

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122718\
 Data File : VX006845.D
 Acq On : 27 Dec 2018 16:29
 Operator : JC/MD
 Sample : J6571-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 28 03:21:52 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	674792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1005902	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	927090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	471586	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	337984	46.47	ug/l	0.00
Spiked Amount			Recovery	=	92.94%	
35) Dibromofluoromethane	5.50	113	296571	46.62	ug/l	0.00
Spiked Amount			Recovery	=	93.24%	
50) Toluene-d8	8.71	98	1190544	49.64	ug/l	0.00
Spiked Amount			Recovery	=	99.28%	
62) 4-Bromofluorobenzene	11.13	95	439665	50.06	ug/l	0.00
Spiked Amount			Recovery	=	100.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	1288	Below Cal	#	66
11) Tert butyl alcohol	3.01	59	13275	8.179	ug/l #	74
13) Acrolein	2.29	56	3467	3.166	ug/l	100
14) Allyl chloride	2.72	41	2633	0.259	ug/l #	41
15) Acrylonitrile	3.17	53	990	0.275	ug/l #	31
16) Acetone	2.45	43	464318	138.965	ug/l	99
17) Carbon Disulfide	2.57	76	15717	0.985	ug/l #	92
18) Methyl Acetate	2.78	43	23754	2.418	ug/l	92
20) Methylene Chloride	2.85	84	12278	1.777	ug/l	92
25) 2-Butanone	4.70	43	15778	3.357	ug/l	90
28) Bromochloromethane	5.03	49	499	Below Cal	#	24
29) Tetrahydrofuran	5.15	42	1936	0.625	ug/l #	34
36) 1,1-Dichloropropene	5.66	75	40993	4.920	ug/l #	50
38) Carbon Tetrachloride	5.65	117	59596	7.361	ug/l #	14
39) Methylcyclohexane	7.46	83	4839	0.441	ug/l #	80
40) Benzene	6.15	78	5216	0.206	ug/l	99
43) Isopropyl Acetate	6.46	43	32168	2.438	ug/l	97
48) Methyl methacrylate	7.68	41	22914	3.415	ug/l #	22
49) 1,4-Dioxane	7.74	88	49	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.62	43	178481	21.261	ug/l #	36
52) Toluene	8.79	92	500721	30.606	ug/l	100
54) cis-1,3-Dichloropropene	8.62	75	70023	7.907	ug/l #	64
57) 1,3-Dichloropropane	9.54	76	16910	1.570	ug/l #	46
59) 2-Hexanone	9.54	43	207908	32.369	ug/l #	53
60) Dibromochloromethane	9.52	129	65	2.333	ug/l	89
67) Ethyl Benzene	10.25	91	227262	7.091	ug/l	99
68) m/p-Xylenes	10.36	106	384579	30.409	ug/l	99
69) o-Xylene	10.69	106	265562	21.265	ug/l	98
70) Styrene	10.69	104	13860	0.702	ug/l #	1
73) Isopropylbenzene	11.02	105	48576	1.506	ug/l	99
74) N-amyl acetate	10.91	43	5253	0.455	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	205539	23.453	ug/l #	40
78) n-propylbenzene	11.36	91	119893	3.375	ug/l	98
79) 2-Chlorotoluene	11.43	91	64079	2.976	ug/l #	38

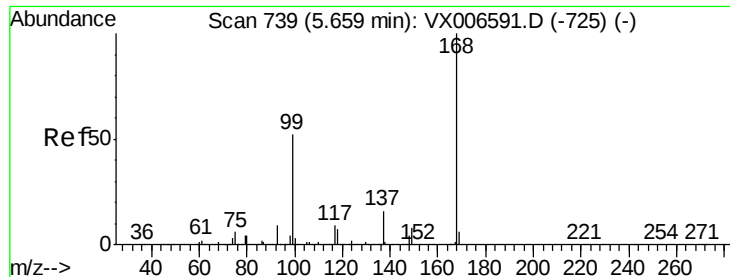
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122718\
 Data File : VX006845.D
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Quant Time: Dec 28 03:21:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.51	105	149624	5.631	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	205539	69.564	ug/l #	10
82) 4-Chlorotoluene	11.51	91	16144	0.654	ug/l #	46
83) tert-Butylbenzene	11.80	119	84447	3.175	ug/l #	61
84) 1,2,4-Trimethylbenzene	11.80	105	678944	24.291	ug/l	99
85) sec-Butylbenzene	11.94	105	33423	1.025	ug/l	86
86) p-Isopropyltoluene	12.06	119	21497	0.750	ug/l	94
89) n-Butylbenzene	12.38	91	56742	2.326	ug/l #	33
90) Hexachloroethane	12.58	117	10461	5.472	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	13.02	75	1163	0.586	ug/l #	5
95) Naphthalene	13.83	128	468829	13.542	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006845.D

Acq: 27 Dec 2018 16:29

Instrument :

MSVOA_X

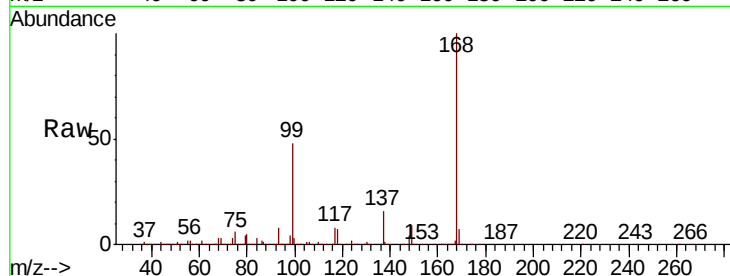
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Tot Ion:168 Resp: 674792

Ion Ratio Lower Upper

168 100

99 48.2 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): VX006591.D (-725) (-)

Ion 98.90 (98.60 to 99.60): VX006591.D (-725) (-)

5.67

250000

200000

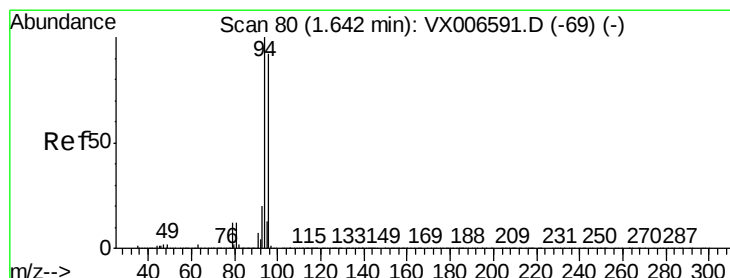
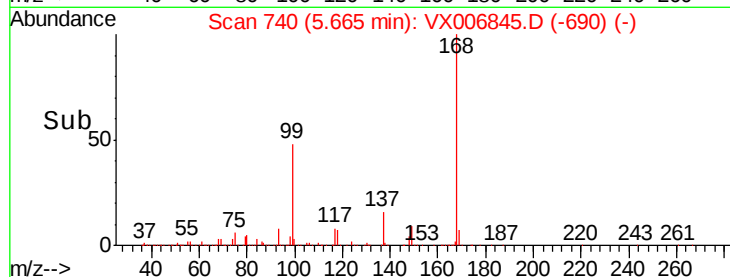
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX006845.D

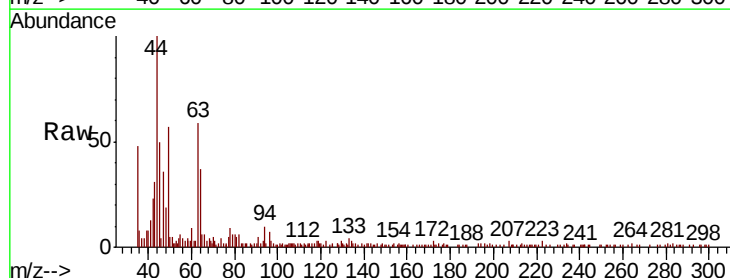
Acq: 27 Dec 2018 16:29

Tgt Ion: 94 Resp: 1288

Ion Ratio Lower Upper

94 100

96 59.7 73.4 110.2#



Abundance Ion 93.90 (93.60 to 94.60): VX006591.D (-69) (-)

Ion 95.90 (95.60 to 96.60): VX006591.D (-69) (-)

1.65

1000

800

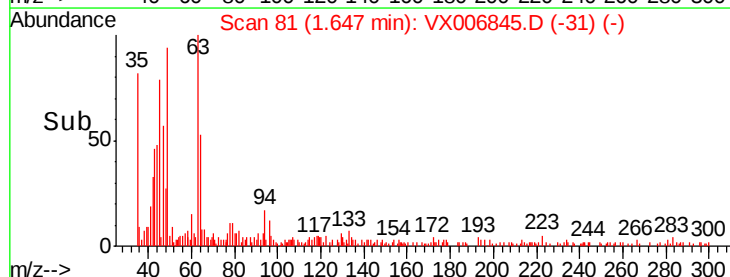
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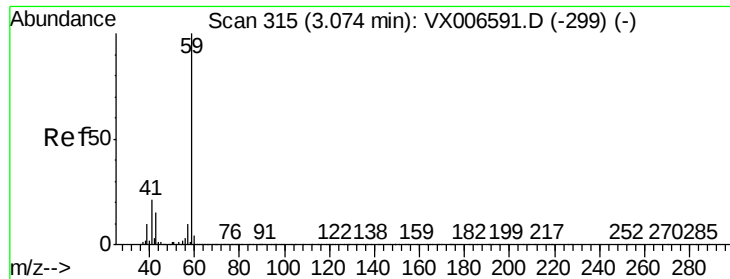
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200

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Time-->



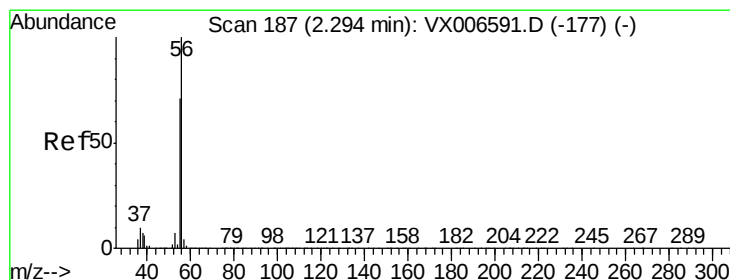
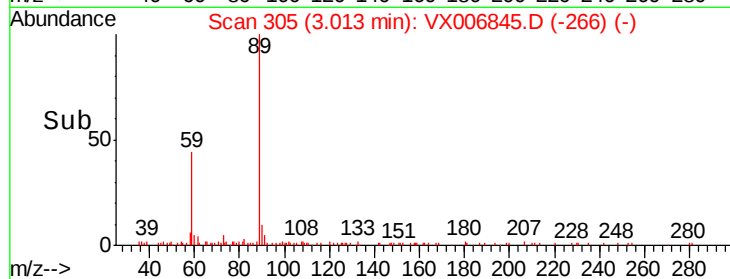
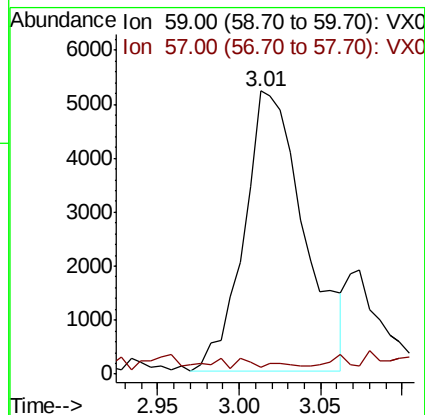
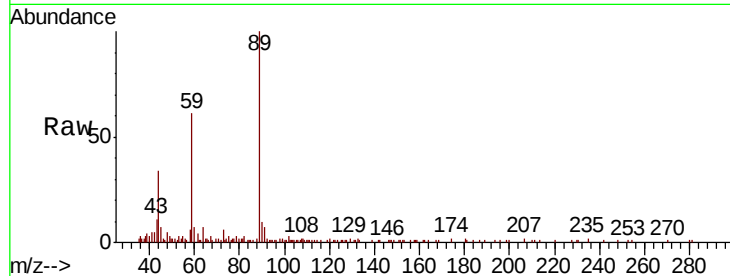


#11

Tert butyl alcohol
Concen: 8.179 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.06 min
Lab File: VX006845.D
Acq: 27 Dec 2018 16:29

Instrument :
MSVOA_X
ClientSampleId :

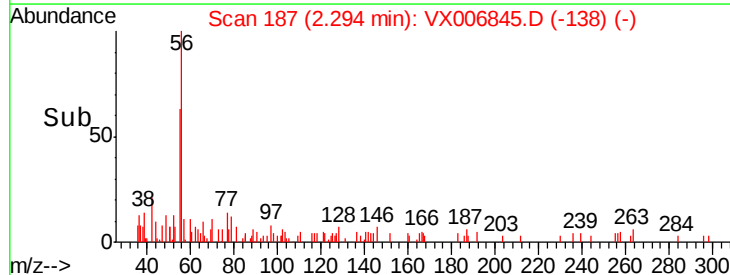
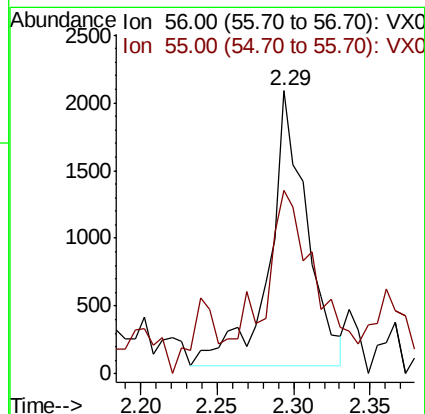
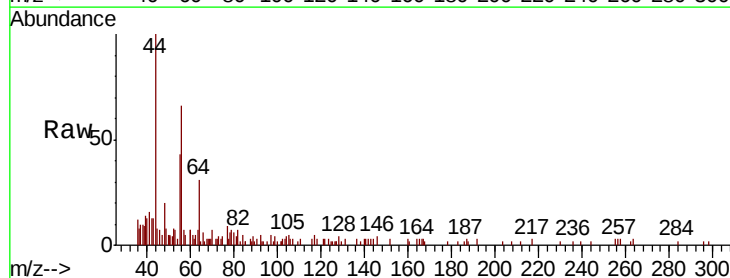
Tot Ion: 59 Resp: 13275
Ion Ratio Lower Upper
59 100
57 0.7 8.5 12.7#

