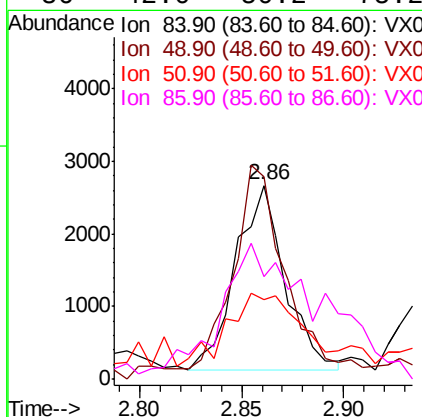
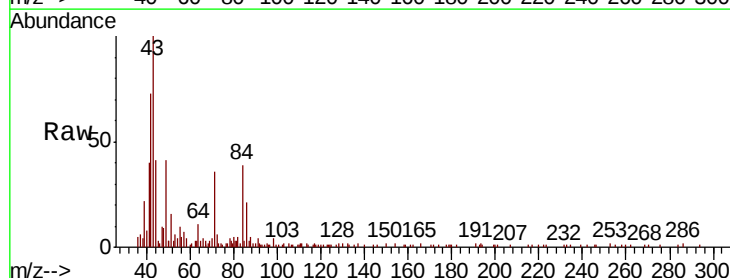
Instrument :
MSVOA_X
ClientSampled :

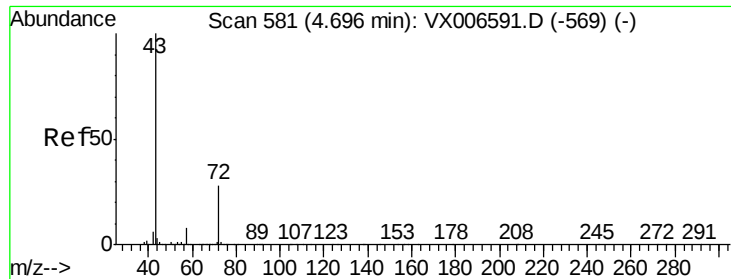
Tot Ion: 43 Resp: 5280
Ion Ratio Lower Upper
43 100
74 22.9 18.6 28.0



#20
Methylene Chloride
Concen: 0.582 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006839.D
Acq: 27 Dec 2018 13:49

Tgt Ion: 84 Resp: 4287
Ion Ratio Lower Upper
84 100
49 103.9 91.8 137.6
51 32.2 28.5 42.7
86 42.0 50.2 75.2#

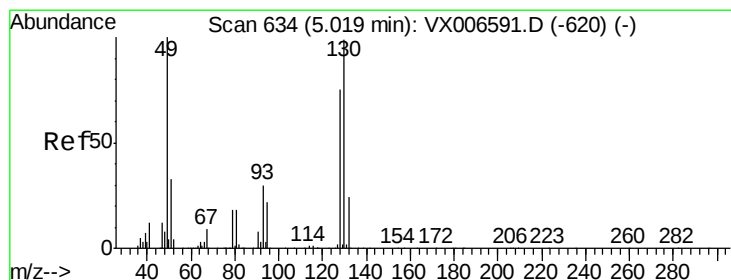
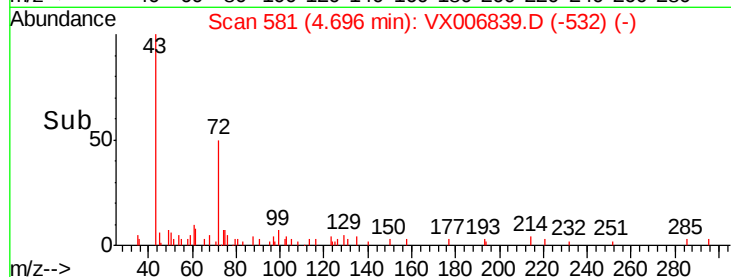
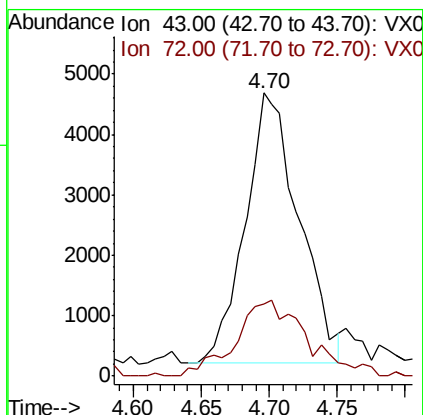
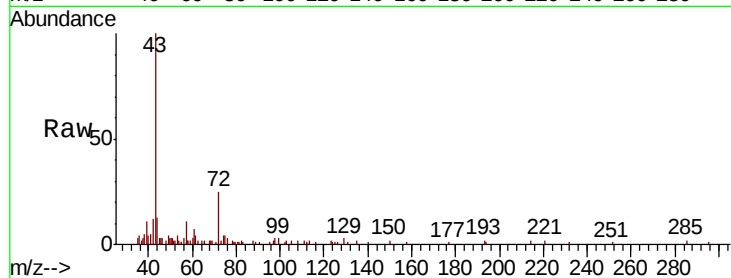




#25
2-Butanone
Concen: 2.466 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.00 min
Lab File: VX006839.D
Acq: 27 Dec 2018 13:49

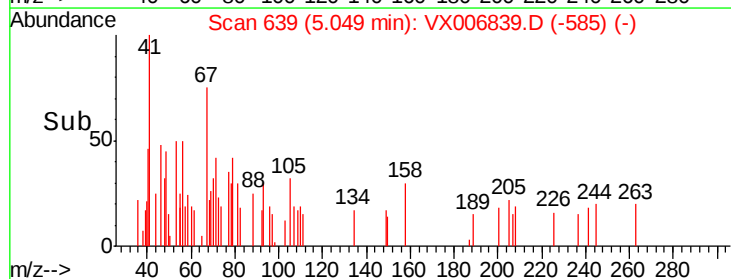
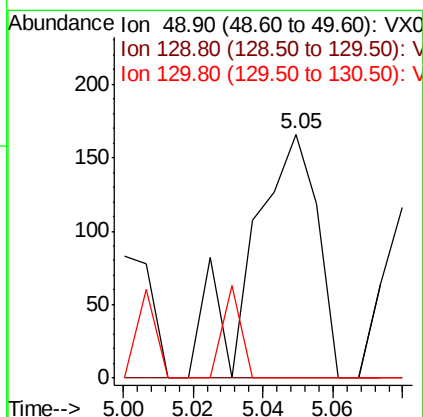
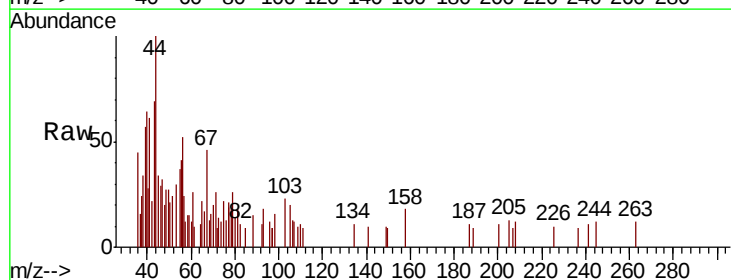
Instrument :
MSVOA_X
ClientSampleId :

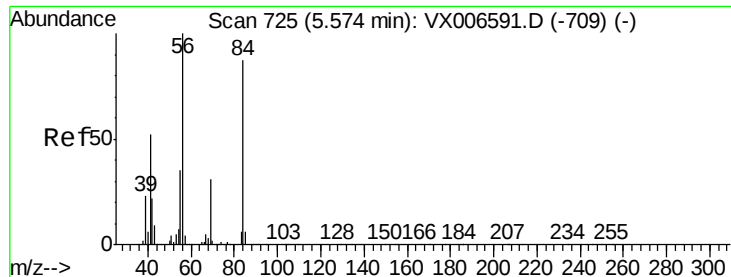
Tot Ion: 43 Resp: 12358
Ion Ratio Lower Upper
43 100
72 23.4 22.4 33.6



#28
Bromochloromethane
Concen: Below Cal
RT: 5.05 min Scan# 639
Delta R.T. 0.03 min
Lab File: VX006839.D
Acq: 27 Dec 2018 13:49

Tgt Ion: 49 Resp: 220
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.4
130 10.5 77.7 116.5#

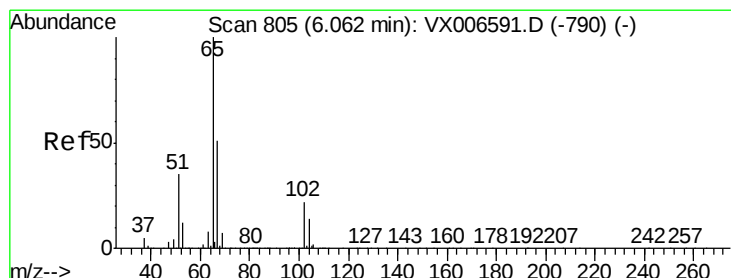
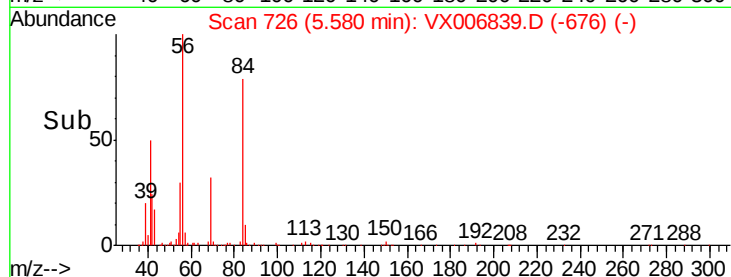
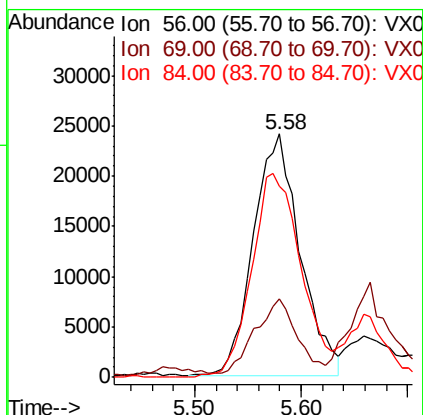
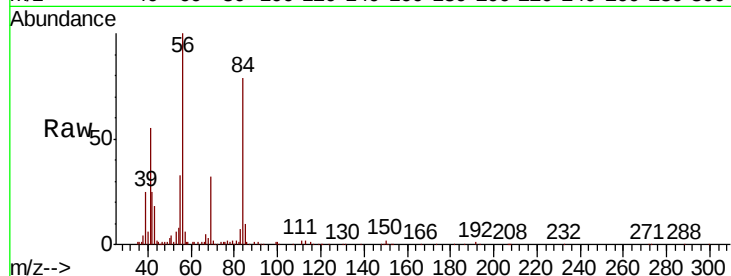




#31
Cyclohexane
Concen: 6.881 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006839.D
Acq: 27 Dec 2018 13:49

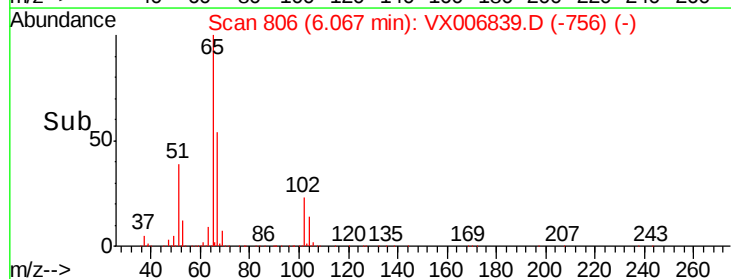
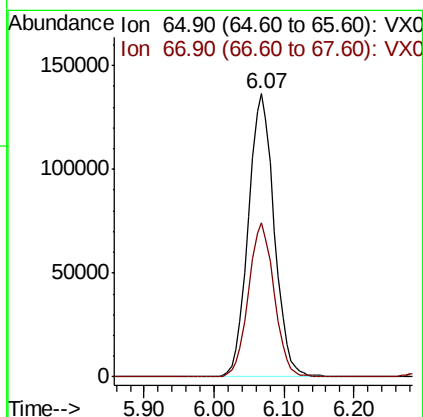
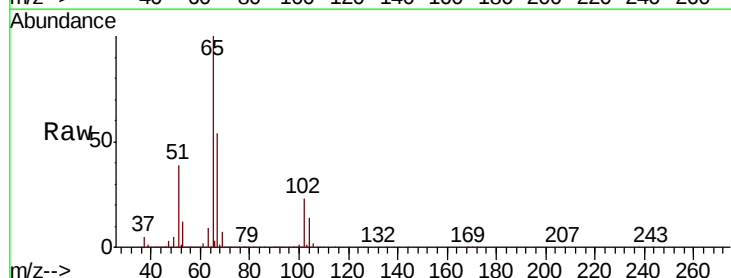
Instrument :
MSVOA_X
ClientSampleId :

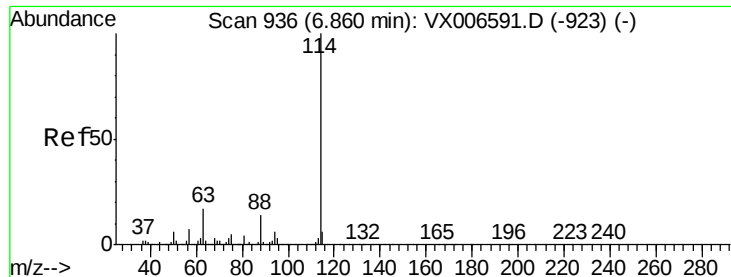
Tot Ion: 56 Resp: 73873
Ion Ratio Lower Upper
56 100
69 29.1 24.4 36.6
84 79.2 70.0 105.0