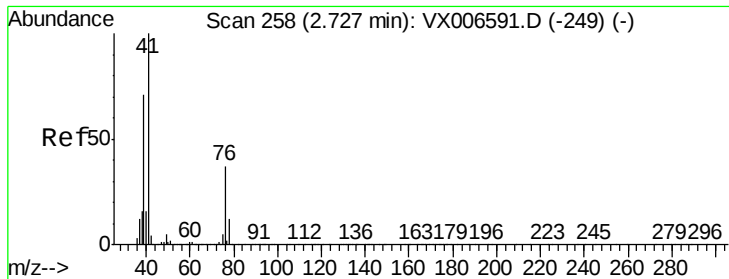


#13

Acrolein
Concen: 3.166 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX006845.D
Acq: 27 Dec 2018 16:29

Tgt Ion: 56 Resp: 3467
Ion Ratio Lower Upper
56 100
55 73.2 58.2 87.4





#14

Allvl chloride

Concen: 0.259 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX006845.D

Acq: 27 Dec 2018 16:29

Instrument :

MSVOA_X

ClientSampleId :

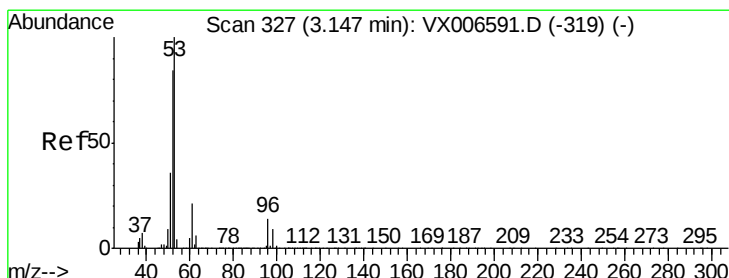
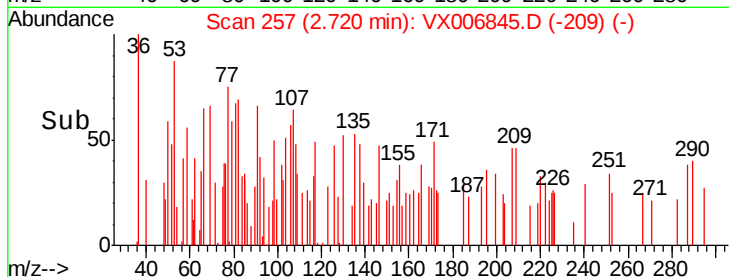
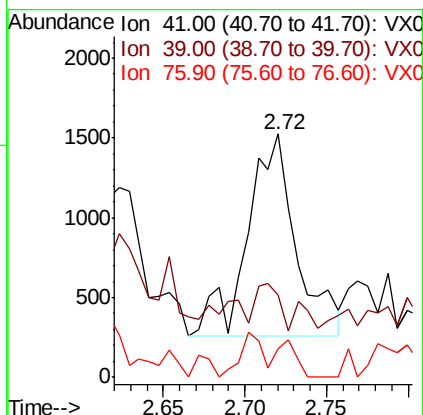
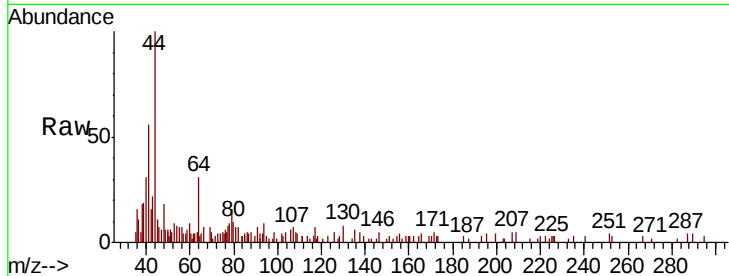
Tot Ion: 41 Resp: 2633

Ion Ratio Lower Upper

41 100

39 20.5 53.6 80.4#

76 0.0 27.4 41.2#



#15

Acrylonitrile

Concen: 0.275 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.02 min

Lab File: VX006845.D

Acq: 27 Dec 2018 16:29

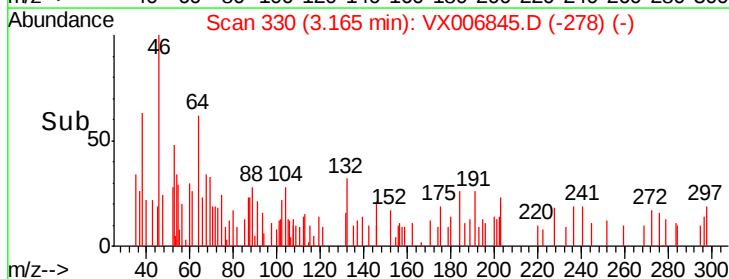
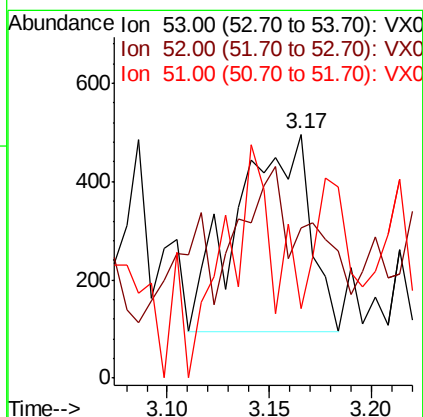
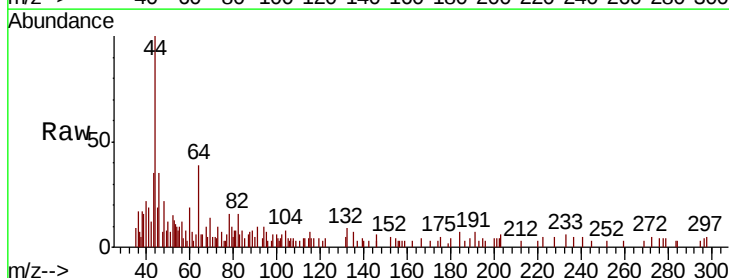
Tgt Ion: 53 Resp: 990

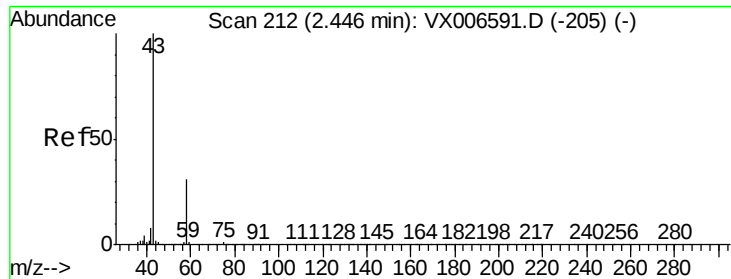
Ion Ratio Lower Upper

53 100

52 0.0 66.0 99.0#

51 27.1 28.6 42.8#

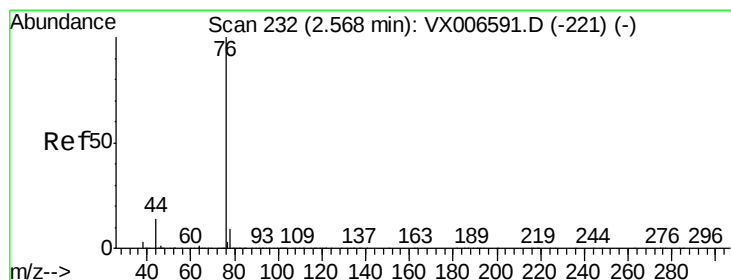
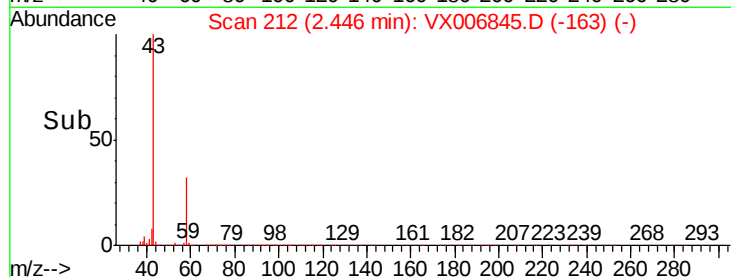
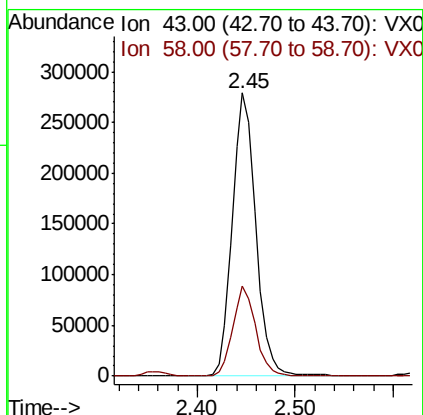
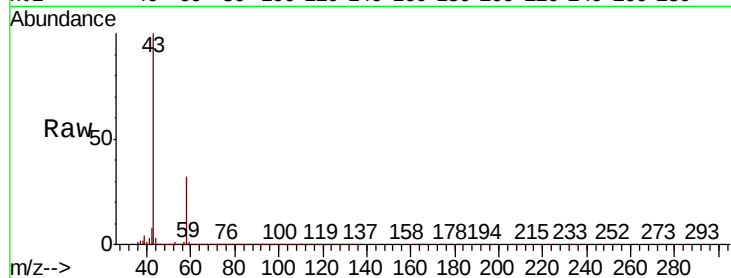




#16
Acetone
Concen: 138.965 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006845.D
Acq: 27 Dec 2018 16:29

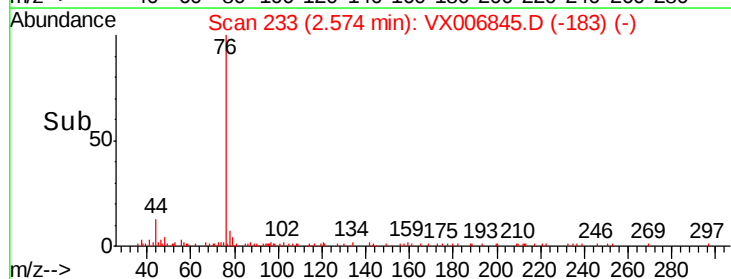
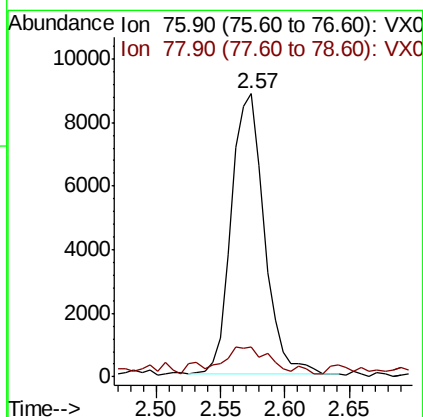
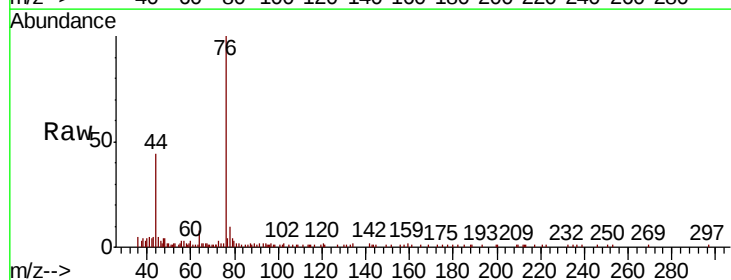
Instrument :
MSVOA_X
ClientSampleId :

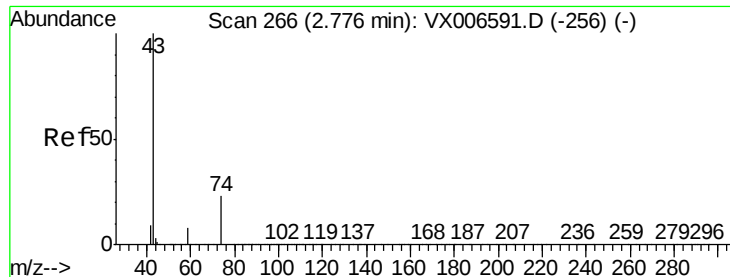
Tot Ion: 43 Resp: 464318
Ion Ratio Lower Upper
43 100
58 31.7 25.0 37.6



#17
Carbon Disulfide
Concen: 0.985 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX006845.D
Acq: 27 Dec 2018 16:29

Tgt Ion: 76 Resp: 15717
Ion Ratio Lower Upper
76 100
78 6.0 7.0 10.6#

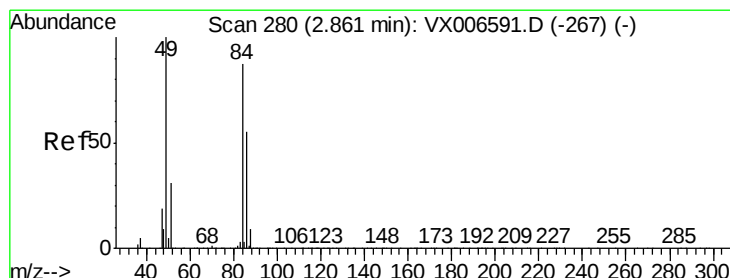
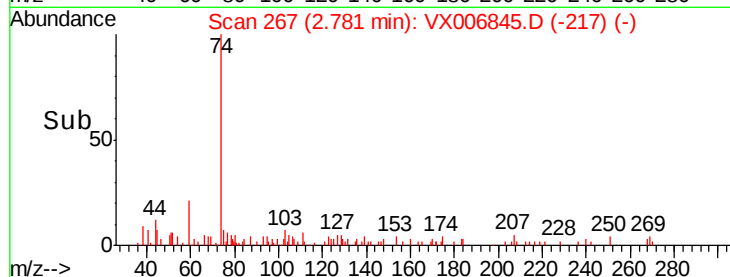
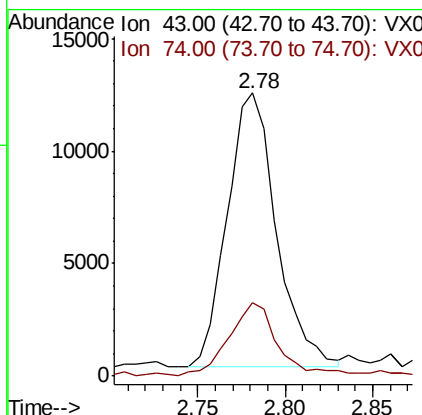
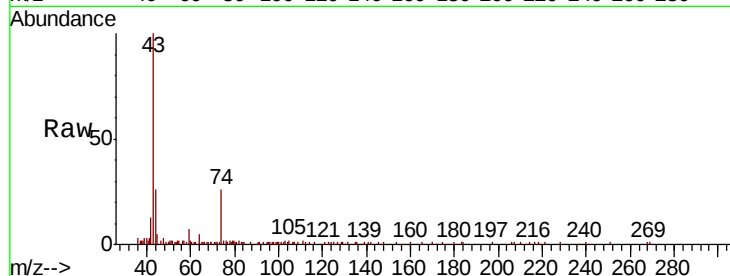




#18
Methvl Acetate
Concen: 2.418 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006845.D
Acq: 27 Dec 2018 16:29

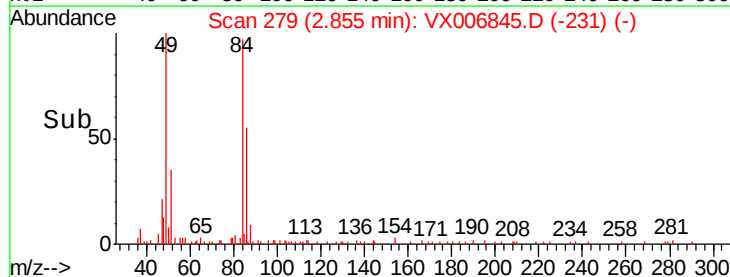
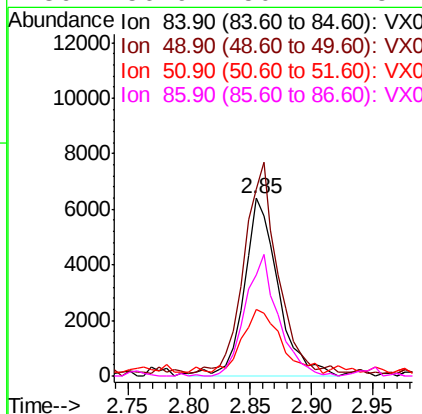
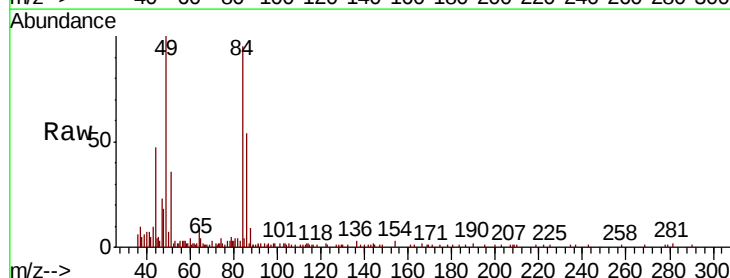
Instrument :
MSVOA_X
ClientSampled :

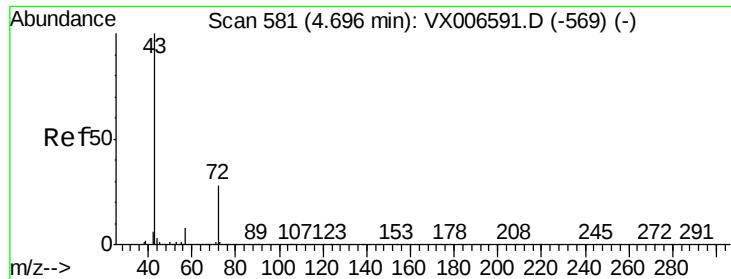
Tot Ion: 43 Resp: 23754
Ion Ratio Lower Upper
43 100
74 27.0 18.6 28.0



#20
Methylene Chloride
Concen: 1.777 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006845.D
Acq: 27 Dec 2018 16:29

Tgt Ion: 84 Resp: 12278
Ion Ratio Lower Upper
84 100
49 103.8 91.8 137.6
51 35.5 28.5 42.7
86 56.9 50.2 75.2

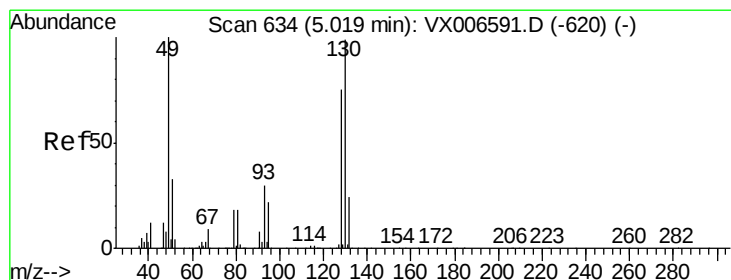
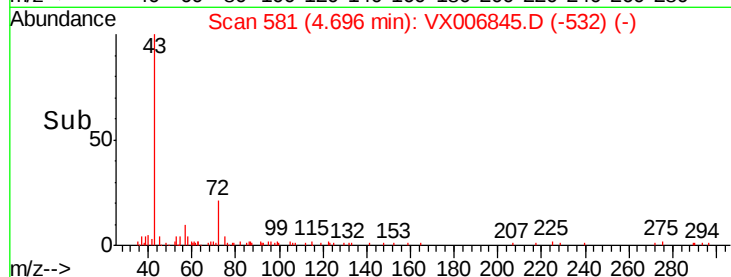
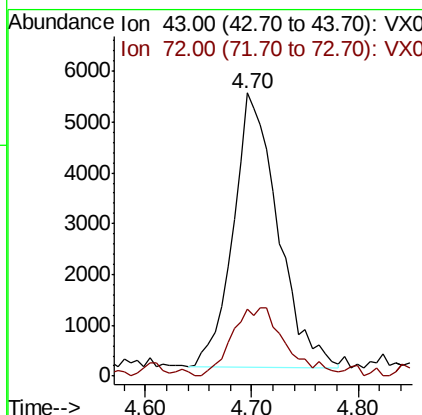
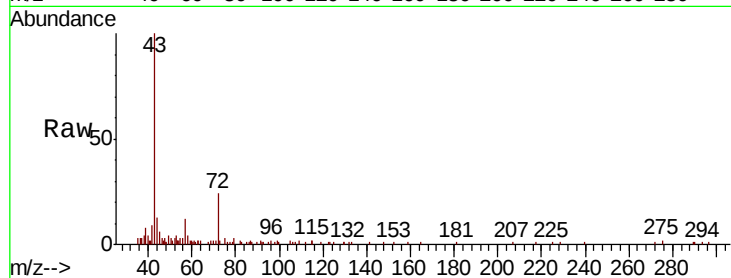




#25
2-Butanone
Concen: 3.357 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.00 min
Lab File: VX006845.D
Acq: 27 Dec 2018 16:29

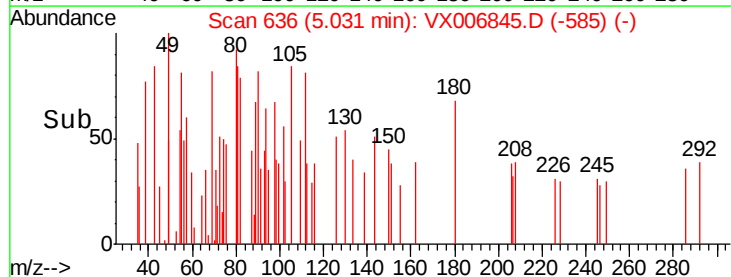
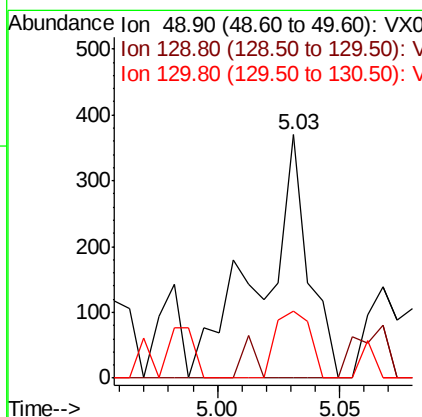
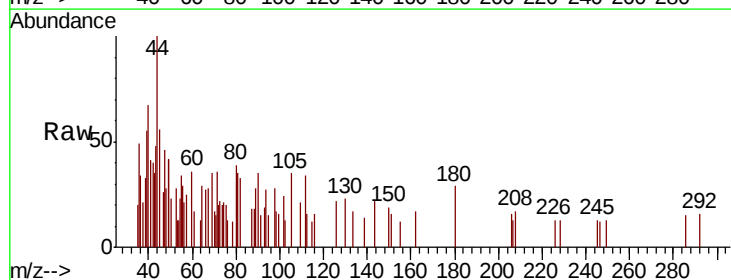
Instrument :
MSVOA_X
ClientSampleId :

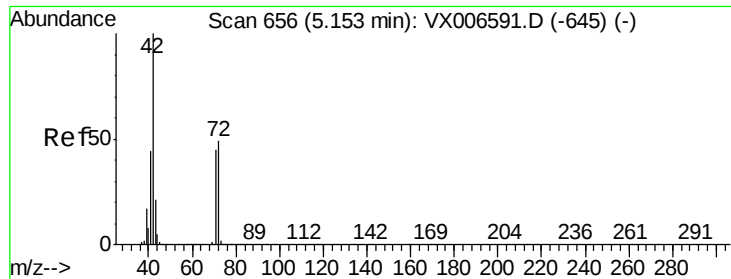
Tot Ion: 43 Resp: 15778
Ion Ratio Lower Upper
43 100
72 22.8 22.4 33.6



#28
Bromochloromethane
Concen: Below Cal
RT: 5.03 min Scan# 636
Delta R.T. 0.01 min
Lab File: VX006845.D
Acq: 27 Dec 2018 16:29

Tgt Ion: 49 Resp: 499
Ion Ratio Lower Upper
49 100
129 4.6 0.0 5.4
130 20.2 77.7 116.5#

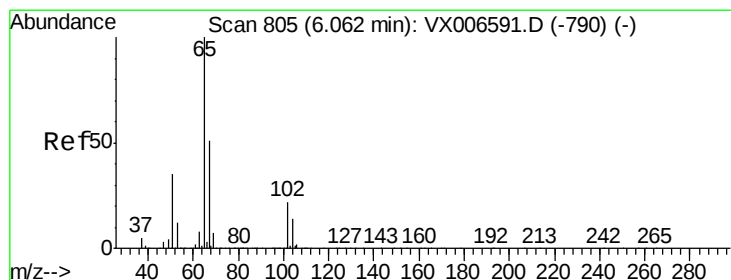
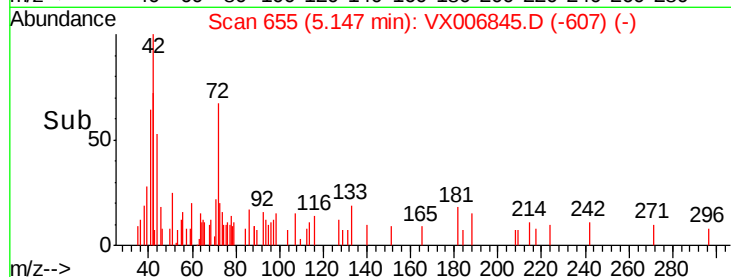
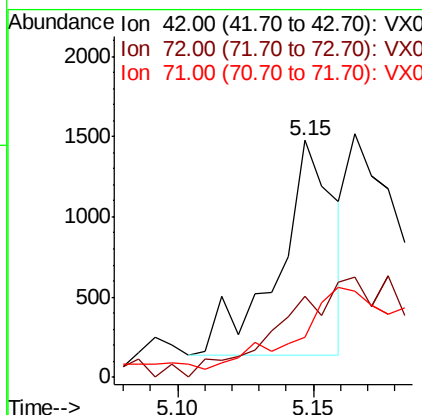
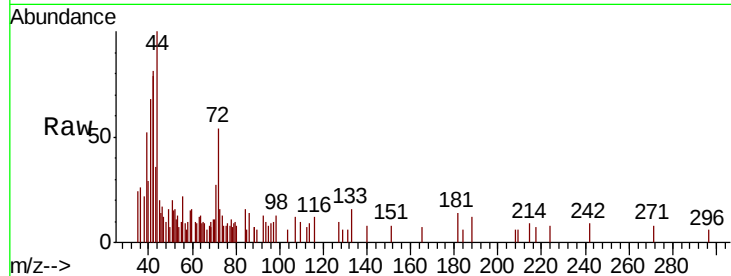




#29
Tetrahydrofuran
Concen: 0.625 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX006845.D
Acq: 27 Dec 2018 16:29

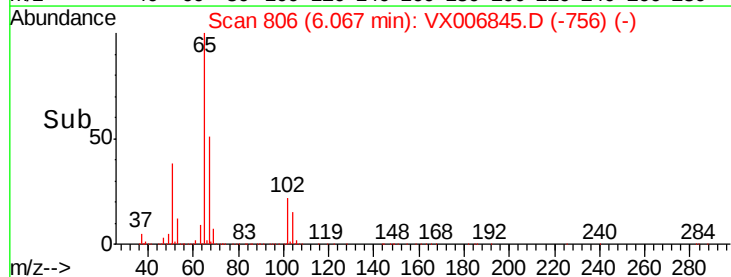
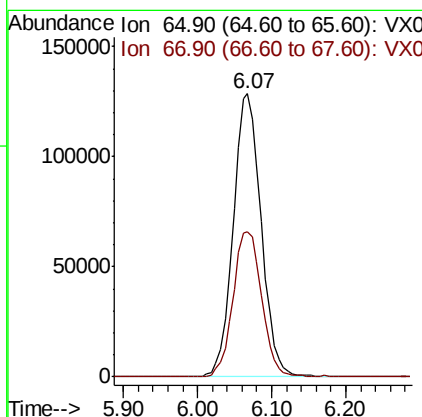
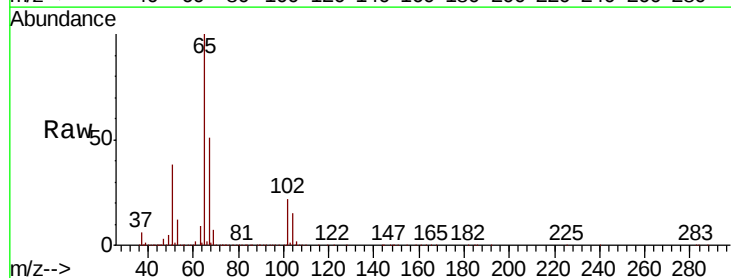
Instrument :
MSVOA_X
ClientSampleId :

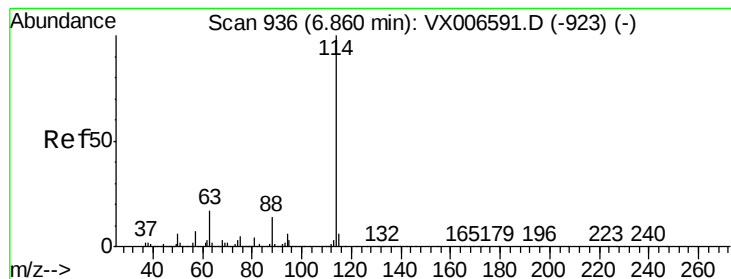
Tot Ion: 42 Resp: 1936
Ion Ratio Lower Upper
42 100
72 0.0 38.9 58.3#
71 84.1 36.2 54.4#