#33
1,2-Dichloroethane-d4
Concen: 45.140 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006839.D
Acq: 27 Dec 2018 13:49

Tgt Ion: 65 Resp: 350034
Ion Ratio Lower Upper
65 100
67 54.0 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006839.D

Acq: 27 Dec 2018 13:49

Instrument :

MSVOA_X

ClientSampleId :

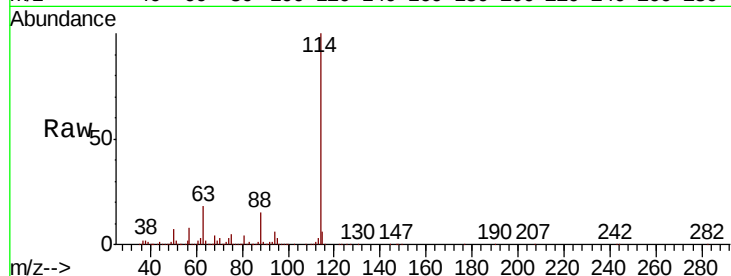
Tot Ion:114 Resp: 1052115

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.8

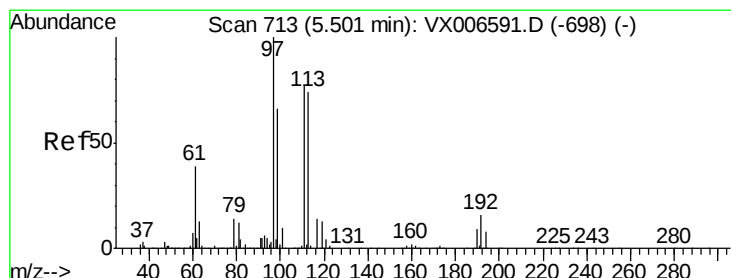
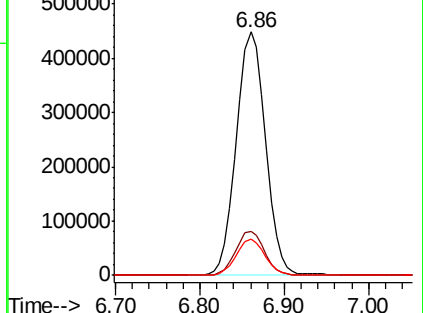
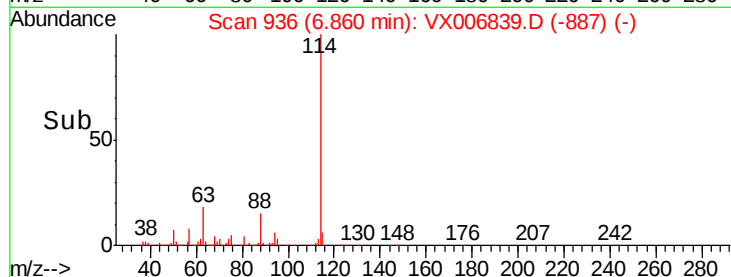
88 15.1 0.0 28.8



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: 46.426 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006839.D

Acq: 27 Dec 2018 13:49

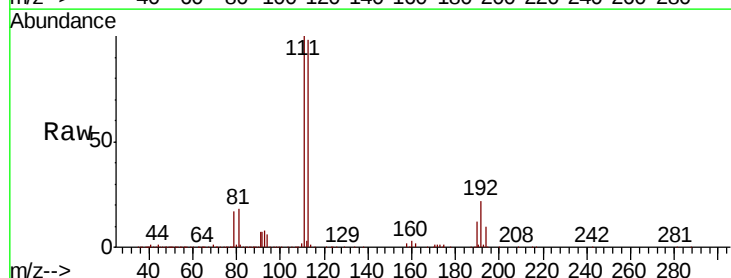
Tgt Ion:113 Resp: 308887

Ion Ratio Lower Upper

113 100

111 102.8 81.6 122.4

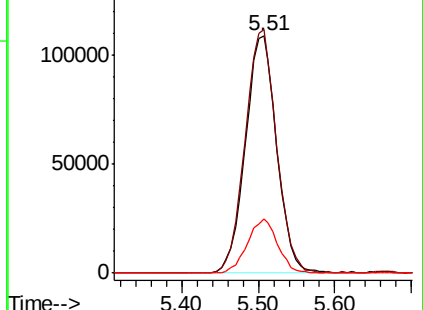
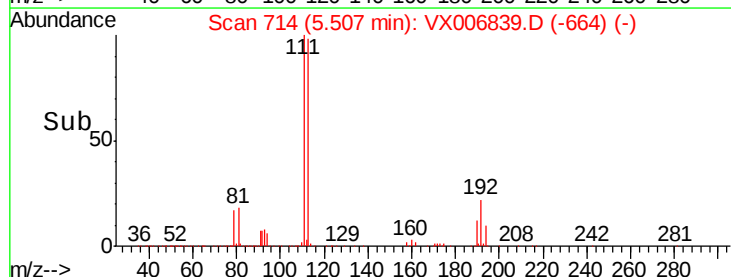
192 22.3 16.7 25.1

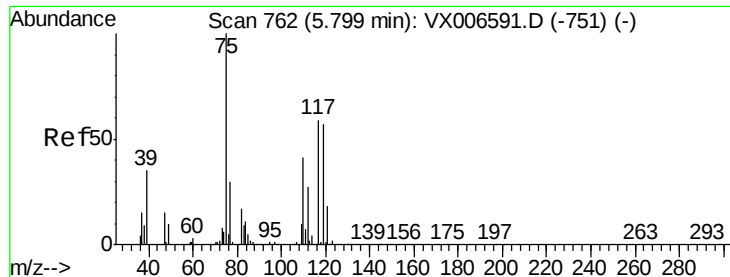


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.937 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006839.D

Acq: 27 Dec 2018 13:49

Instrument :
MSVOA_X
ClientSampleId :

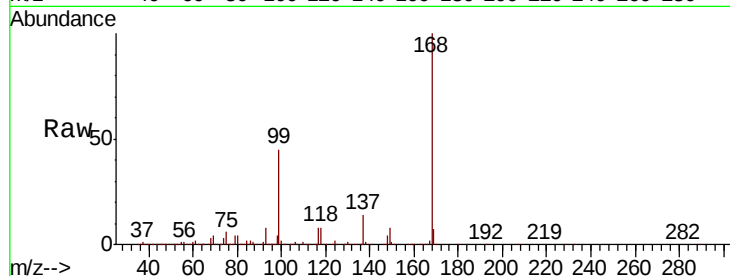
Tot Ion: 75 Resp: 43025

Ion Ratio Lower Upper

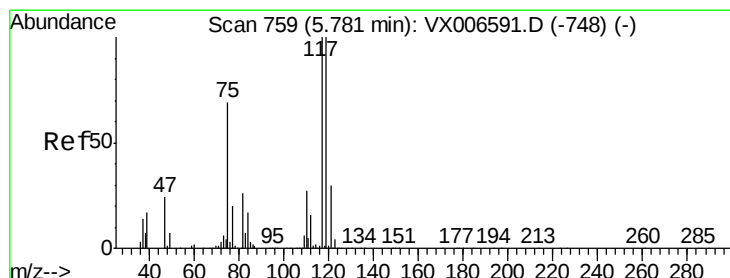
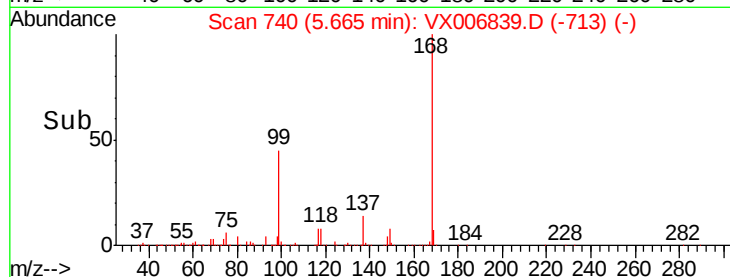
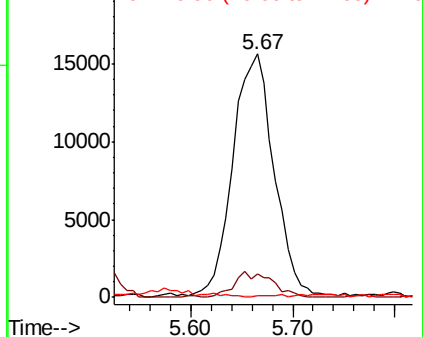
75 100

110 10.0 20.2 60.5#

77 0.0 24.8 37.2#



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



#38

Carbon Tetrachloride

Concen: 7.500 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006839.D

Acq: 27 Dec 2018 13:49

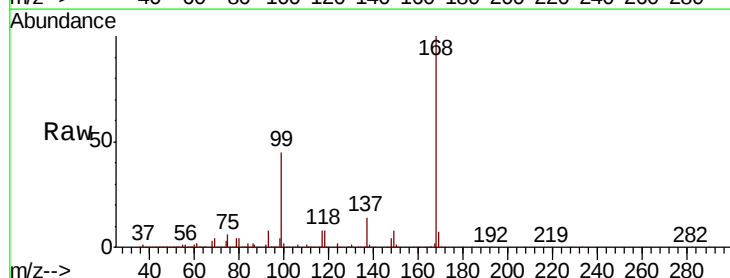
Tgt Ion:117 Resp: 63512

Ion Ratio Lower Upper

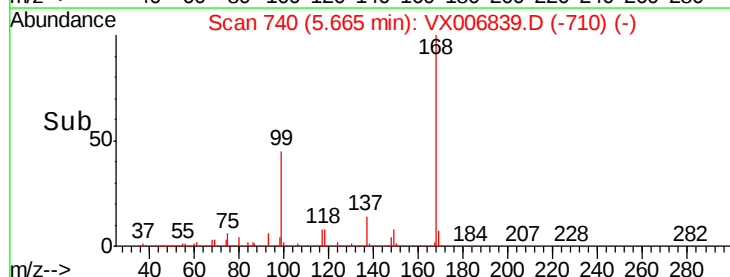
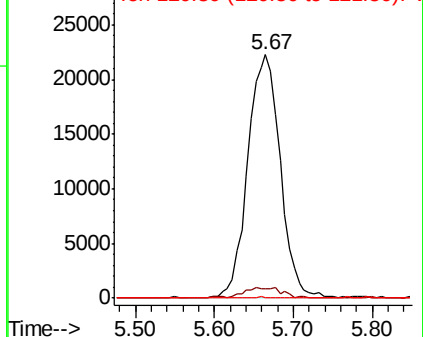
117 100

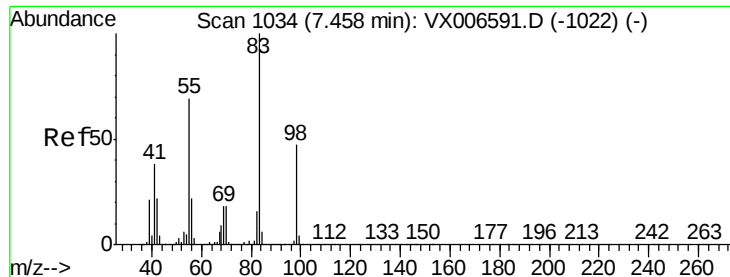
119 3.7 79.4 119.2#

121 0.0 24.0 36.0#



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

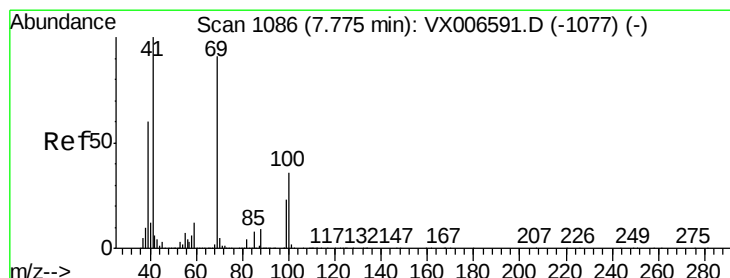
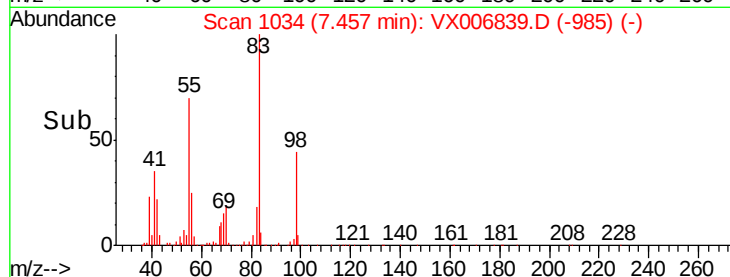
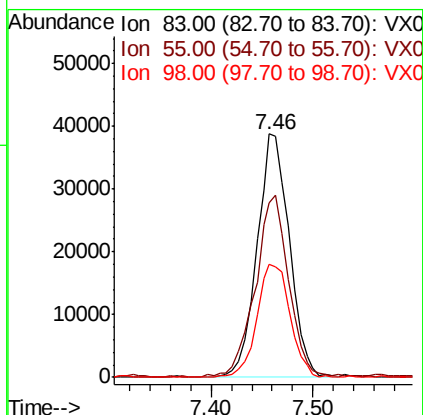
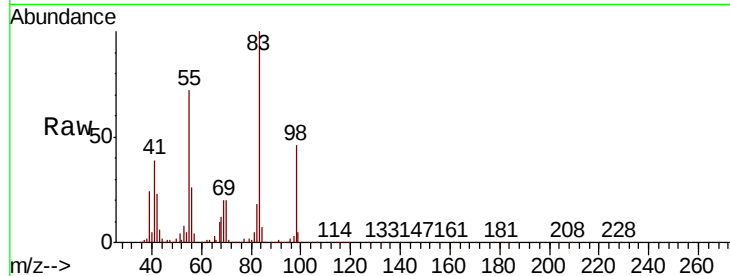