#33
1,2-Dichloroethane-d4
Concen: 46.474 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006845.D
Acq: 27 Dec 2018 16:29

Tgt Ion: 65 Resp: 337984
Ion Ratio Lower Upper
65 100
67 52.7 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: VX006845.D

Acq: 27 Dec 2018 16:29

Instrument :

MSVOA_X

ClientSampled :

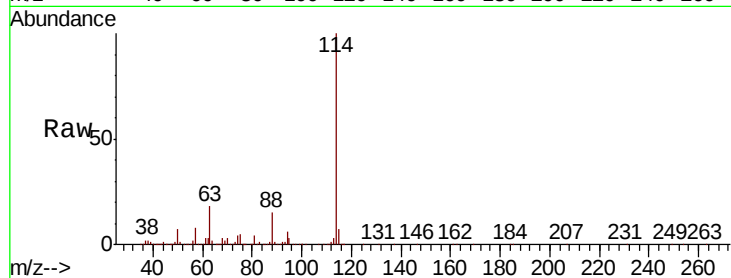
Tot Ion:114 Resp: 1005902

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.8

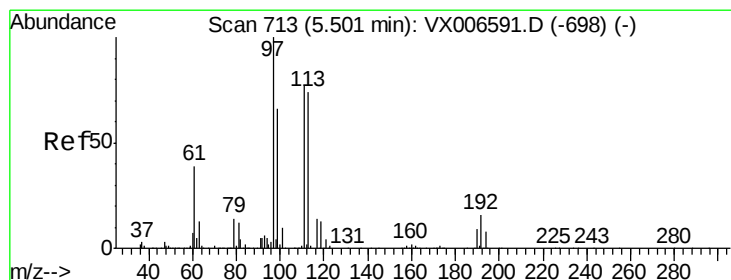
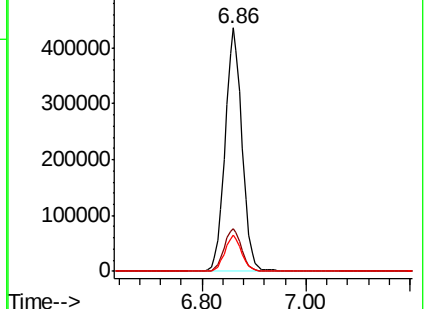
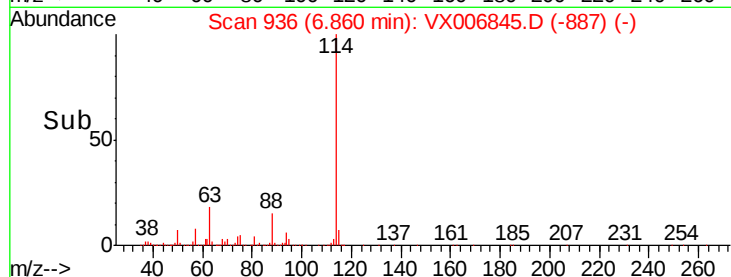
88 14.8 0.0 28.8



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: 46.622 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006845.D

Acq: 27 Dec 2018 16:29

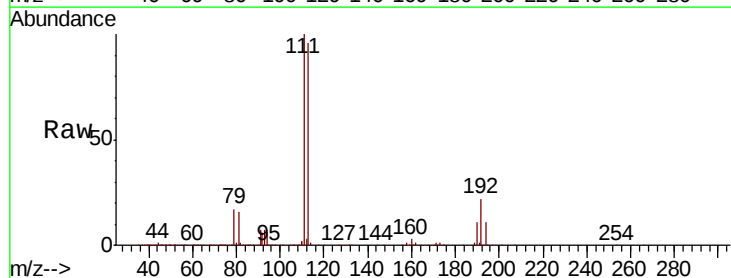
Tgt Ion:113 Resp: 296571

Ion Ratio Lower Upper

113 100

111 103.2 81.6 122.4

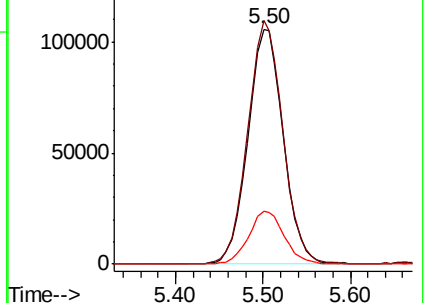
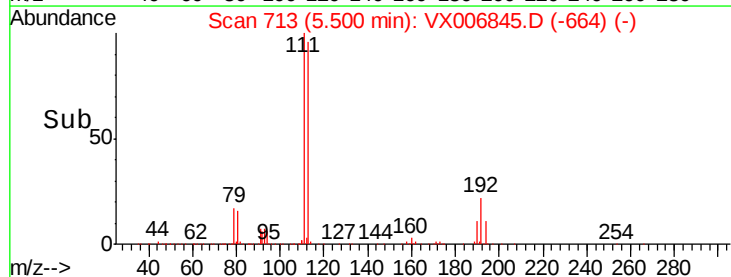
192 22.7 16.7 25.1

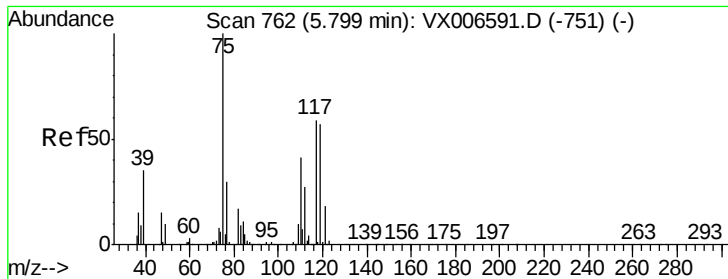


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.920 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006845.D

Acq: 27 Dec 2018 16:29

Instrument :

MSVOA_X

ClientSampleId :

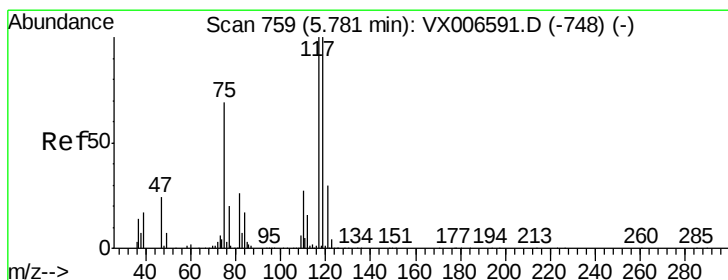
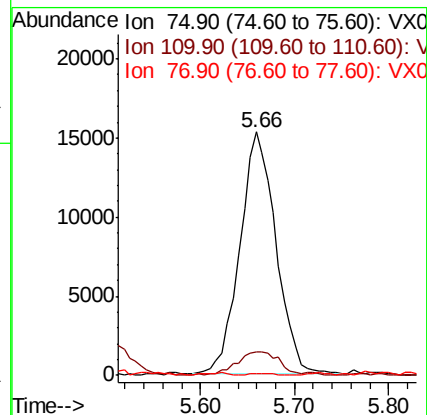
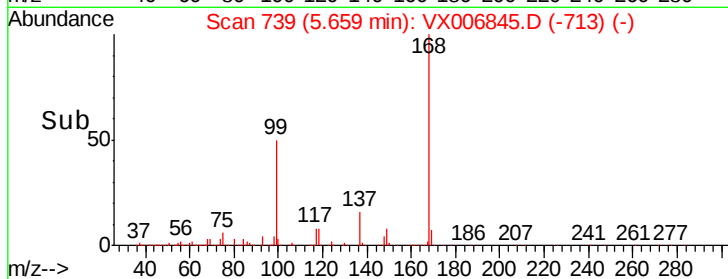
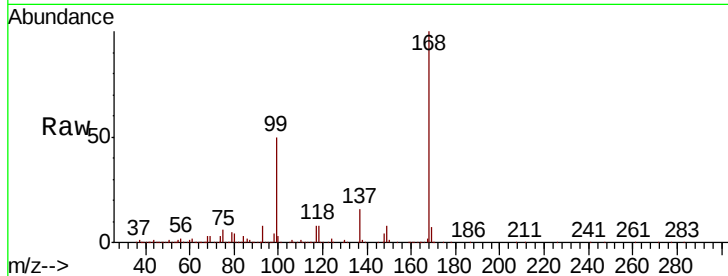
Tot Ion: 75 Resp: 40993

Ion Ratio Lower Upper

75 100

110 11.5 20.2 60.5#

77 0.5 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 7.361 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX006845.D

Acq: 27 Dec 2018 16:29

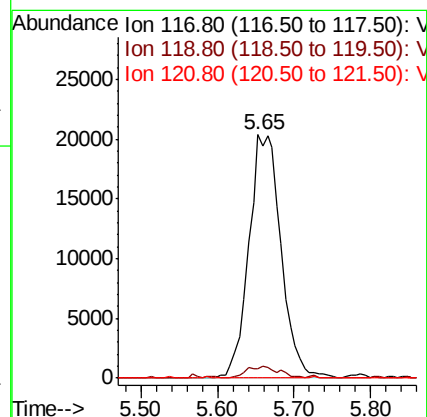
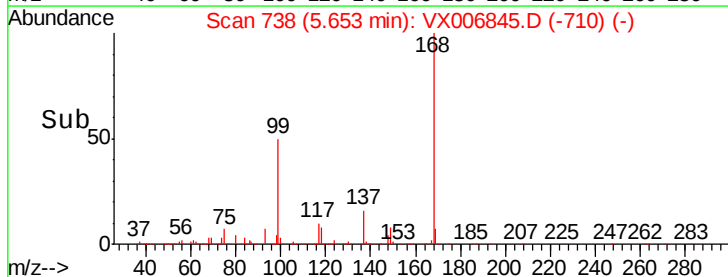
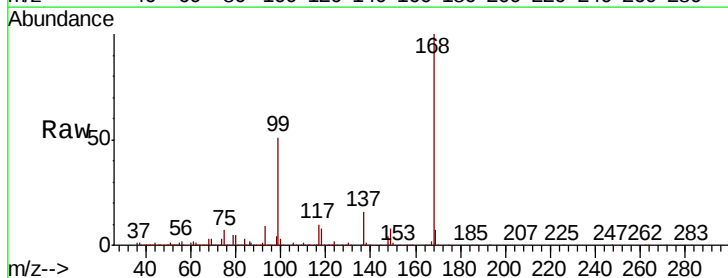
Tgt Ion: 117 Resp: 59596

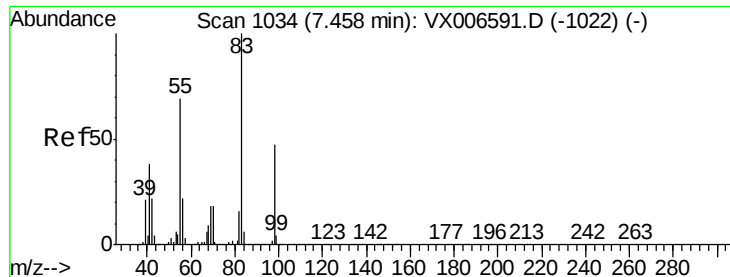
Ion Ratio Lower Upper

117 100

119 4.1 79.4 119.2#

121 0.3 24.0 36.0#

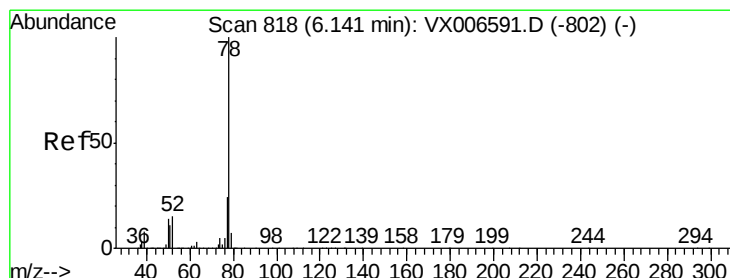
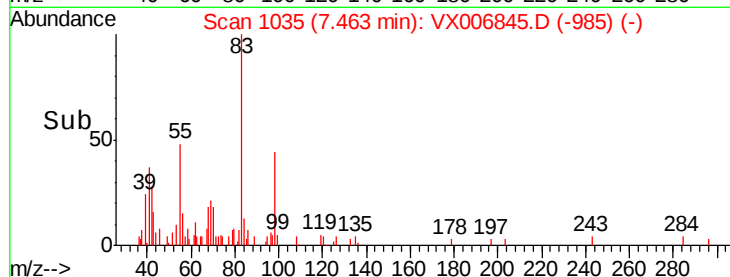
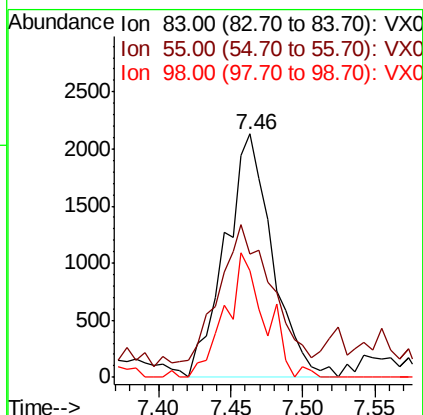
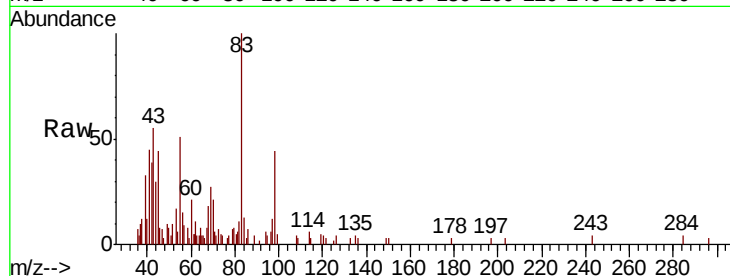




#39
Methvlcvclohexane
Concen: 0.441 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006845.D
Acq: 27 Dec 2018 16:29

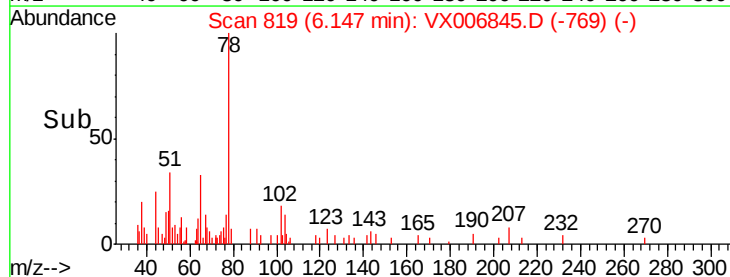
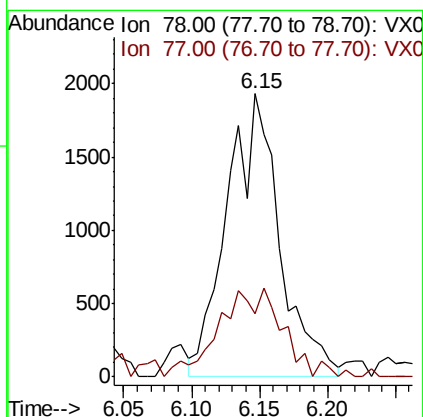
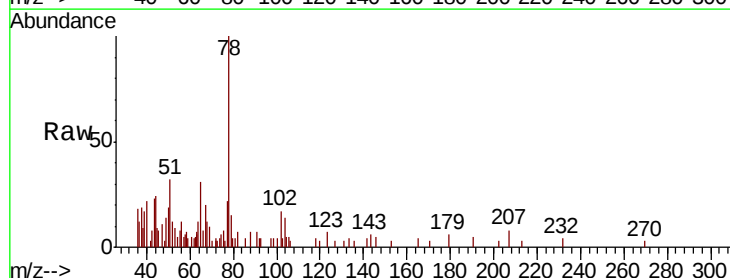
Instrument :
MSVOA_X
ClientSampled :

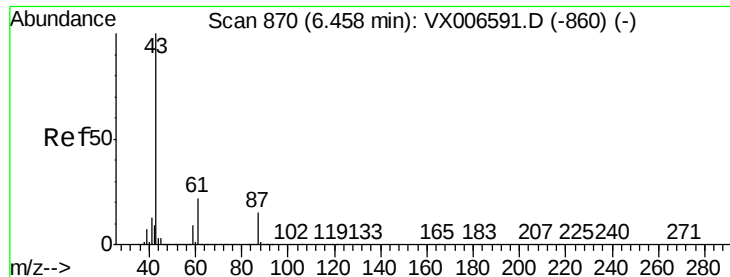
Tot Ion: 83 Resp: 4839
Ion Ratio Lower Upper
83 100
55 43.5 54.9 82.3#
98 44.0 37.9 56.9



#40
Benzene
Concen: 0.206 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006845.D
Acq: 27 Dec 2018 16:29

Tgt Ion: 78 Resp: 5216
Ion Ratio Lower Upper
78 100
77 23.5 19.2 28.8



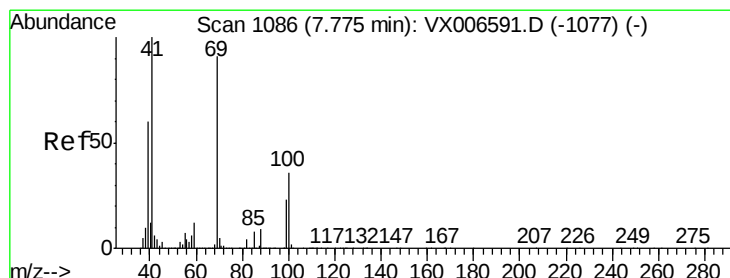
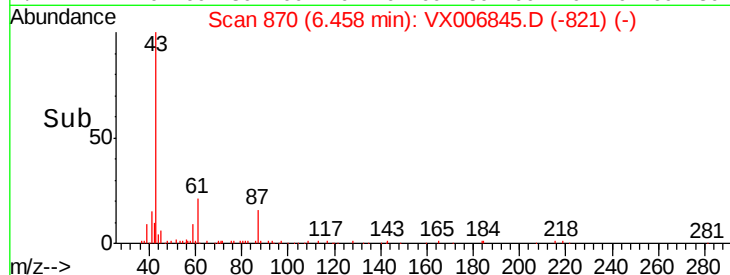
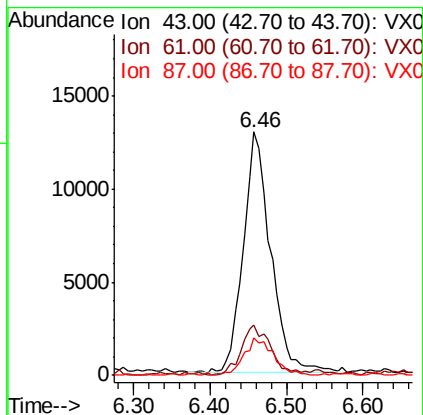
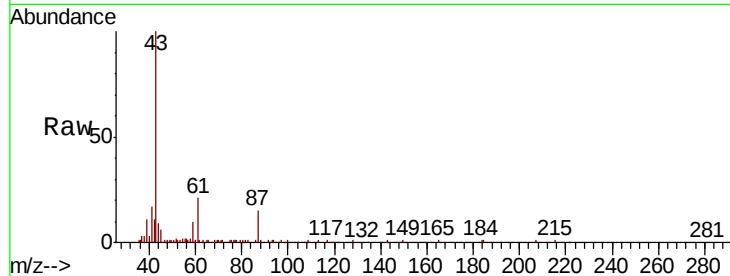


#43

Isopropyl Acetate
 Concen: 2.438 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX006845.D
 Acq: 27 Dec 2018 16:29

Instrument :
 MSVOA_X
 ClientSampleId :

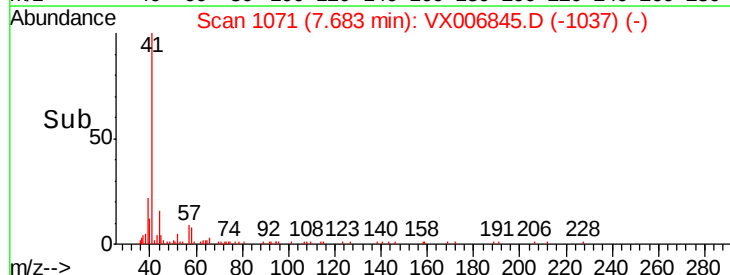
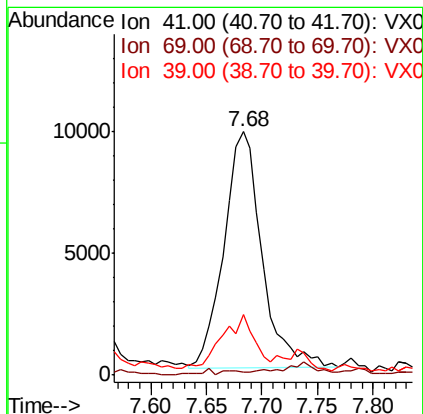
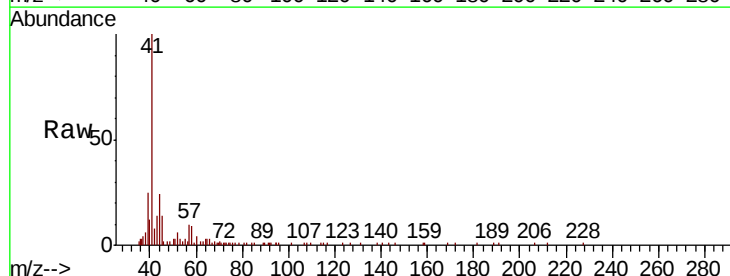
Tot Ion	Ratio	Lower	Upper
43	100		
61	22.6	16.8	25.2
87	16.6	12.4	18.6

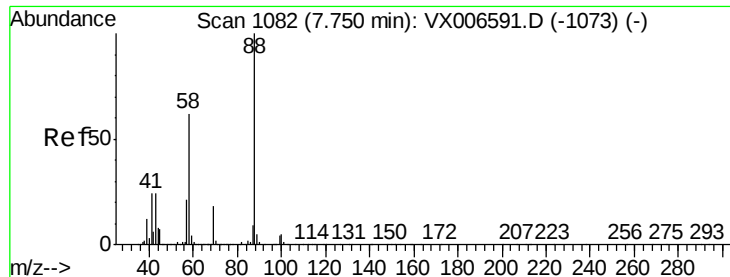


#48

Methyl methacrylate
 Concen: 3.415 ug/l
 RT: 7.68 min Scan# 1071
 Delta R.T. -0.09 min
 Lab File: VX006845.D
 Acq: 27 Dec 2018 16:29

Tgt Ion	Ratio	Lower	Upper
41	100		
69	1.3	72.4	108.6#
39	18.9	45.8	68.8#





#49

1,4-Dioxane

Concen: Below Cal

RT: 7.74 min Scan# 1080

Delta R.T. -0.01 min

Lab File: VX006845.D

Acq: 27 Dec 2018 16:29

Instrument :

MSVOA_X

ClientSampleId :

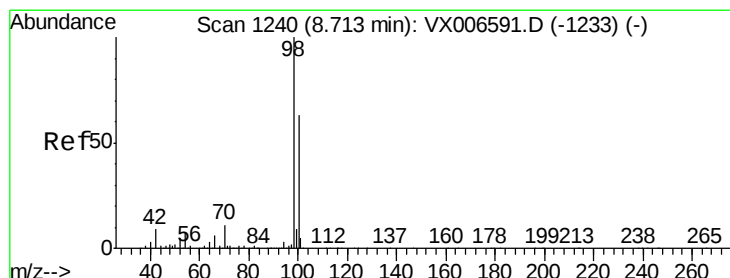
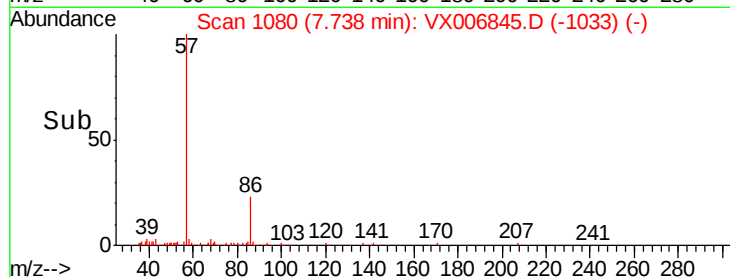
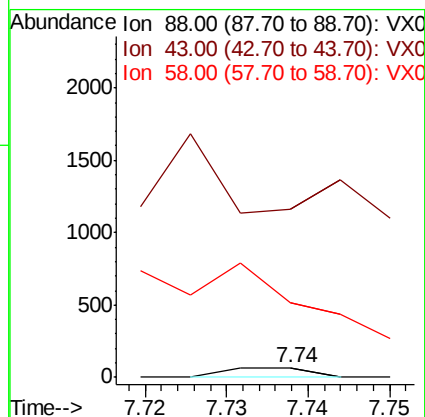
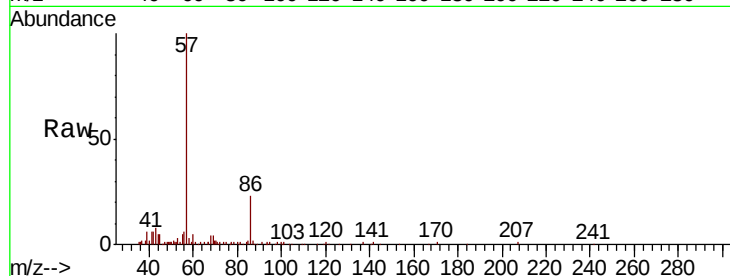
Tot Ion: 88 Resp: 49

Ion Ratio Lower Upper

88 100

43 0.0 22.2 33.4#

58 2163.3 51.0 76.4#



#50

Toluene-d8

Concen: 49.644 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006845.D

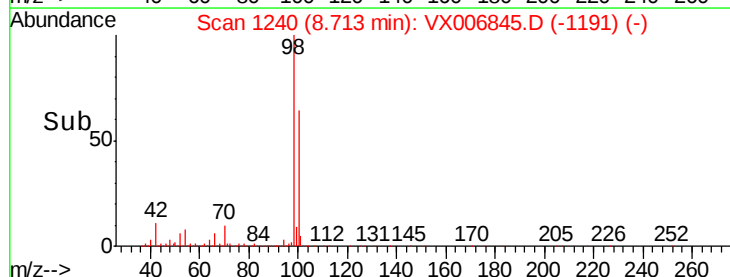
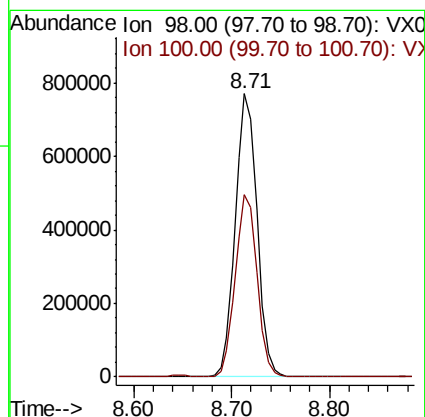
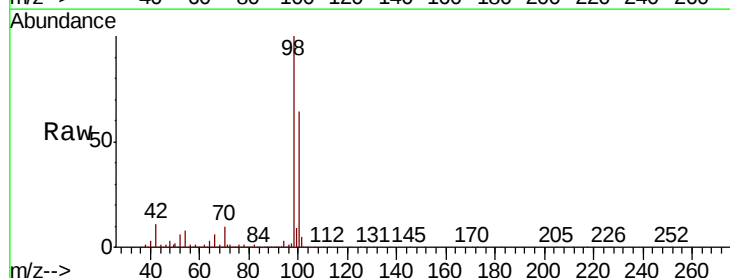
Acq: 27 Dec 2018 16:29

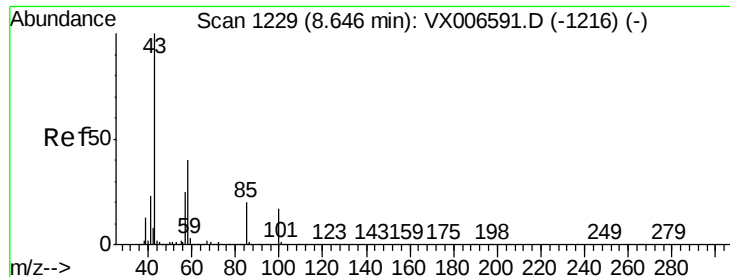
Tgt Ion: 98 Resp: 1190544

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 21.261 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.03 min

Lab File: VX006845.D

Acq: 27 Dec 2018 16:29

Instrument :

MSVOA_X

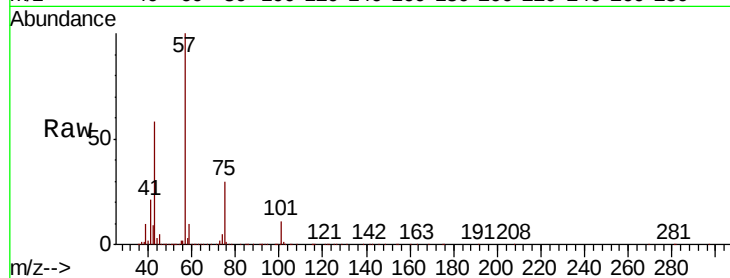
ClientSampleId :