#39
Methylcyclohexane
Concen: 7.437 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006839.D
Acq: 27 Dec 2018 13:49

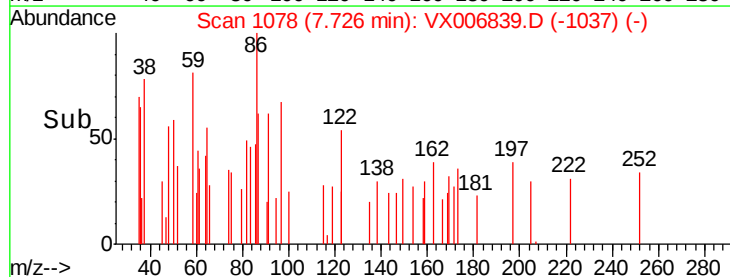
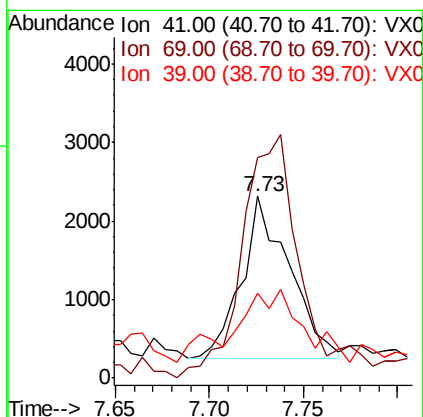
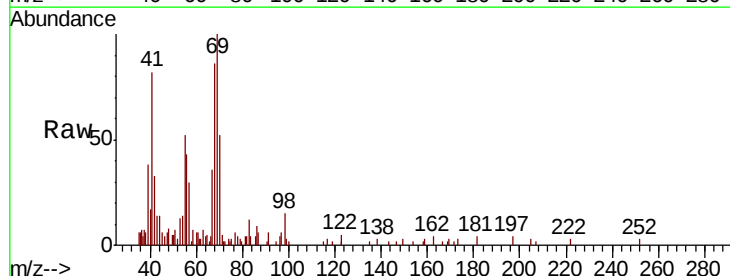
Instrument :
MSVOA_X
ClientSampled :

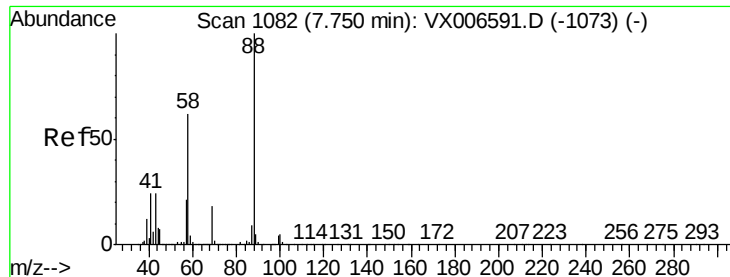
Tot Ion	83	Resp	85316
Ion	Ratio	Lower	Upper
83	100		
55	71.3	54.9	82.3
98	46.4	37.9	56.9



#48
Methyl methacrylate
Concen: 0.518 ug/l
RT: 7.73 min Scan# 1078
Delta R.T. -0.05 min
Lab File: VX006839.D
Acq: 27 Dec 2018 13:49

Tgt Ion	41	Resp	3637
Ion	Ratio	Lower	Upper
41	100		
69	182.0	72.4	108.6#
39	52.2	45.8	68.8

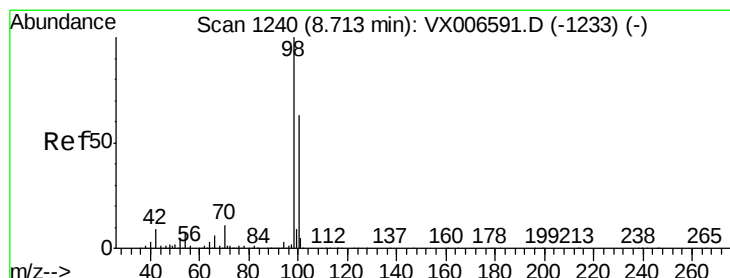
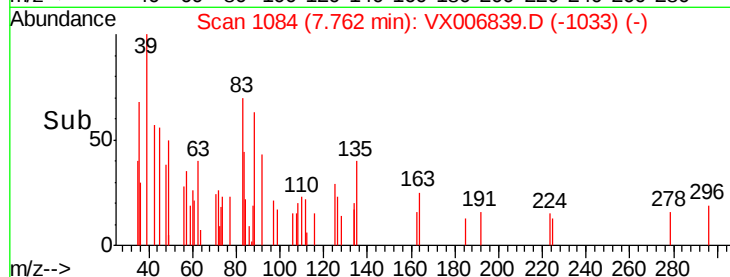
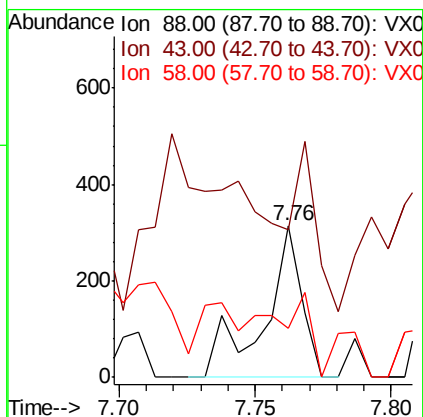
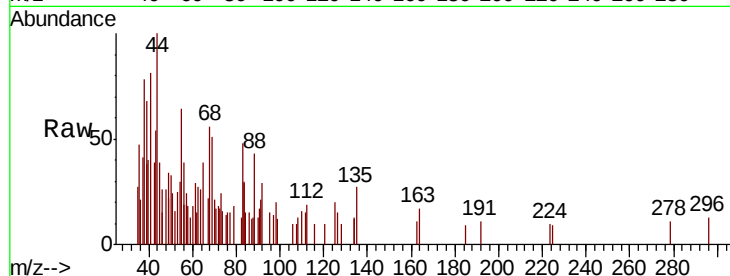




#49
1,4-Dioxane
Concen: Below Cal
RT: 7.76 min Scan# 1084
Delta R.T. 0.01 min
Lab File: VX006839.D
Acq: 27 Dec 2018 13:49

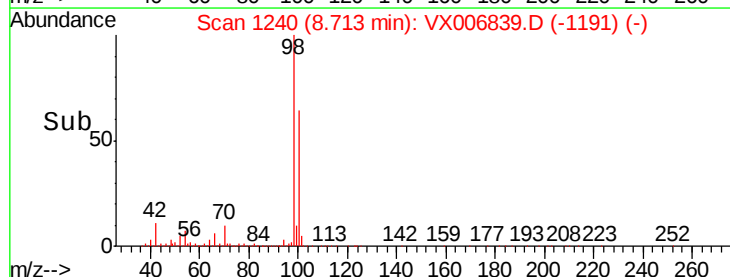
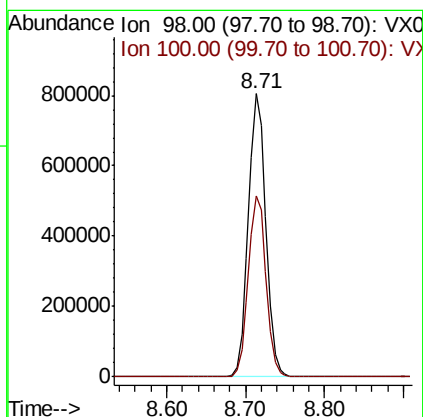
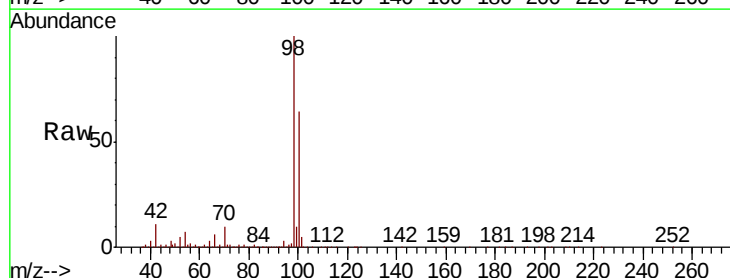
Instrument :
MSVOA_X
ClientSampleId :

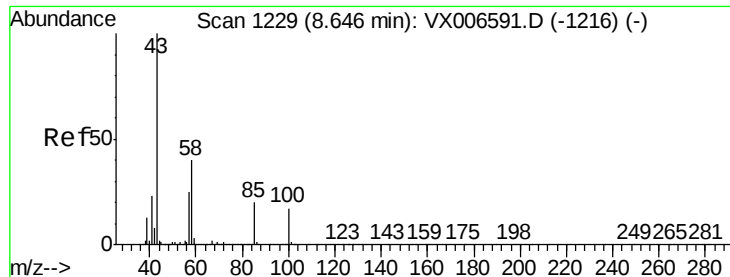
Tot Ion: 88 Resp: 301
Ion Ratio Lower Upper
88 100
43 0.0 22.2 33.4#
58 0.0 51.0 76.4#



#50
Toluene-d8
Concen: 49.559 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006839.D
Acq: 27 Dec 2018 13:49

Tgt Ion: 98 Resp: 1243122
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

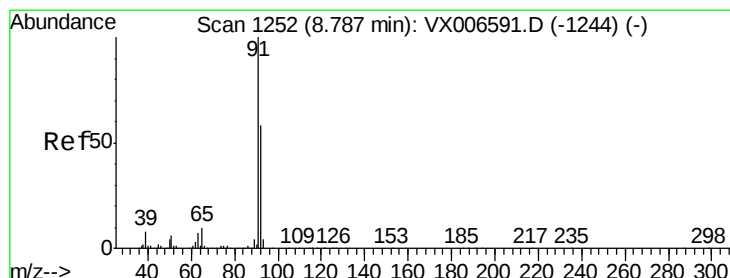
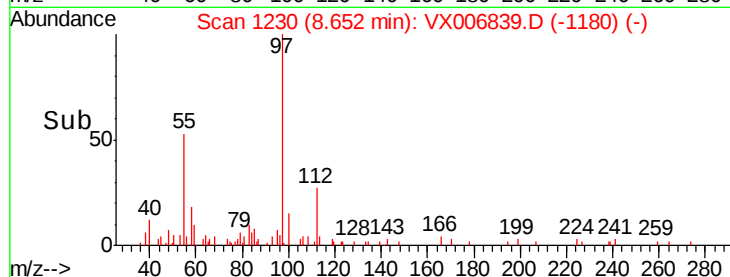
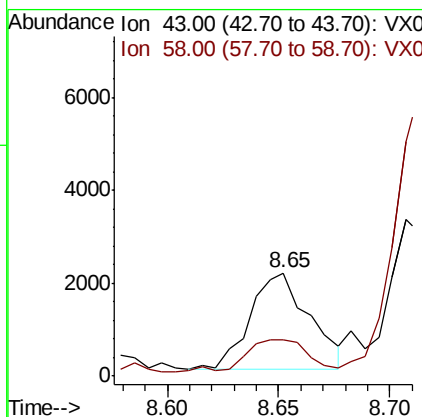
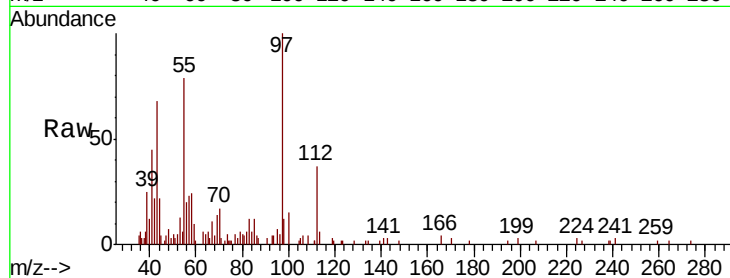




#51
4-Methyl-2-Pentanone
Concen: 0.443 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.01 min
Lab File: VX006839.D
Acq: 27 Dec 2018 13:49