Tot Ion: 43 Resp: 178481

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

100000

80000

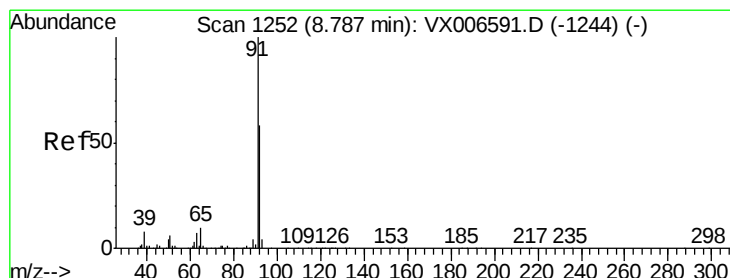
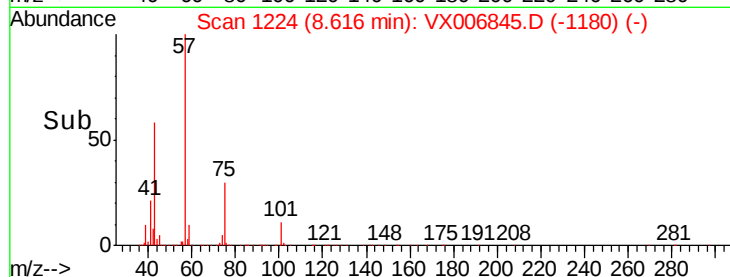
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 30.606 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006845.D

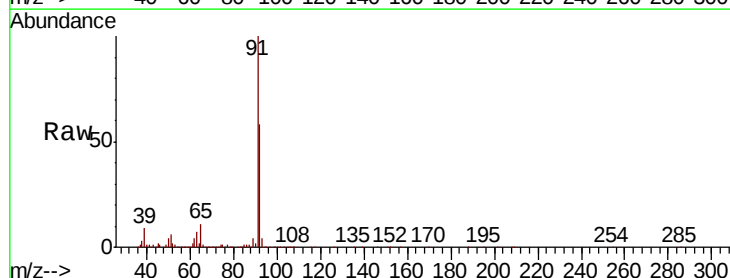
Acq: 27 Dec 2018 16:29

Tgt Ion: 92 Resp: 500721

Ion Ratio Lower Upper

92 100

91 172.4 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

600000

500000

400000

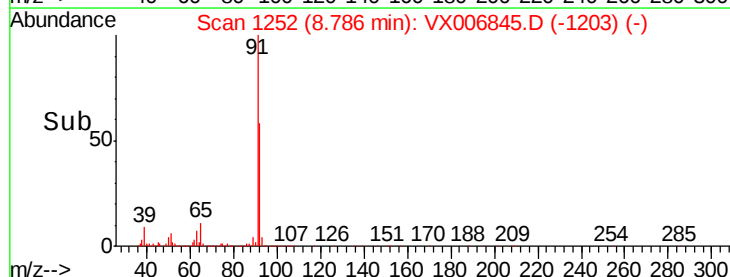
300000

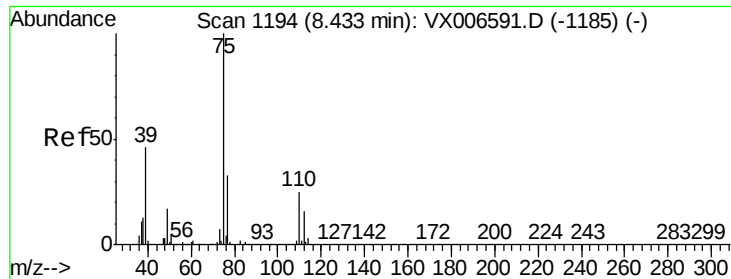
200000

100000

0

Time-->





#54

cis-1,3-Dichloropropene

Concen: 7.907 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX006845.D

Acq: 27 Dec 2018 16:29

Instrument :

MSVOA_X

ClientSampleId :

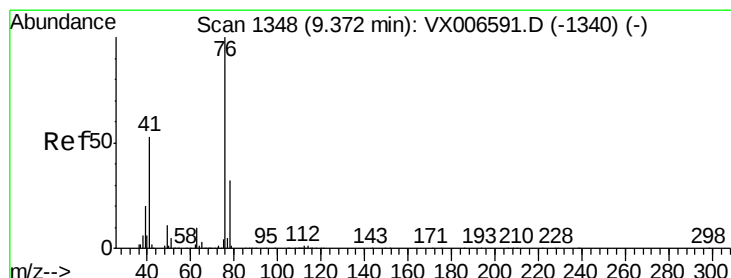
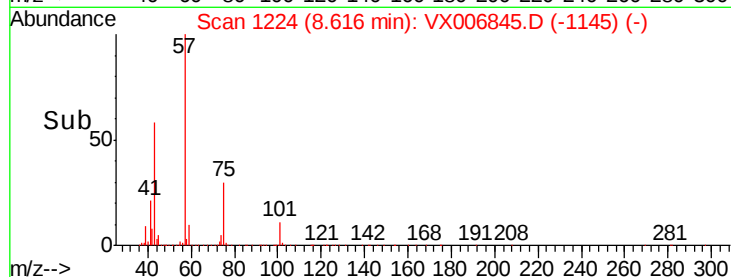
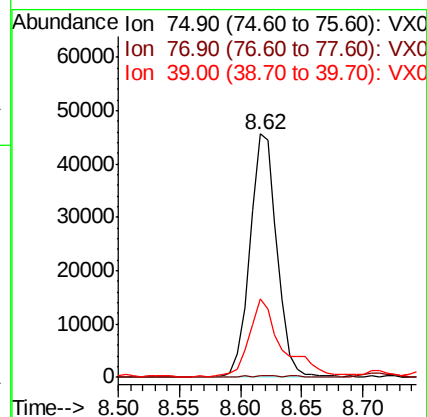
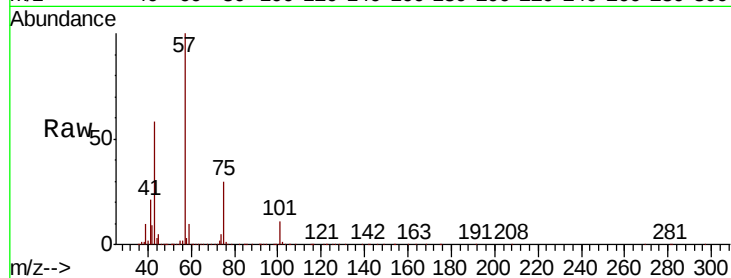
Tot Ion: 75 Resp: 70023

Ion Ratio Lower Upper

75 100

77 0.5 26.2 39.2#

39 31.8 36.7 55.1#



#57

1,3-Dichloropropane

Concen: 1.570 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX006845.D

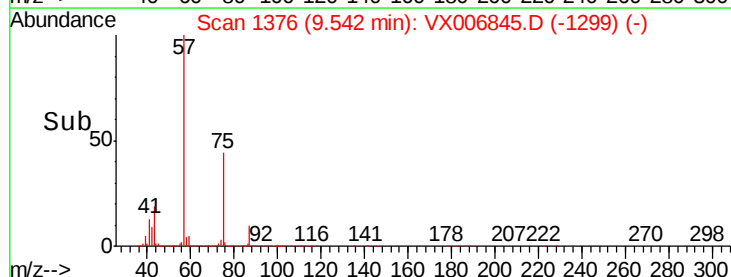
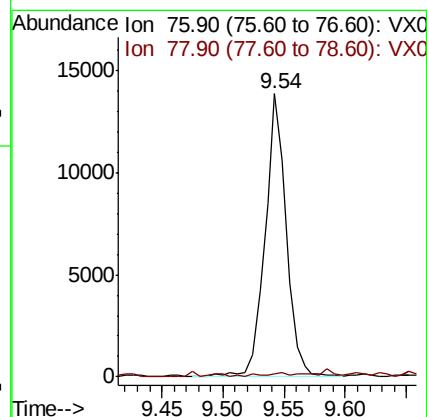
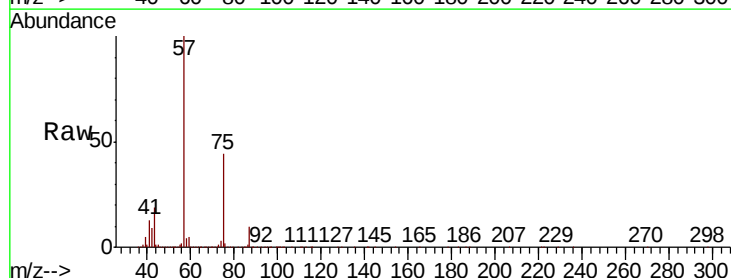
Acq: 27 Dec 2018 16:29

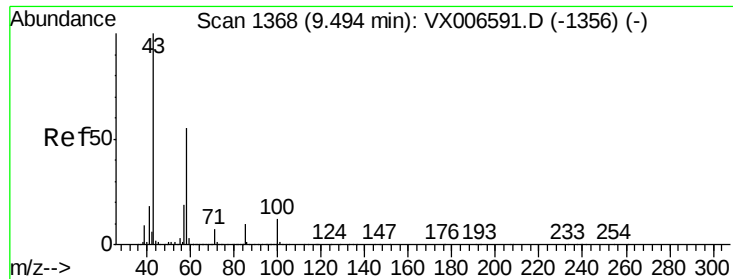
Tgt Ion: 76 Resp: 16910

Ion Ratio Lower Upper

76 100

78 2.3 26.0 39.0#

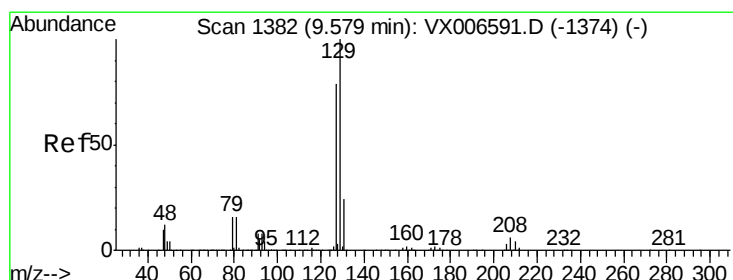
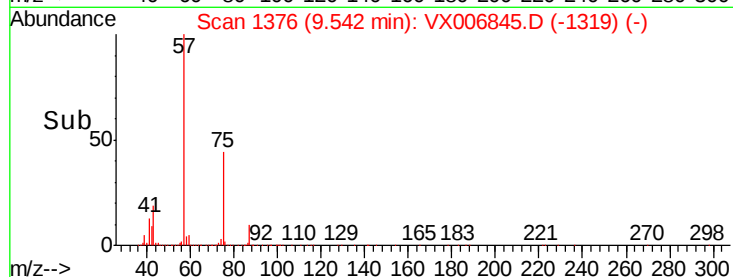
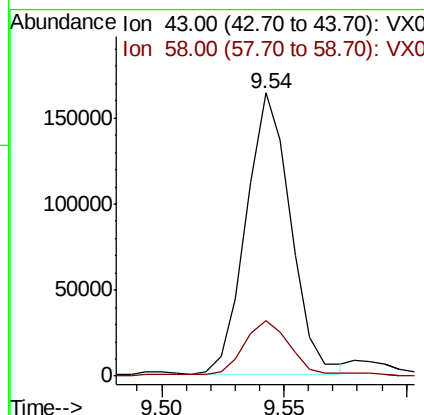
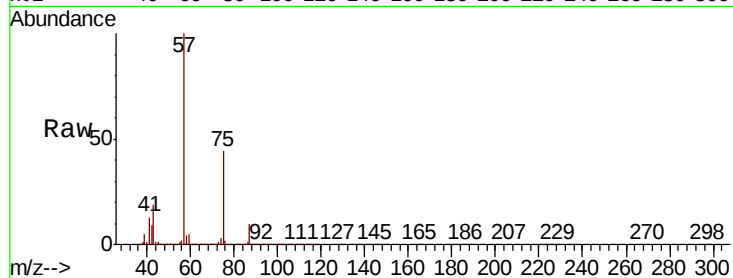




#59
2-Hexanone
Concen: 32.369 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX006845.D
Acq: 27 Dec 2018 16:29

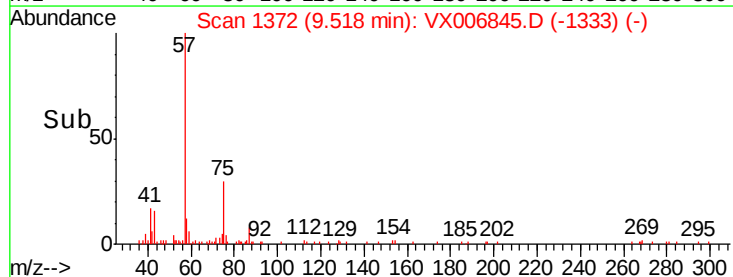
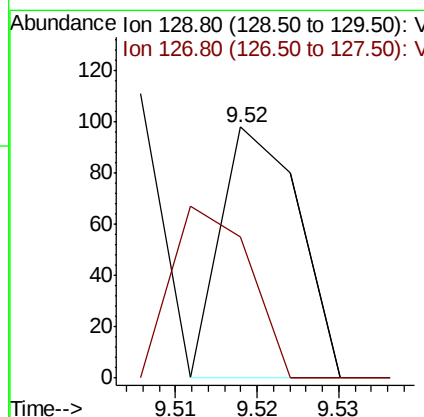
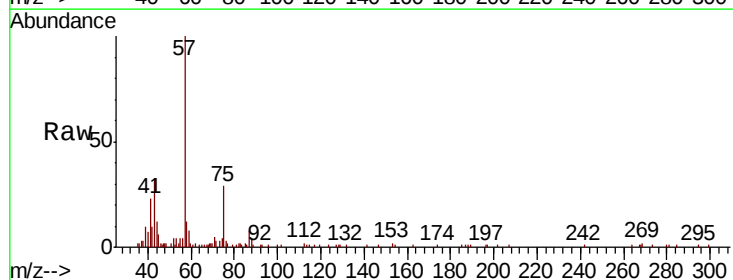
Instrument :
MSVOA_X
ClientSampleId :