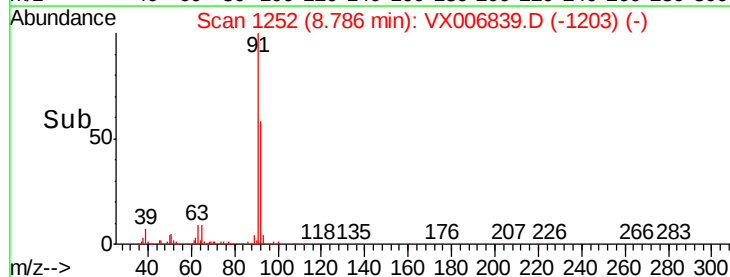
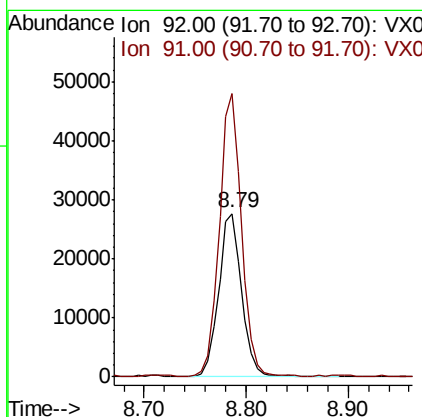
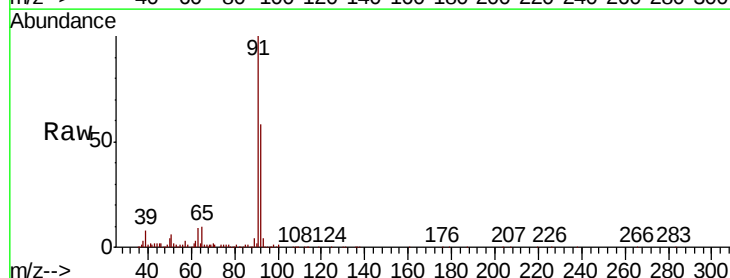
Instrument :
MSVOA_X
ClientSampleId :

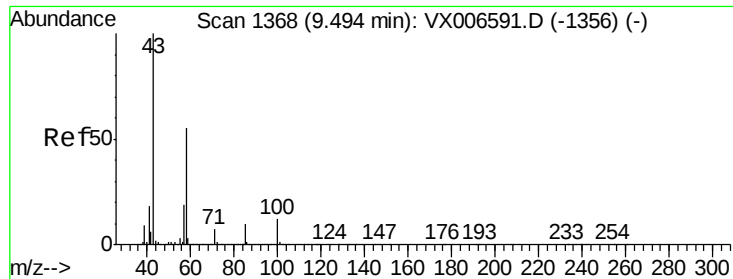
Tot Ion: 43 Resp: 3890
Ion Ratio Lower Upper
43 100
58 36.1 31.8 47.6



#52
Toluene
Concen: 2.550 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX006839.D
Acq: 27 Dec 2018 13:49

Tgt Ion: 92 Resp: 43639
Ion Ratio Lower Upper
92 100
91 167.1 137.6 206.4

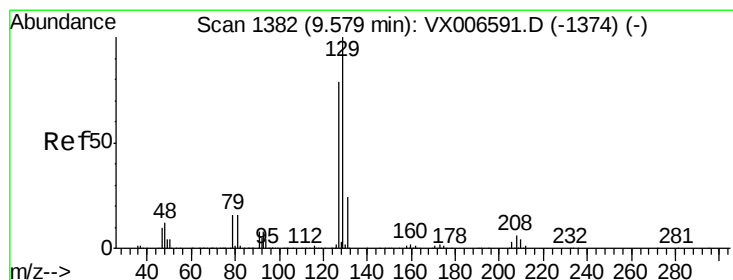
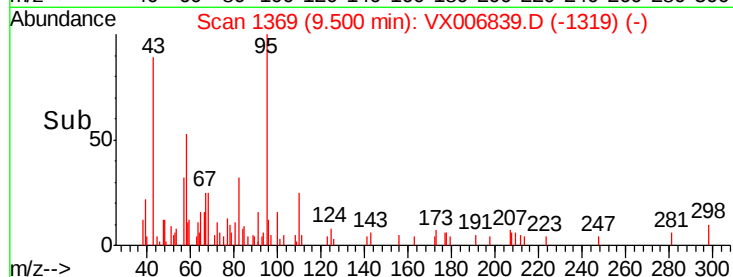
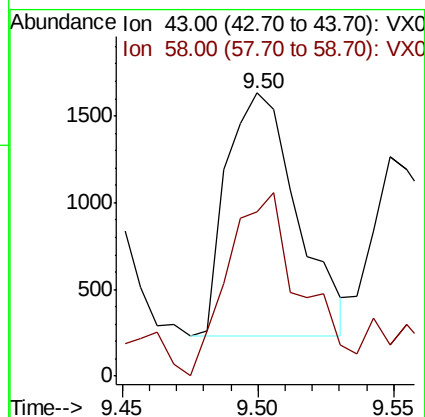
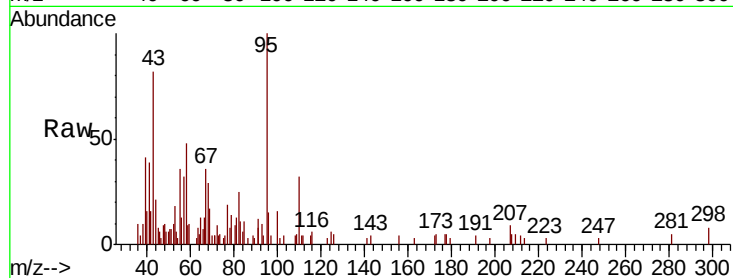




#59
2-Hexanone
Concen: 0.376 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VX006839.D
Acq: 27 Dec 2018 13:49

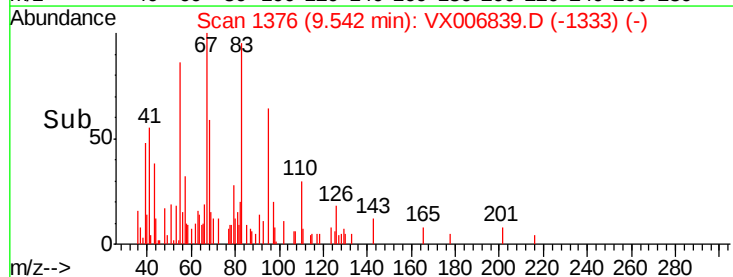
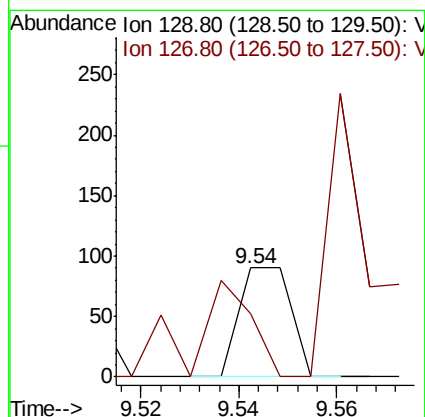
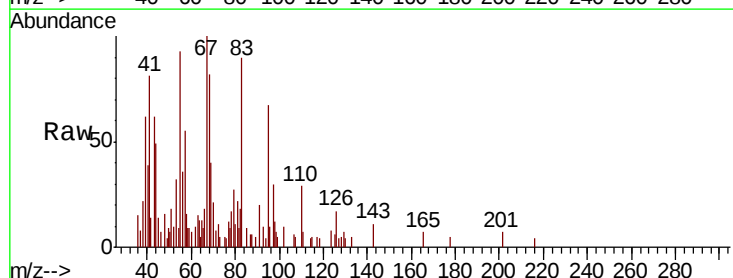
Instrument :
MSVOA_X
ClientSampleId :

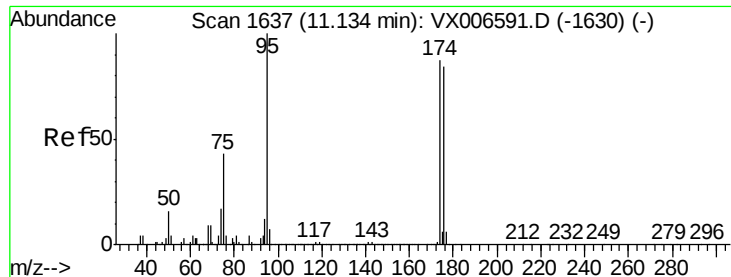
Tot Ion: 43 Resp: 2526
Ion Ratio Lower Upper
43 100
58 78.5 27.7 83.1



#60
Dibromochloromethane
Concen: 2.333 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. -0.04 min
Lab File: VX006839.D
Acq: 27 Dec 2018 13:49

Tgt Ion: 129 Resp: 66
Ion Ratio Lower Upper
129 100
127 101.5 39.3 117.8

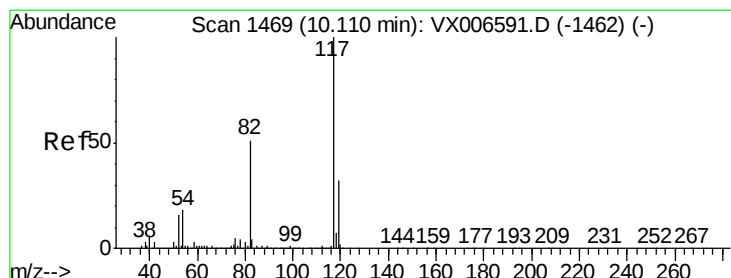
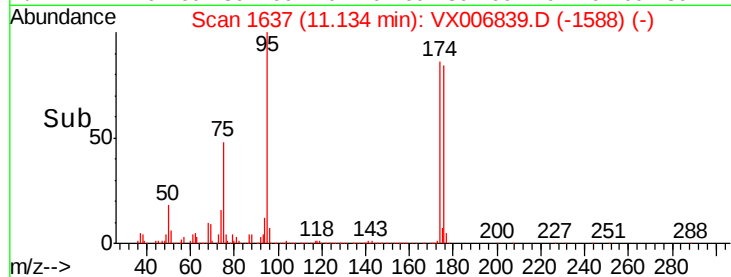
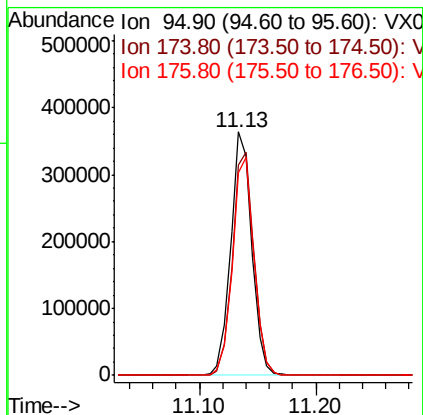
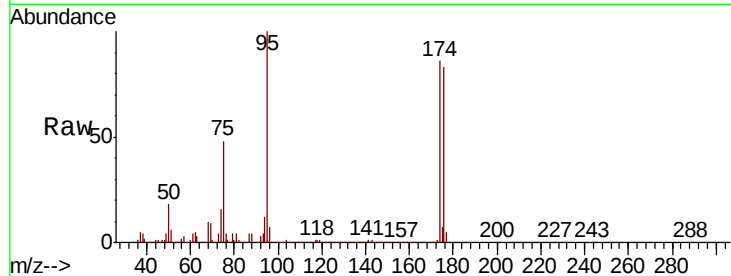




#62
4-Bromofluorobenzene
Concen: 49.915 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006839.D
Acq: 27 Dec 2018 13:49

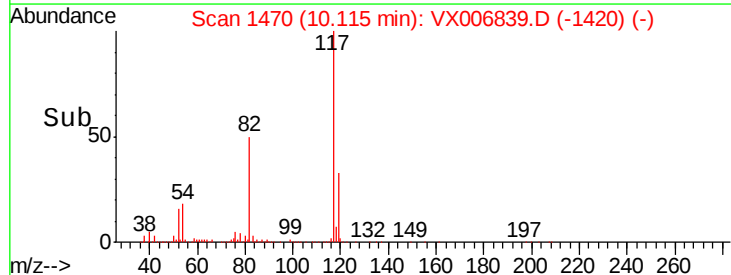
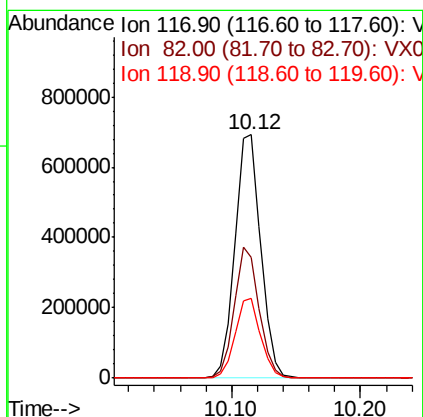
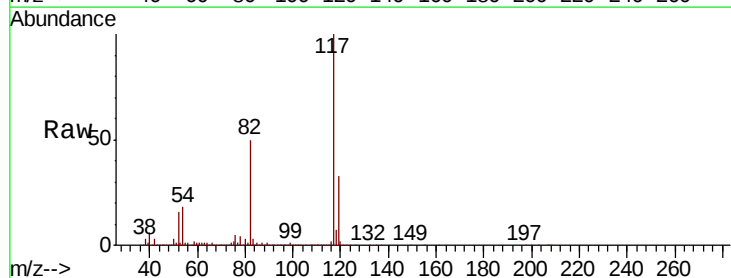
Instrument :
MSVOA_X
ClientSampleId :

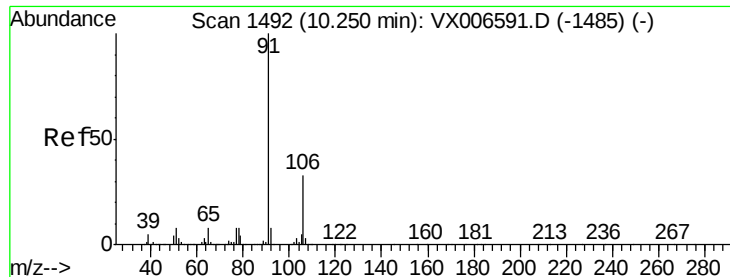
Tot Ion	Ratio	Lower	Upper
95	100		
174	93.6	0.0	182.2
176	91.1	0.0	178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006839.D
Acq: 27 Dec 2018 13:49

Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.7	41.0	61.6
119	32.6	25.4	38.0

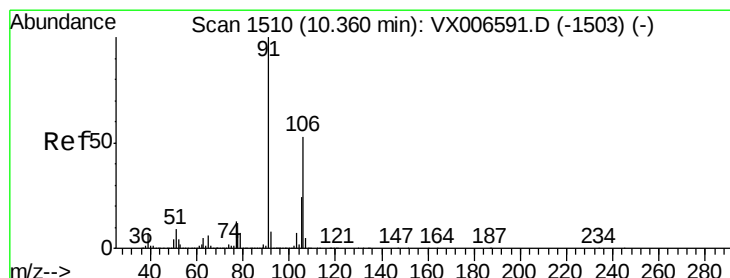
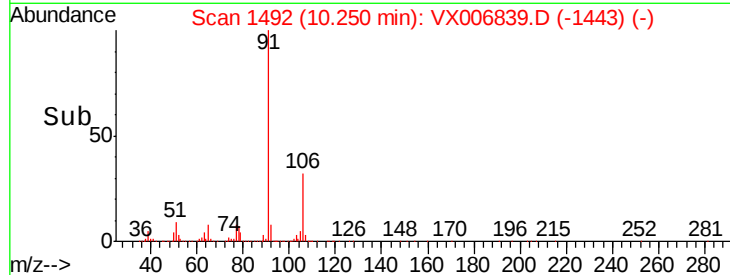
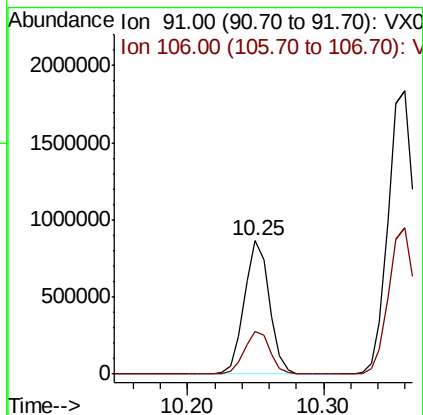
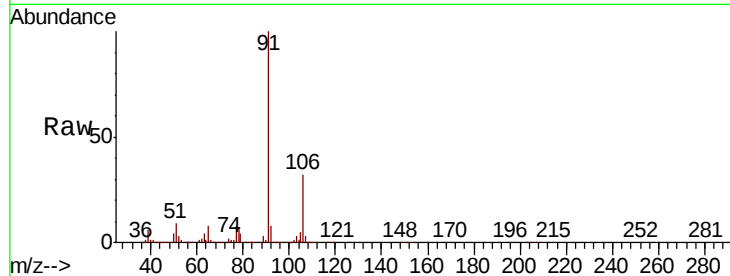




#67
Ethyl Benzene
Concen: 33.368 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006839.D
Acq: 27 Dec 2018 13:49

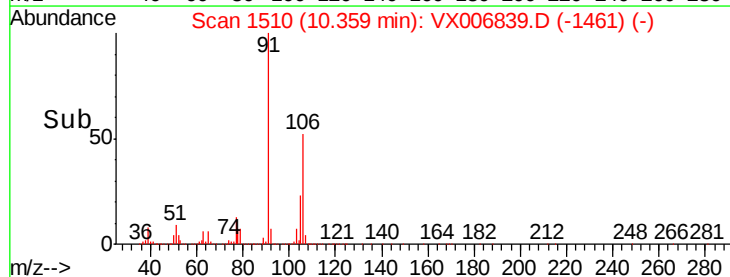
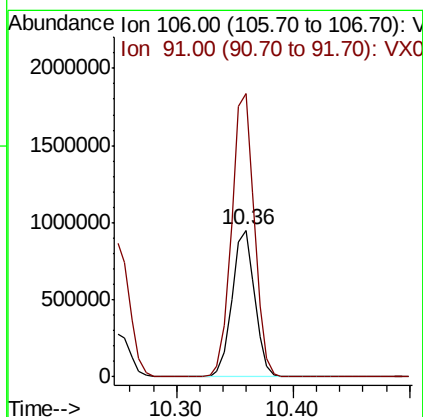
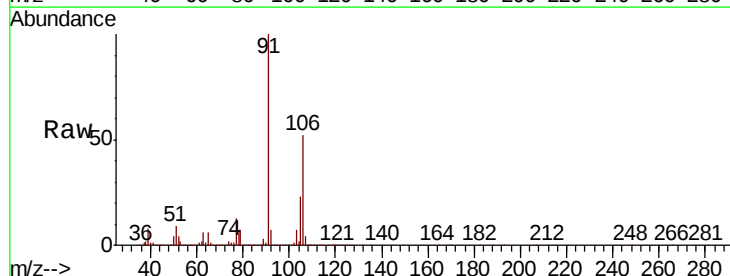
Instrument :
MSVOA_X
ClientSampleId :

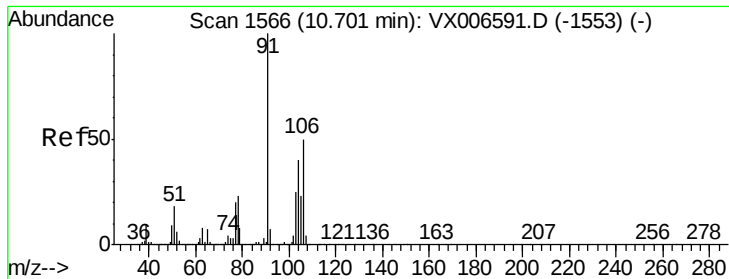
Tot Ion: 91 Resp: 1117210
Ion Ratio Lower Upper
91 100
106 32.1 26.4 39.6



#68
m/p-Xylenes
Concen: 96.663 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006839.D
Acq: 27 Dec 2018 13:49

Tgt Ion: 106 Resp: 1277083
Ion Ratio Lower Upper
106 100
91 195.3 155.8 233.6

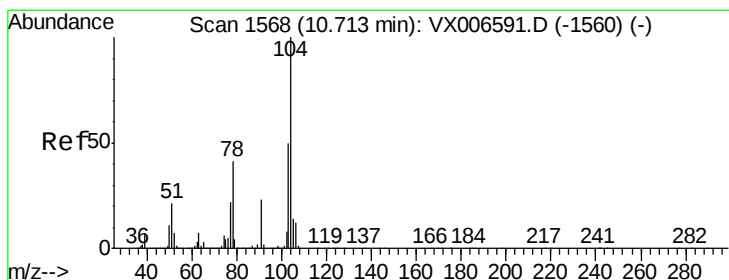
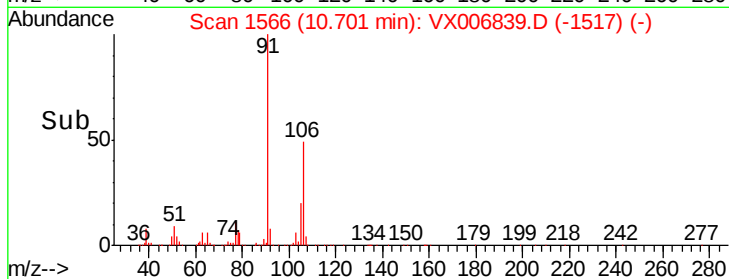
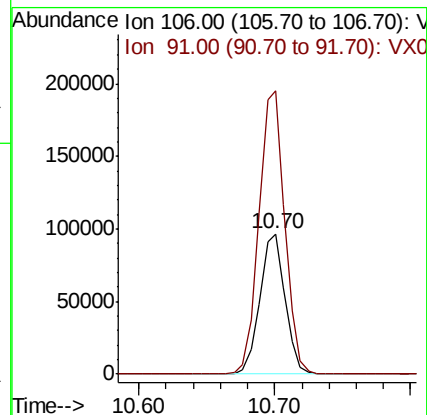
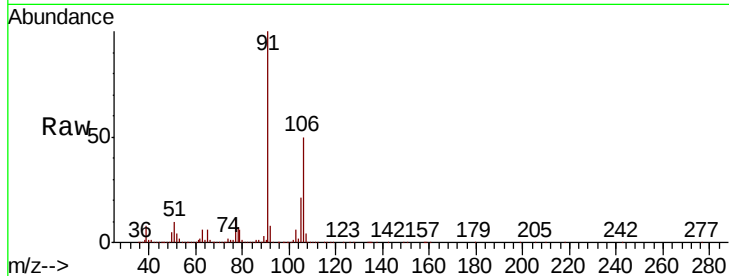




#69
o-Xylene
Concen: 9.717 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006839.D
Acq: 27 Dec 2018 13:49

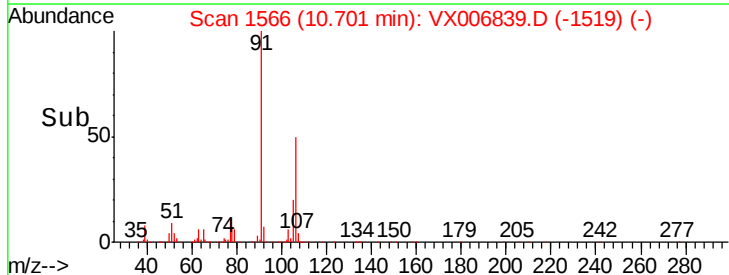
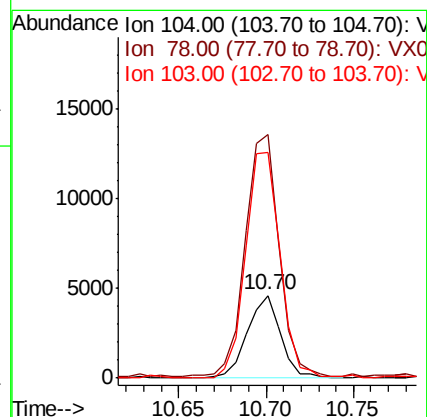
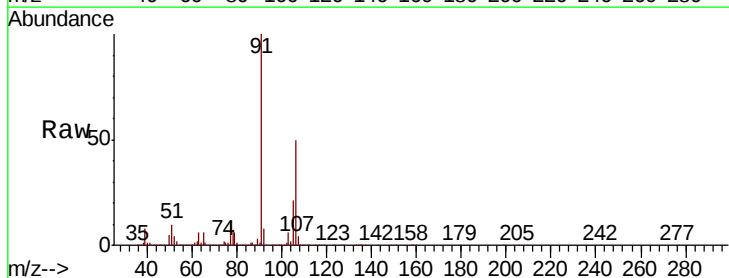
Instrument :
MSVOA_X
ClientSampled :

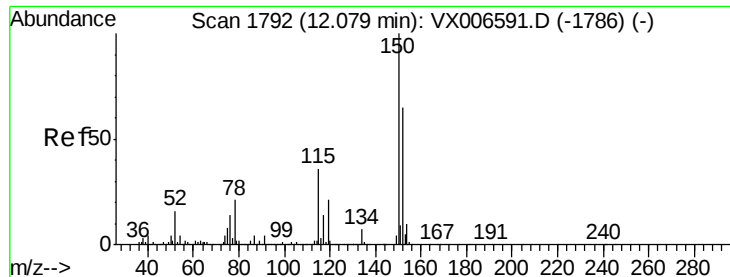
Tot Ion:106 Resp: 126769
Ion Ratio Lower Upper
106 100
91 205.5 101.3 303.7



#70
Styrene
Concen: 0.296 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX006839.D
Acq: 27 Dec 2018 13:49

Tgt Ion:104 Resp: 6113
Ion Ratio Lower Upper
104 100
78 296.5 37.7 56.5#
103 282.3 43.8 65.8#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006839.D

Acq: 27 Dec 2018 13:49

Instrument :

MSVOA_X

ClientSampleId :

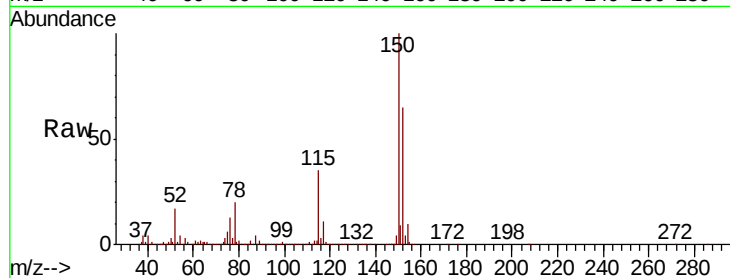
Tot Ion:152 Resp: 502178

Ion Ratio Lower Upper

152 100

115 54.2 39.1 117.2

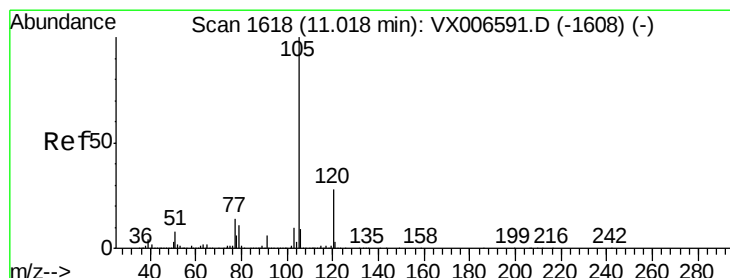
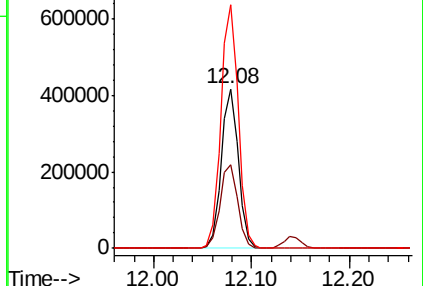
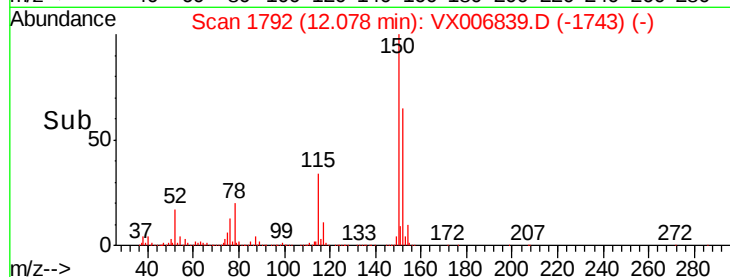
150 155.9 0.0 344.8



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: 2.463 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006839.D

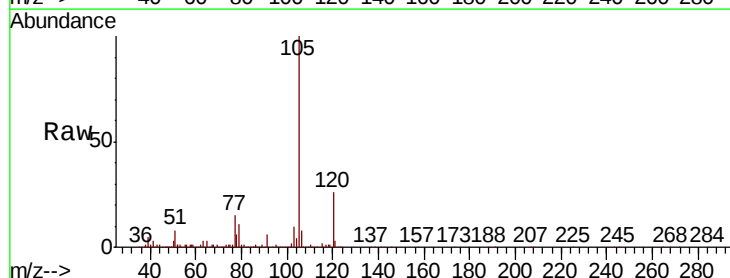
Acq: 27 Dec 2018 13:49

Tgt Ion:105 Resp: 84605

Ion Ratio Lower Upper

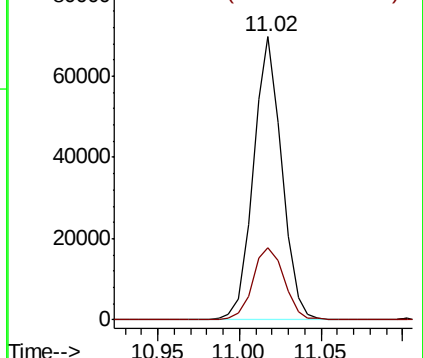
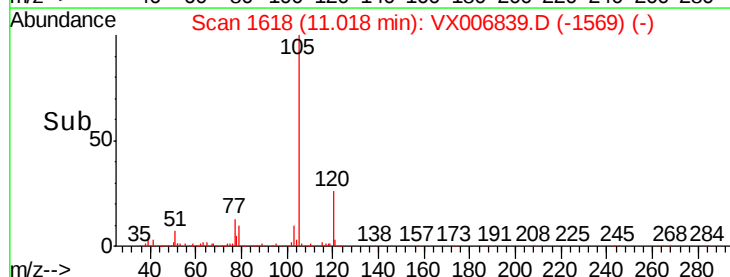
105 100

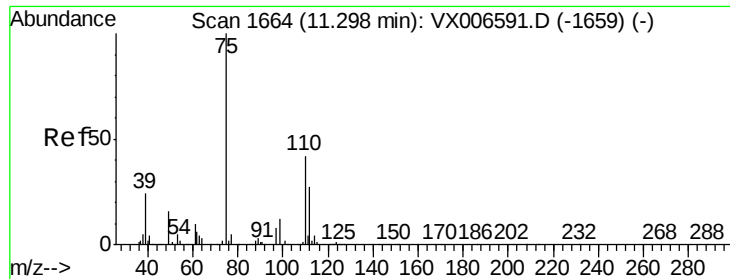
120 28.3 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

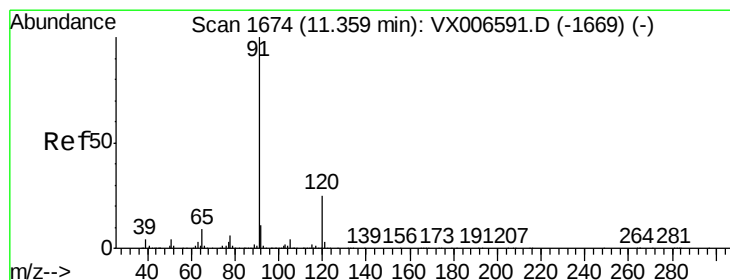
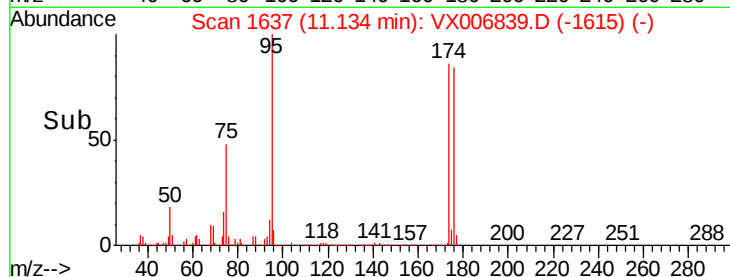
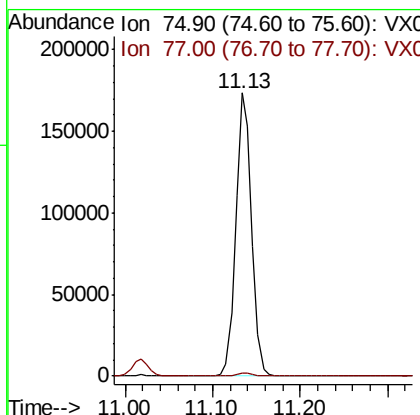
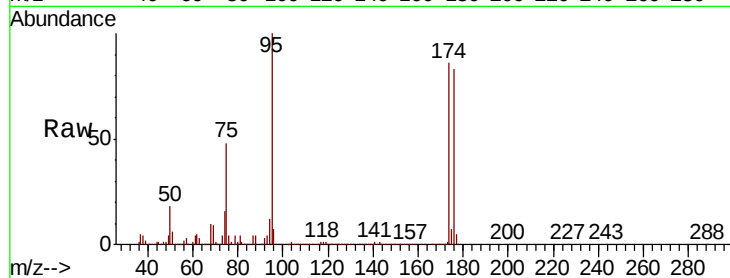




#76
 1,2,3-Trichloropropane
 Concen: 23.465 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX006839.D
 Acq: 27 Dec 2018 13:49

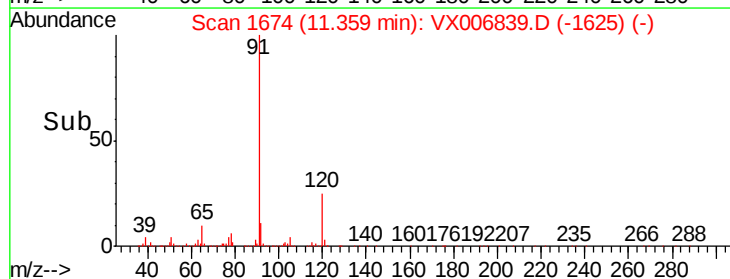
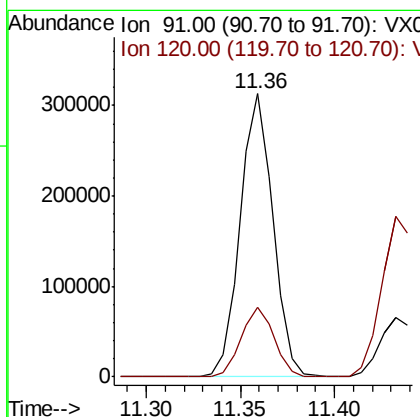
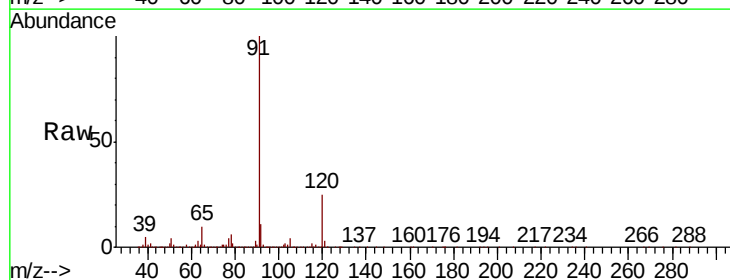
Instrument :
 MSVOA_X
 ClientSampleId :

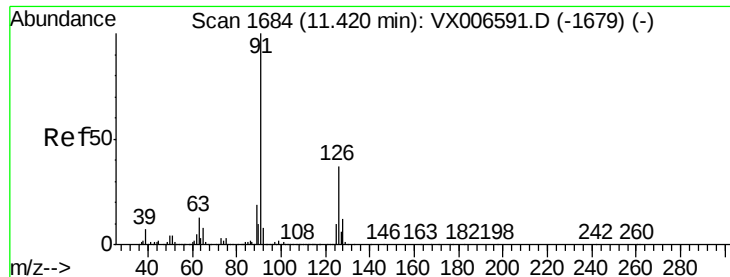
Tot Ion: 75 Resp: 218984
 Ion Ratio Lower Upper
 75 100
 77 0.0 18.5 55.5#



#78
 n-propylbenzene
 Concen: 9.950 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VX006839.D
 Acq: 27 Dec 2018 13:49

Tgt Ion: 91 Resp: 376427
 Ion Ratio Lower Upper
 91 100
 120 24.9 12.7 38.0





#79

2-Chlorotoluene

Concen: 6.278 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX006839.D

Acq: 27 Dec 2018 13:49

Instrument :

MSVOA_X

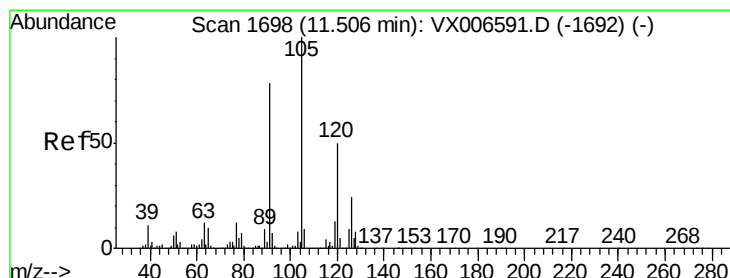
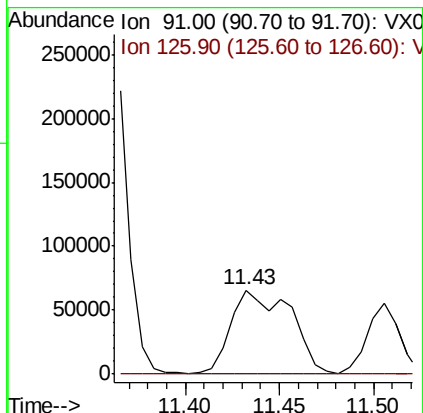
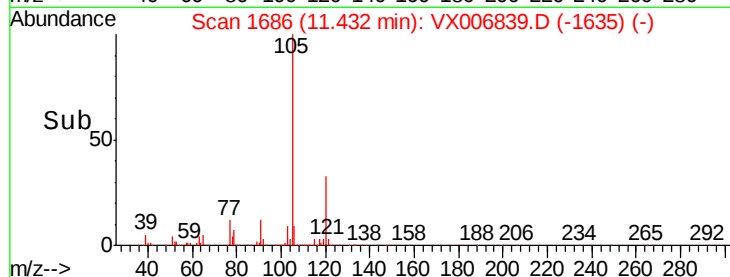
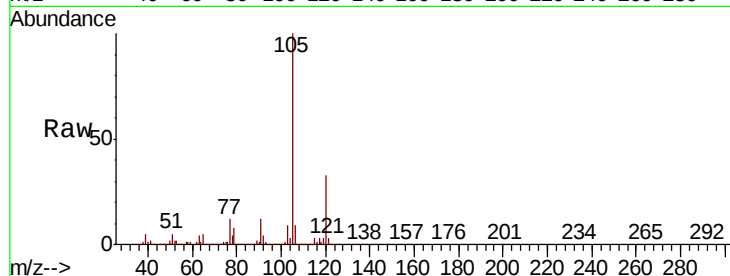
ClientSampleId :