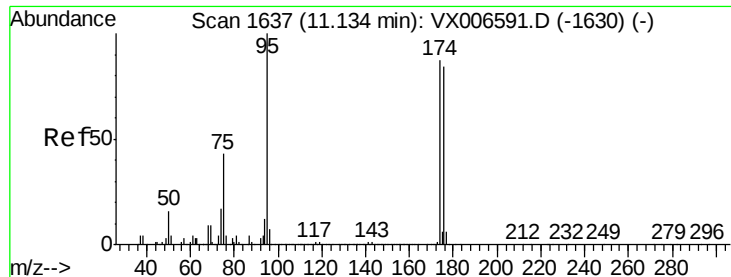
Tot Ion: 43 Resp: 207908
Ion Ratio Lower Upper
43 100
58 21.2 27.7 83.1#



#60
Dibromochloromethane
Concen: 2.333 ug/l
RT: 9.52 min Scan# 1372
Delta R.T. -0.06 min
Lab File: VX006845.D
Acq: 27 Dec 2018 16:29

Tgt Ion:129 Resp: 65
Ion Ratio Lower Upper
129 100
127 69.2 39.3 117.8

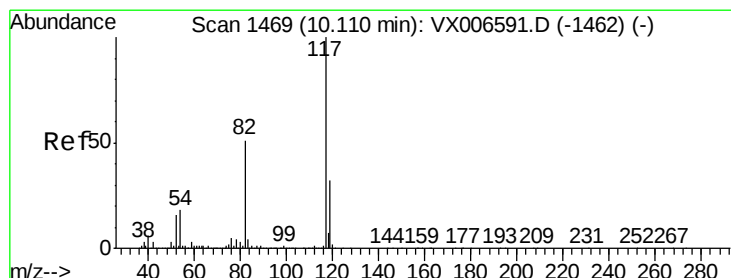
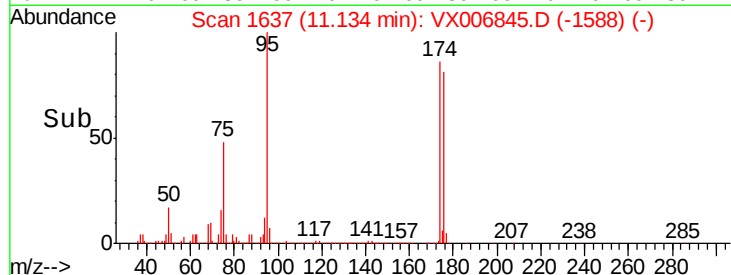
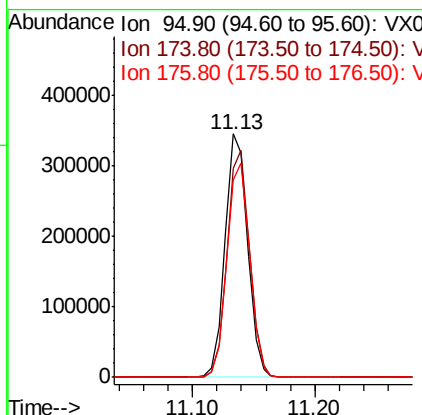
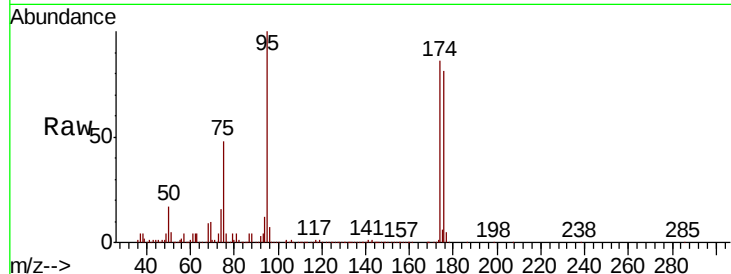




#62
4-Bromofluorobenzene
Concen: 50.058 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006845.D
Acq: 27 Dec 2018 16:29

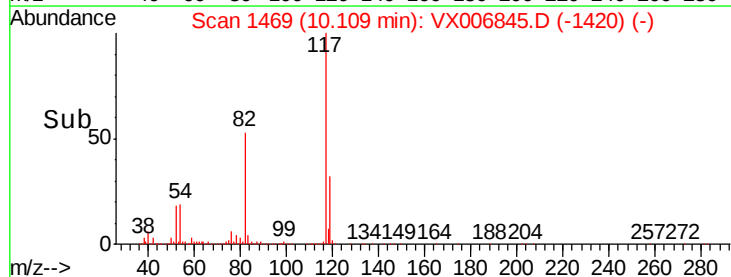
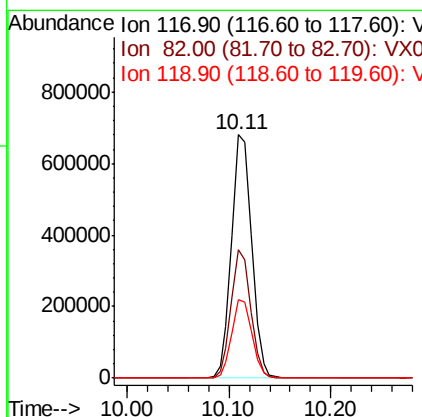
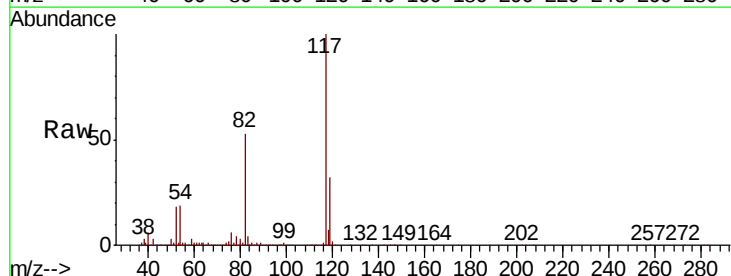
Instrument :
MSVOA_X
ClientSampleId :

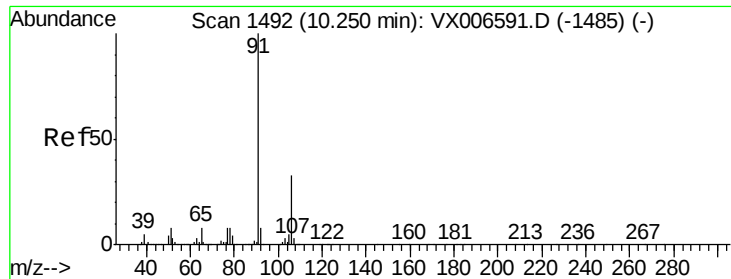
Tot Ion	Ratio	Lower	Upper
95	100		
174	92.2	0.0	182.2
176	89.2	0.0	178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006845.D
Acq: 27 Dec 2018 16:29

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.6	41.0	61.6
119	32.4	25.4	38.0





#67

Ethyl Benzene

Concen: 7.091 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006845.D

Acq: 27 Dec 2018 16:29

Instrument :

MSVOA_X

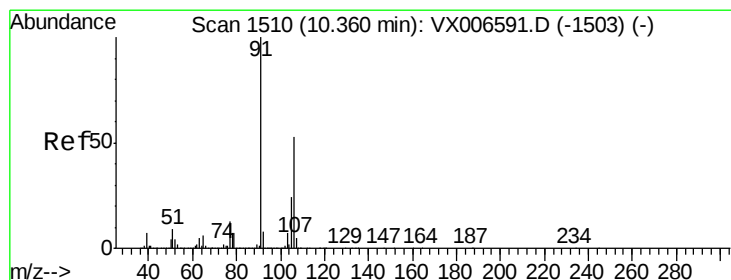
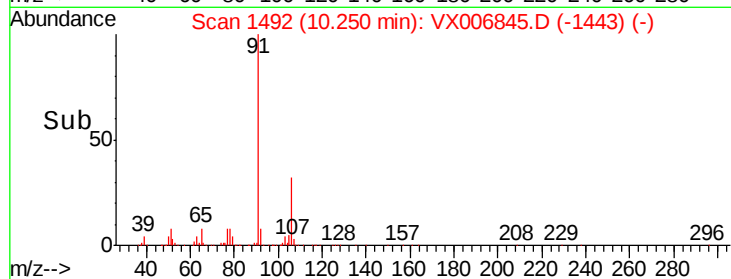
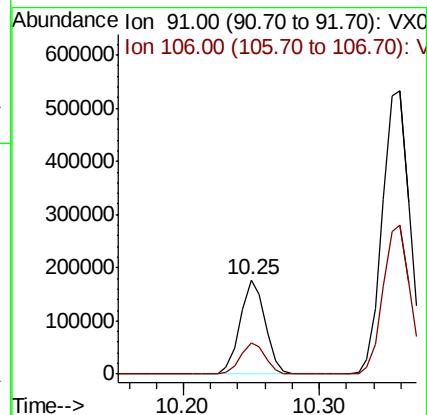
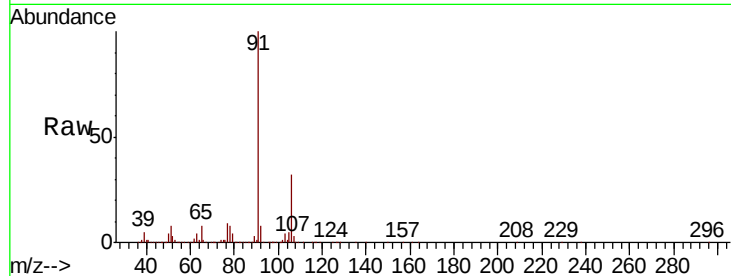
ClientSampled :

Tot Ion: 91 Resp: 227262

Ion Ratio Lower Upper

91 100

106 32.4 26.4 39.6



#68

m/p-Xylenes

Concen: 30.409 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006845.D

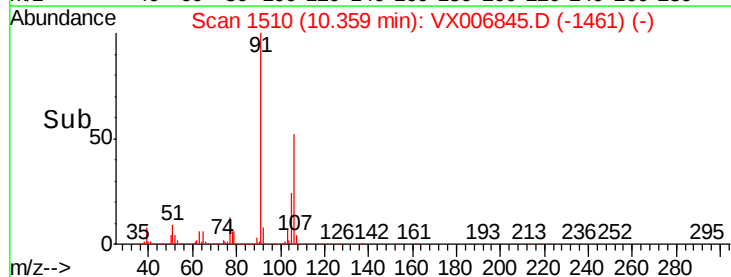
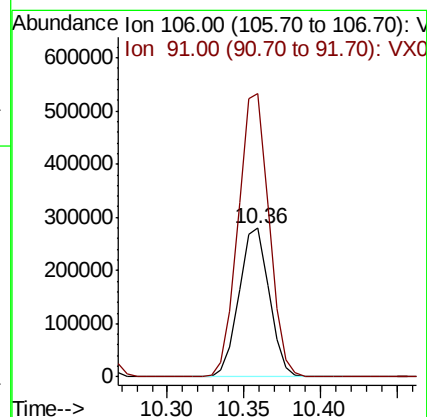
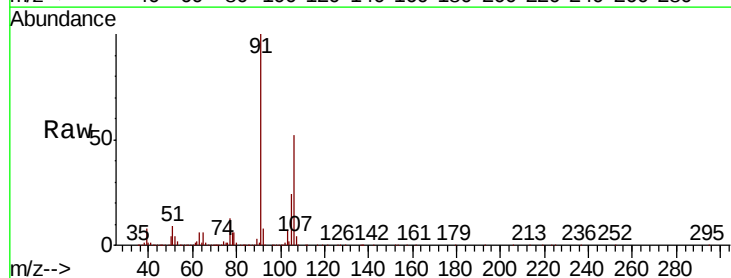
Acq: 27 Dec 2018 16:29

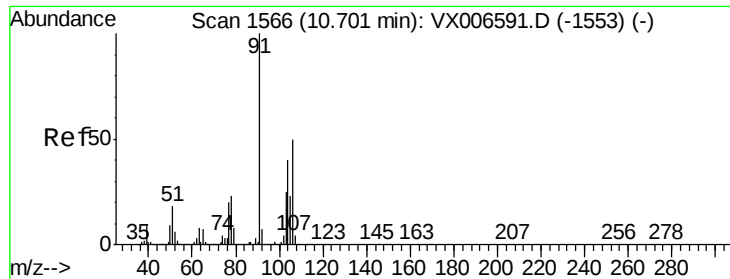
Tgt Ion: 106 Resp: 384579

Ion Ratio Lower Upper

106 100

91 193.3 155.8 233.6

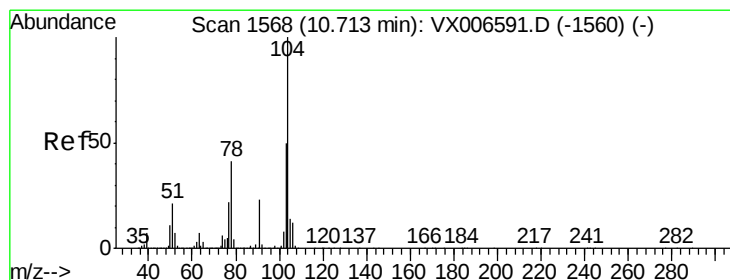
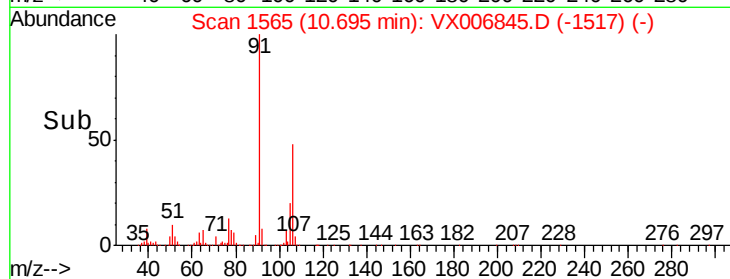
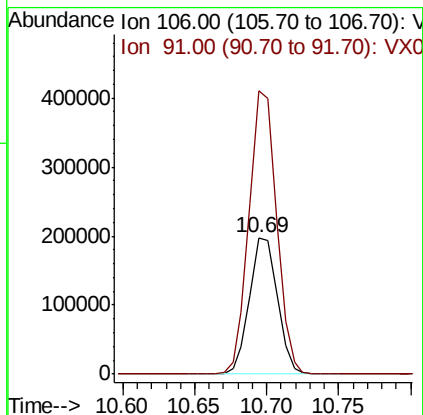
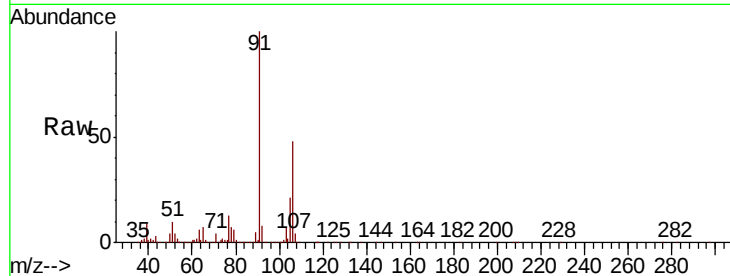