Tot Ion: 91 Resp: 143932

Ion Ratio Lower Upper

91 100

126 0.7 18.6 56.0#



#80

1,3,5-Trimethylbenzene

Concen: 22.558 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006839.D

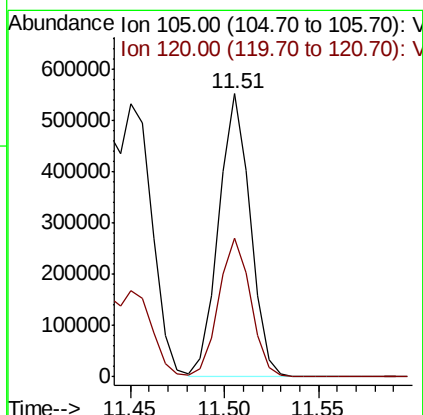
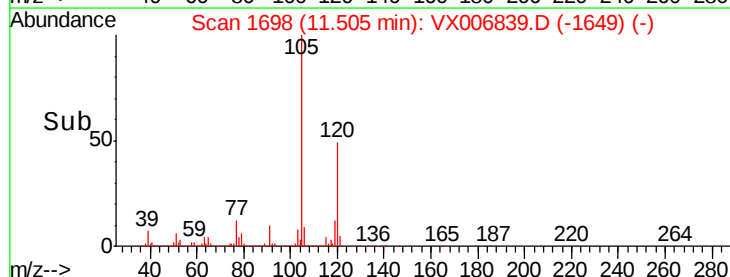
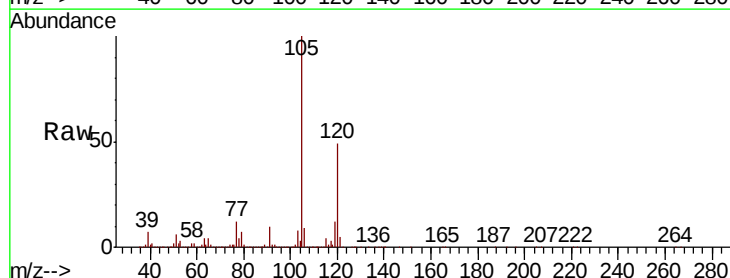
Acq: 27 Dec 2018 13:49

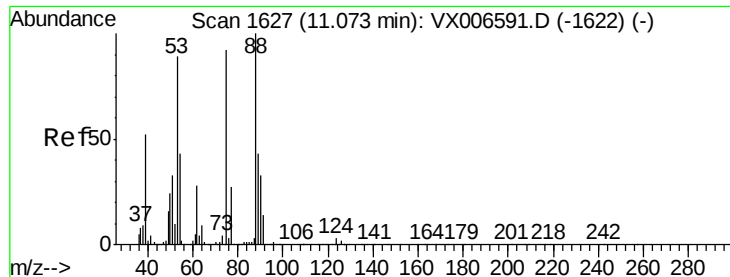
Tgt Ion: 105 Resp: 638318

Ion Ratio Lower Upper

105 100

120 49.7 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 69.597 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006839.D

Acq: 27 Dec 2018 13:49

Instrument :

MSVOA_X

ClientSampleId :

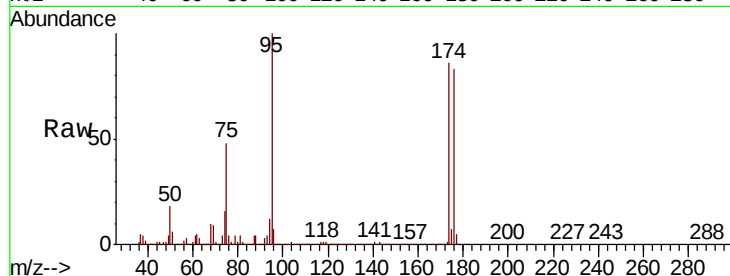
Tot Ion: 75 Resp: 218984

Ion Ratio Lower Upper

75 100

53 0.1 79.7 119.5#

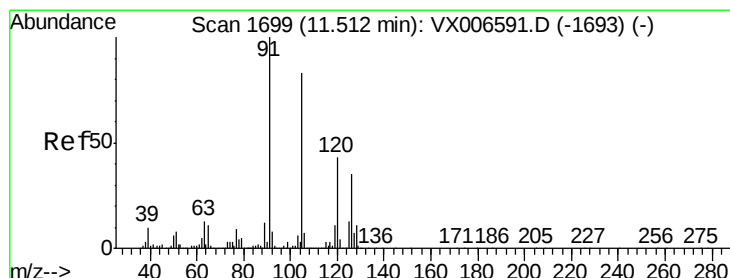
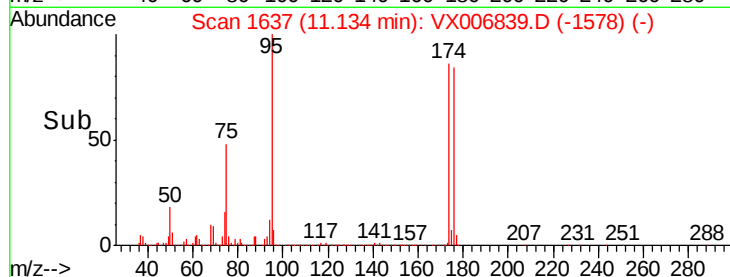
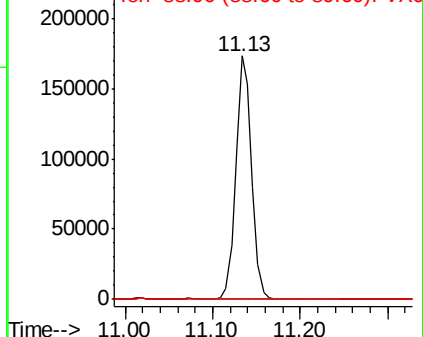
89 0.0 38.0 57.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 2.466 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX006839.D

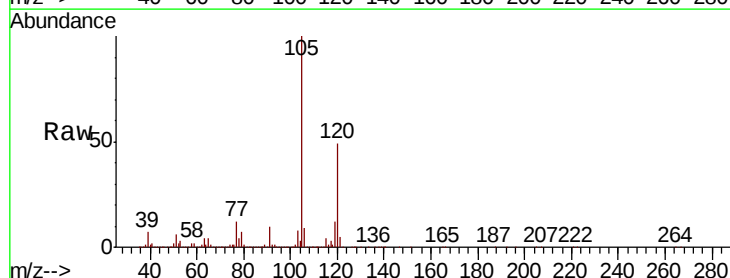
Acq: 27 Dec 2018 13:49

Tgt Ion: 91 Resp: 64841

Ion Ratio Lower Upper

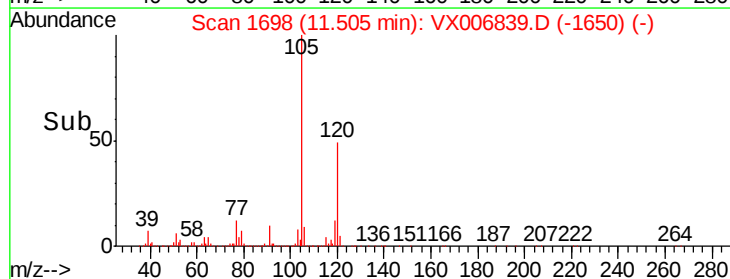
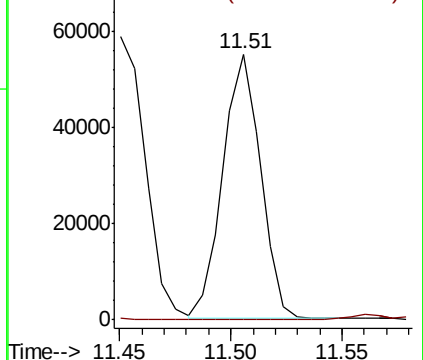
91 100

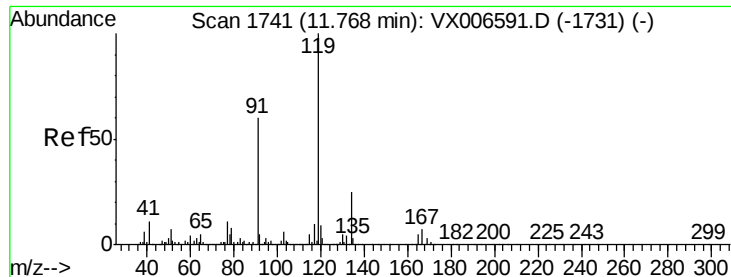
126 0.5 16.3 48.9#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 10.918 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.04 min

Lab File: VX006839.D

Acq: 27 Dec 2018 13:49

Instrument :

MSVOA_X

ClientSampleId :

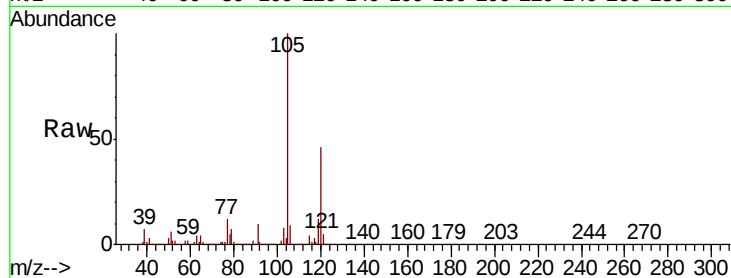
Tot Ion:119 Resp: 309203

Ion Ratio Lower Upper

119 100

91 82.9 27.7 83.1

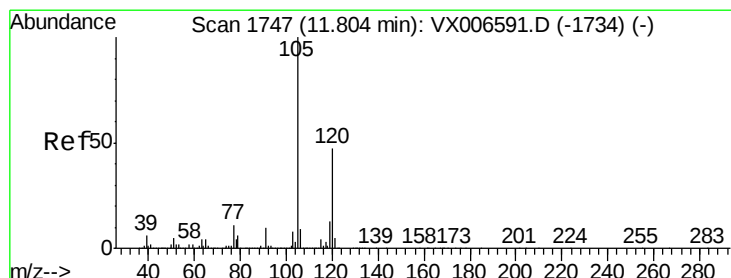
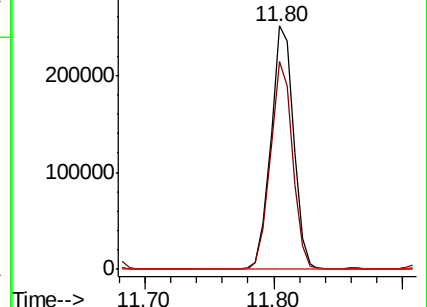
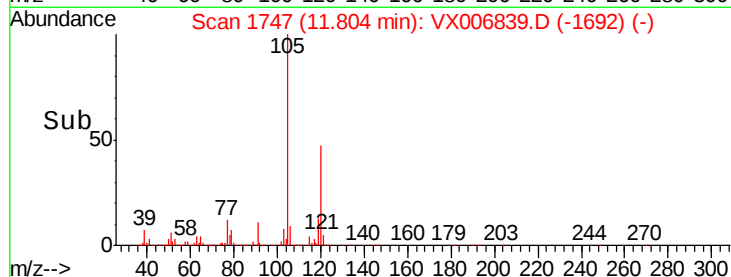
134 0.1 11.9 35.5#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 83.833 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006839.D

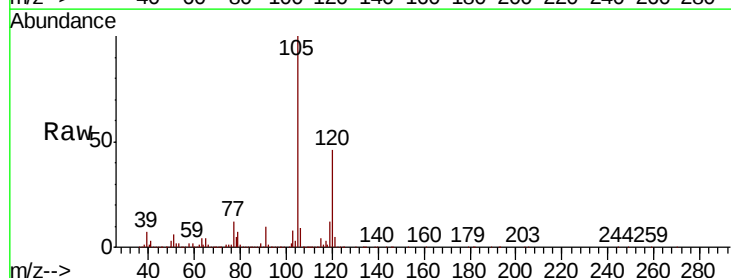
Acq: 27 Dec 2018 13:49

Tgt Ion:105 Resp: 2495184

Ion Ratio Lower Upper

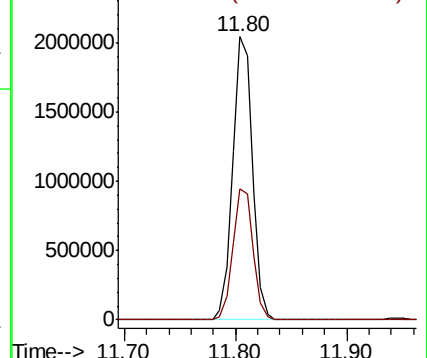
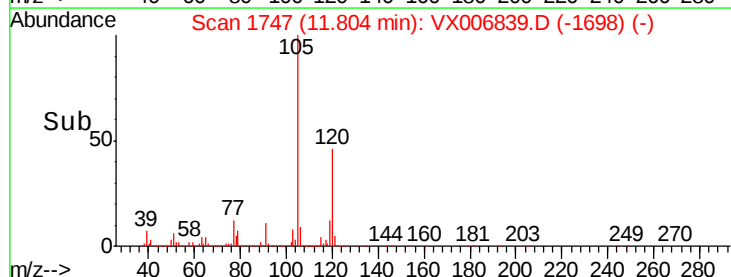
105 100

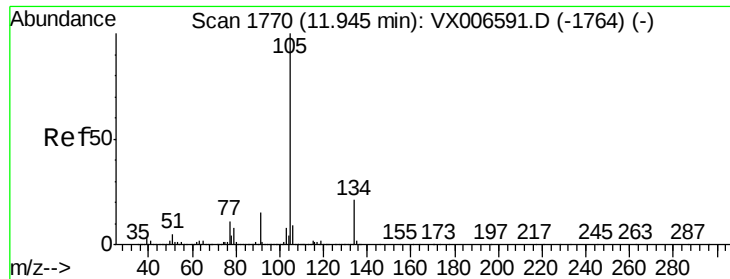
120 47.1 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 71.860 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX006839.D

Acq: 27 Dec 2018 13:49

Instrument :

MSVOA_X

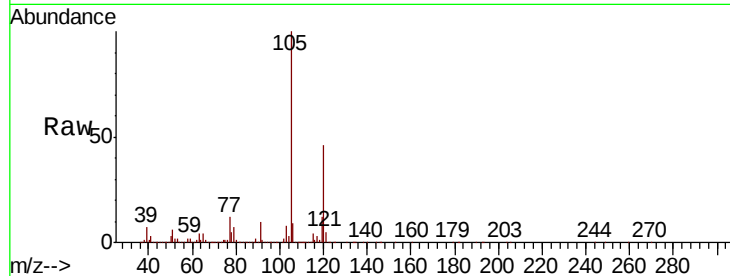
ClientSampleId :

Tot Ion:105 Resp: 2495184

Ion Ratio Lower Upper

105 100

134 0.0 10.7 31.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

2000000

1500000

1000000

500000

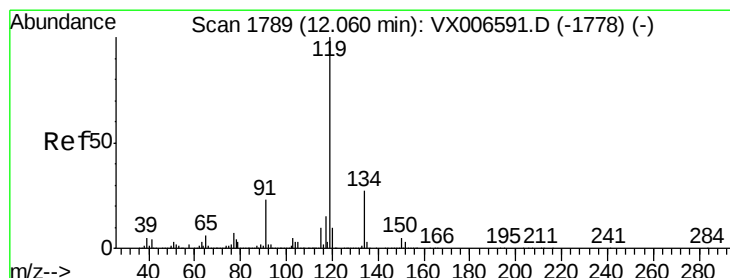
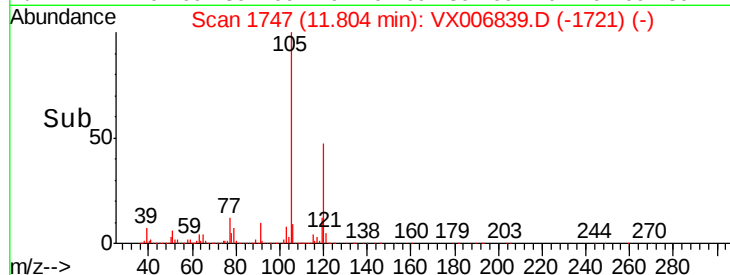
0

11.80

11.70

11.90

Time-->



#86

p-Isopropyltoluene

Concen: 1.076 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.04 min

Lab File: VX006839.D

Acq: 27 Dec 2018 13:49

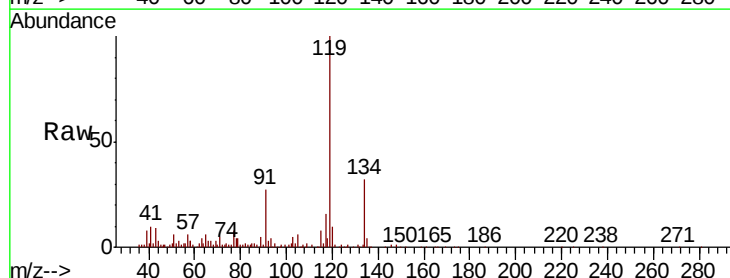
Tgt Ion:119 Resp: 32851

Ion Ratio Lower Upper

119 100

134 30.5 14.0 41.9

91 27.1 11.3 33.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

30000

20000

10000

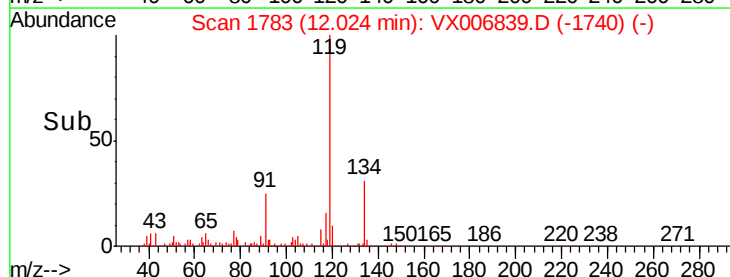
0

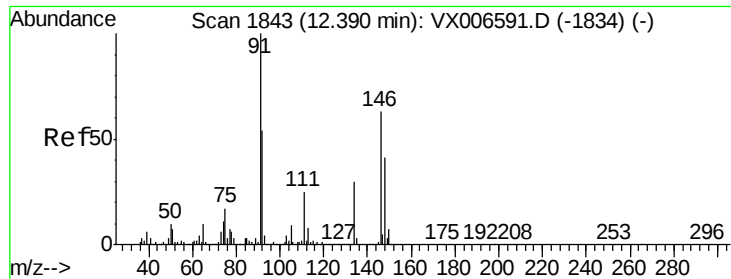
12.02

11.95

12.05

Time-->

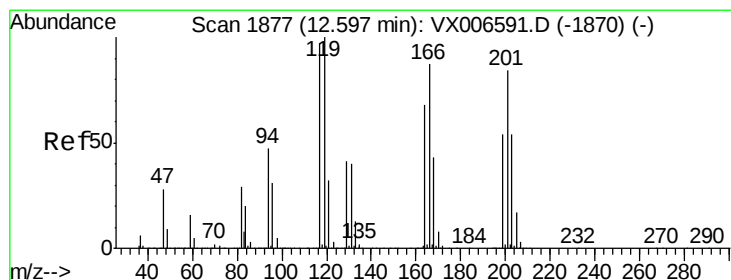
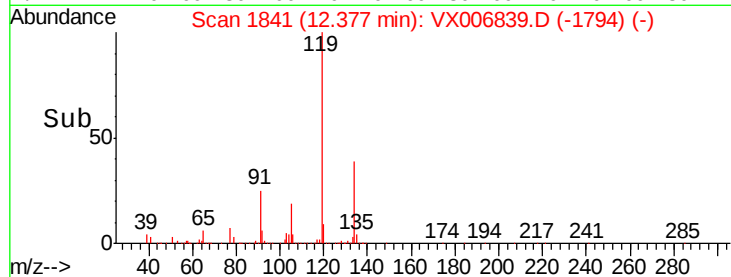
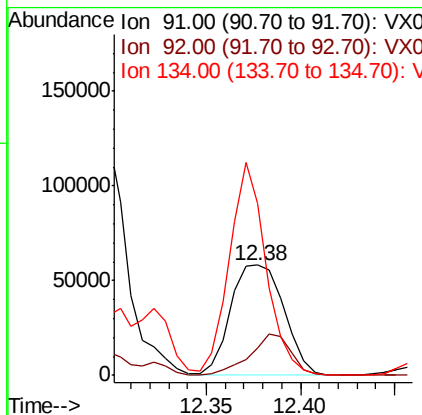
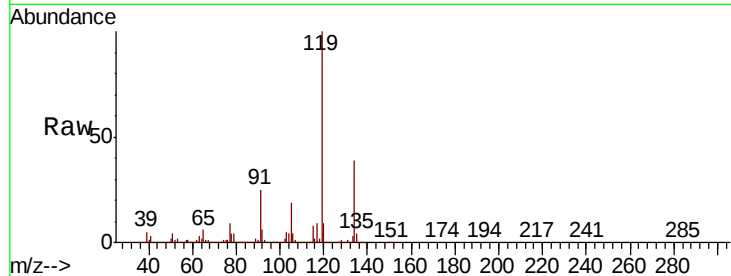




#89
n-Butylbenzene
Concen: 4.367 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX006839.D
Acq: 27 Dec 2018 13:49

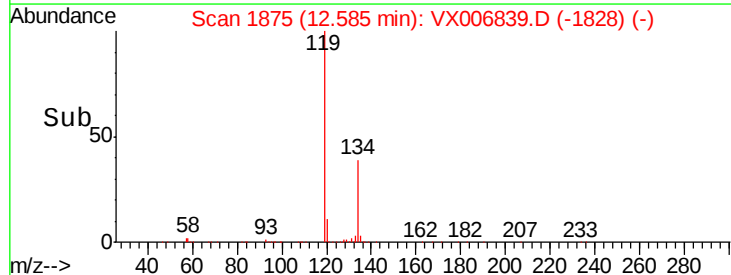
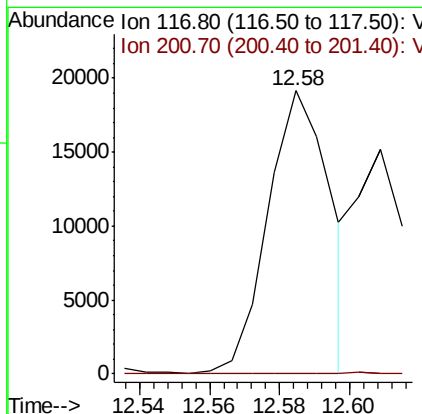
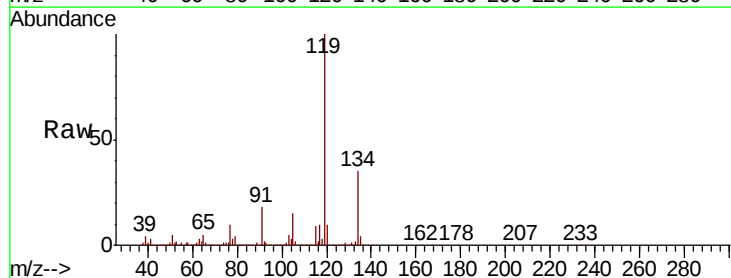
Instrument :
MSVOA_X
ClientSampleId :

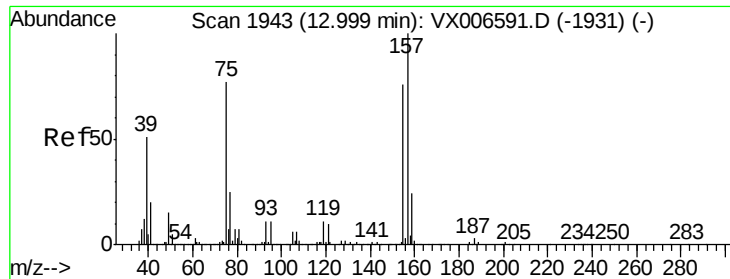
Tot Ion: 91 Resp: 113428
Ion Ratio Lower Upper
91 100
92 28.7 26.8 80.4
134 132.9 14.4 43.2#



#90
Hexachloroethane
Concen: 7.931 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX006839.D
Acq: 27 Dec 2018 13:49

Tgt Ion: 117 Resp: 23717
Ion Ratio Lower Upper
117 100
201 0.3 42.9 128.7#

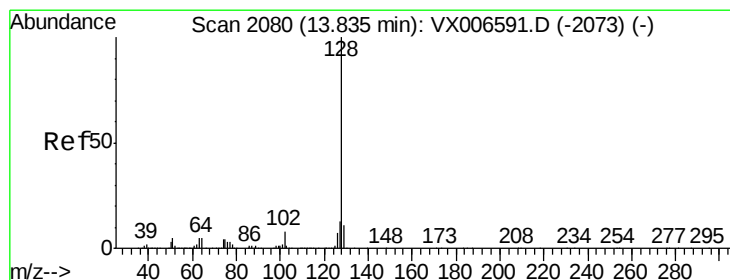
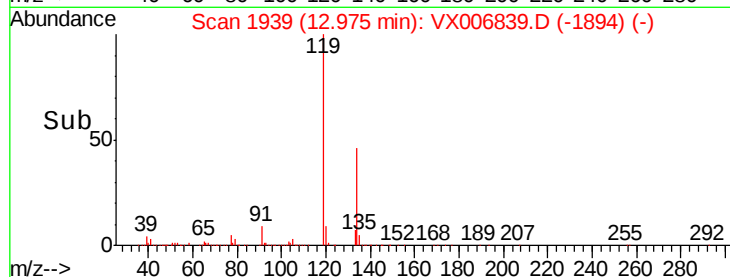
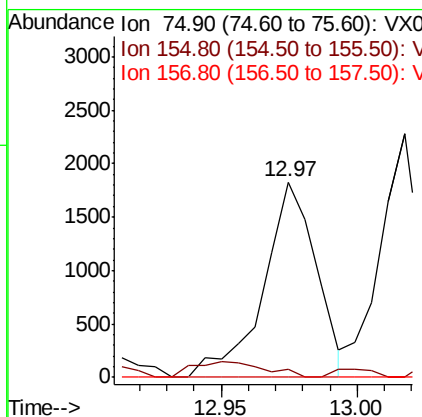
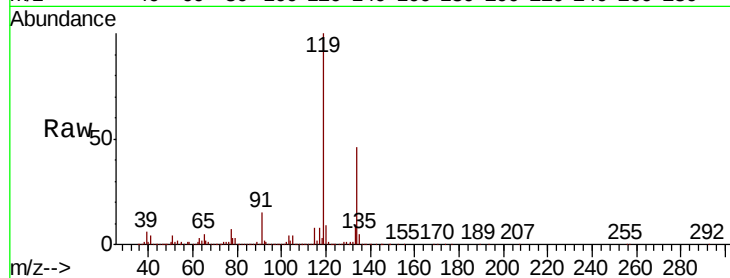




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.166 ug/l
 RT: 12.97 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: VX006839.D
 Acq: 27 Dec 2018 13:49

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 2464
 Ion Ratio Lower Upper
 75 100
 155 3.2 50.6 151.8#
 157 0.0 64.6 193.8#



#95
 Naphthalene
 Concen: 60.524 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX006839.D
 Acq: 27 Dec 2018 13:49

Tgt Ion:128 Resp: 2231257
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.1 15.1
 129 11.1 8.6 13.0