#69
o-Xylene
Concen: 21.265 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006845.D
Acq: 27 Dec 2018 16:29

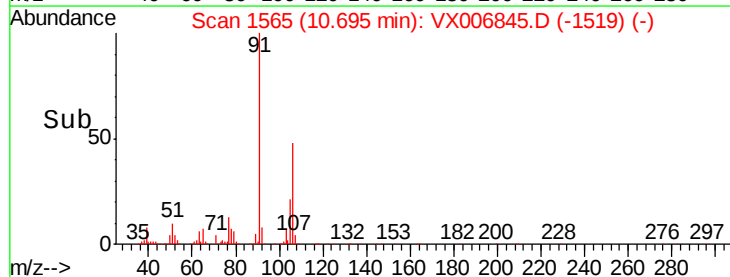
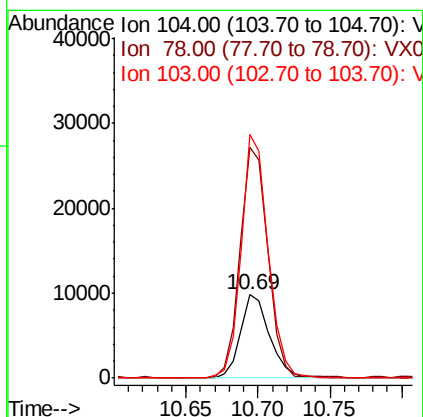
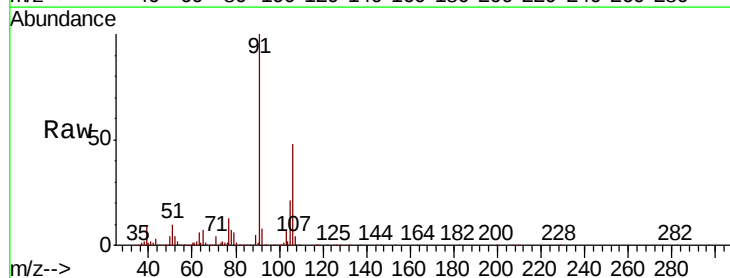
Instrument :
MSVOA_X
ClientSampled :

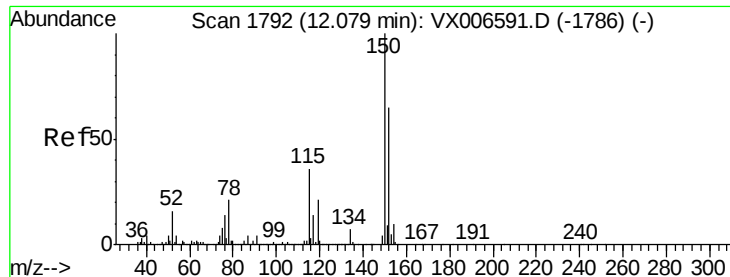
Tot Ion:106 Resp: 265562
Ion Ratio Lower Upper
106 100
91 205.7 101.3 303.7



#70
Styrene
Concen: 0.702 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.02 min
Lab File: VX006845.D
Acq: 27 Dec 2018 16:29

Tgt Ion:104 Resp: 13860
Ion Ratio Lower Upper
104 100
78 261.2 37.7 56.5#
103 267.1 43.8 65.8#



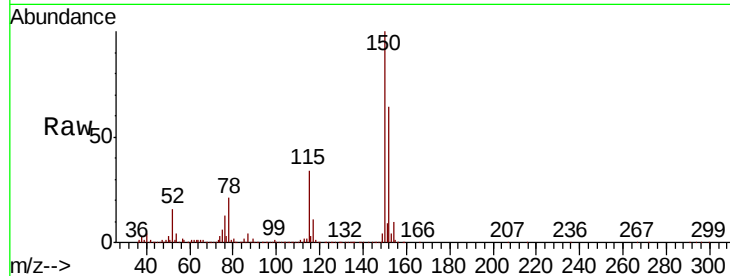


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006845.D
Acq: 27 Dec 2018 16:29

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.2	39.1	117.2
150	157.3	0.0	344.8

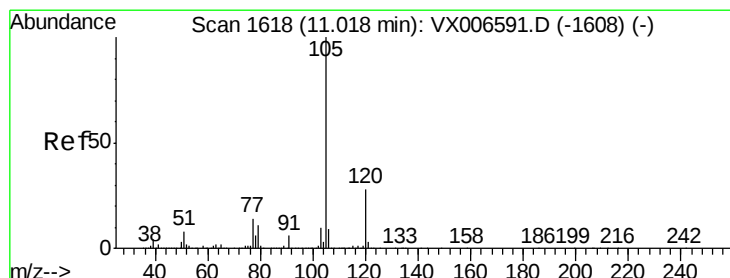
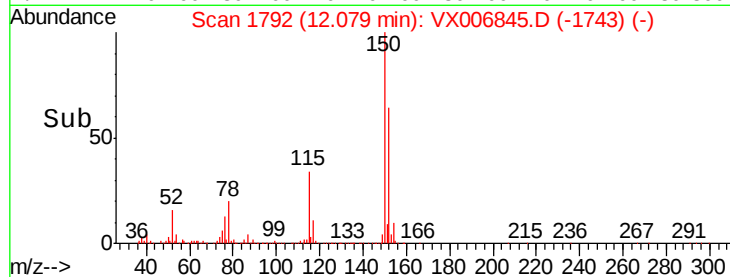
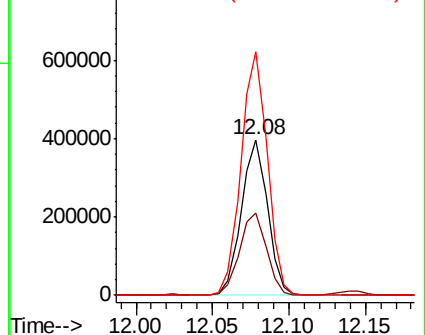


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

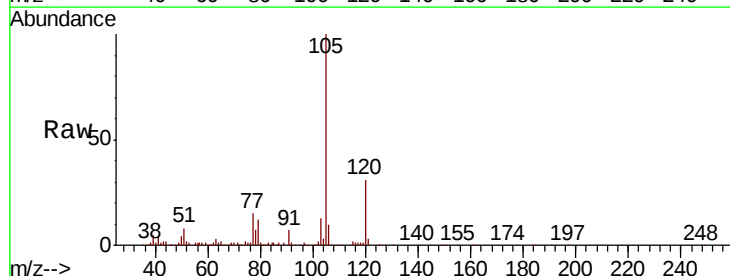
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: 1.506 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX006845.D
Acq: 27 Dec 2018 16:29

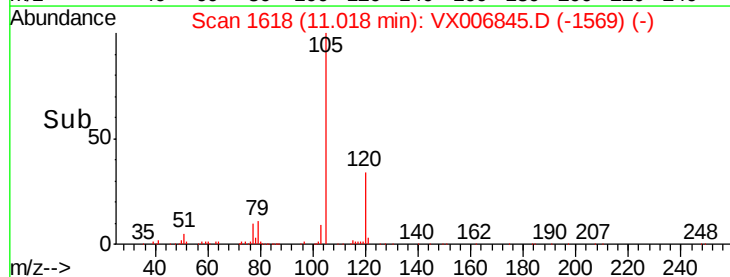
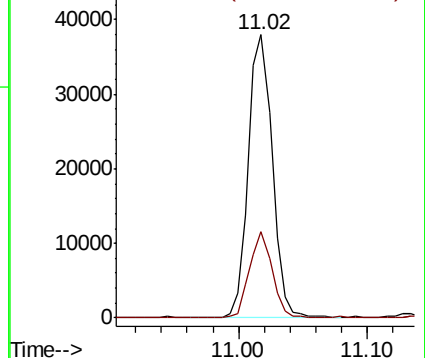
Tgt Ion	Ratio	Lower	Upper
105	100		
120	29.0	14.1	42.4

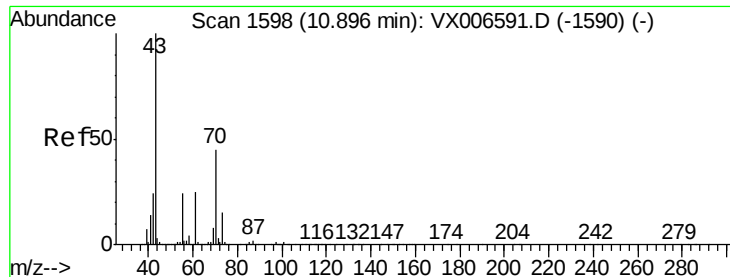


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.455 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.02 min

Lab File: VX006845.D

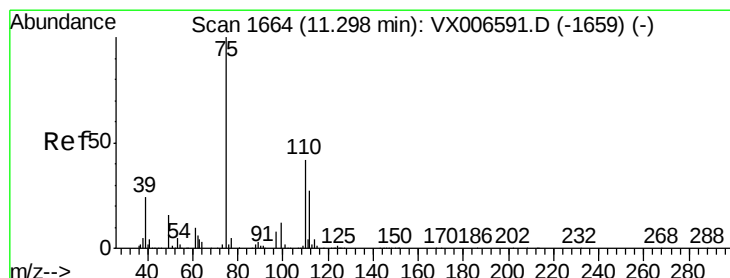
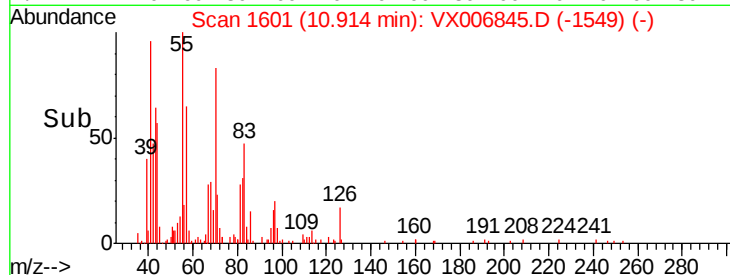
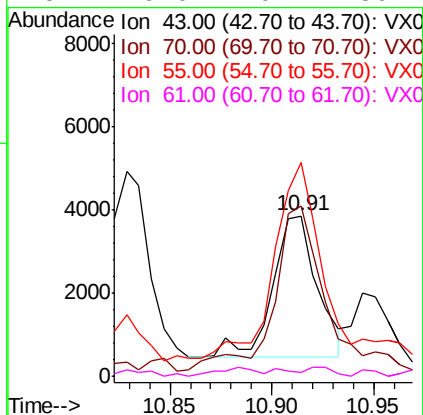
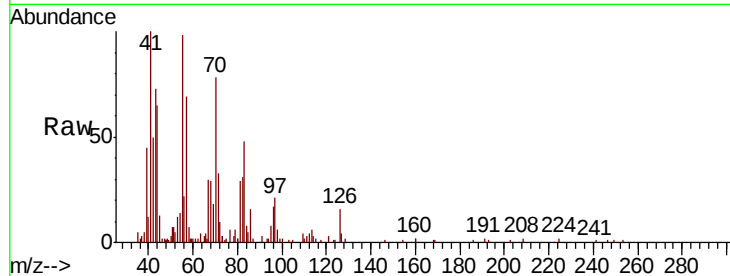
Acq: 27 Dec 2018 16:29

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	43	Resp:	5253
Ion	Ratio	Lower	Upper
43	100		
70	134.2	35.8	53.8#
55	163.4	19.4	29.0#
61	0.0	20.1	30.1#



#76

1,2,3-Trichloropropane

Concen: 23.453 ug/l

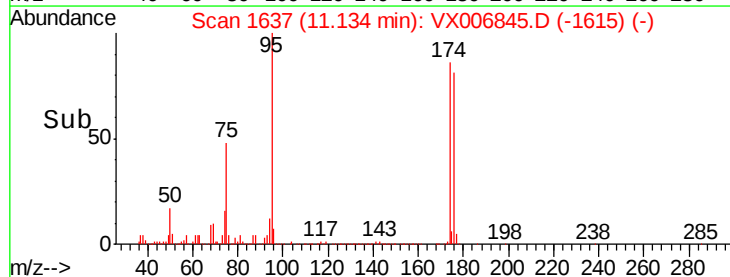
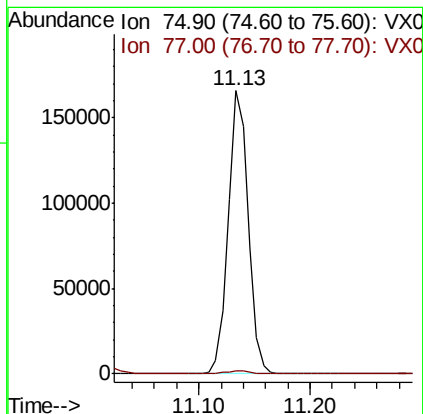
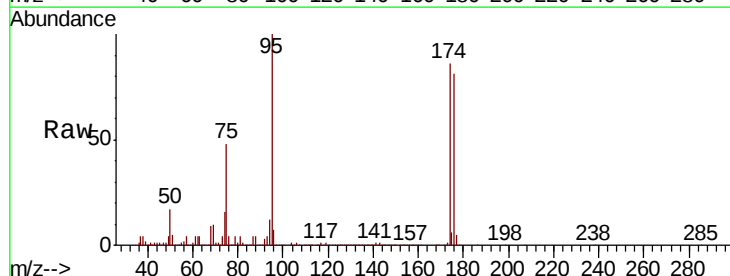
RT: 11.13 min Scan# 1637

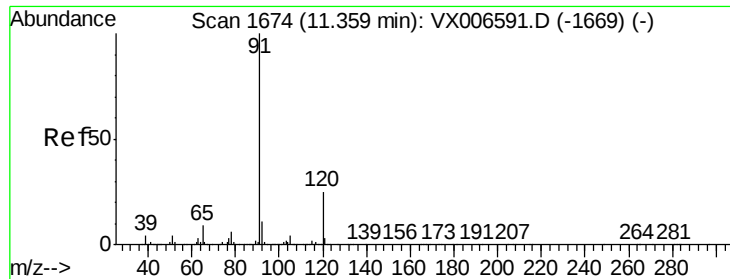
Delta R.T. -0.16 min

Lab File: VX006845.D

Acq: 27 Dec 2018 16:29

Tgt Ion:	75	Resp:	205539
Ion	Ratio	Lower	Upper
75	100		
77	1.3	18.5	55.5#





#78

n-propylbenzene

Concen: 3.375 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006845.D

Acq: 27 Dec 2018 16:29

Instrument :

MSVOA_X

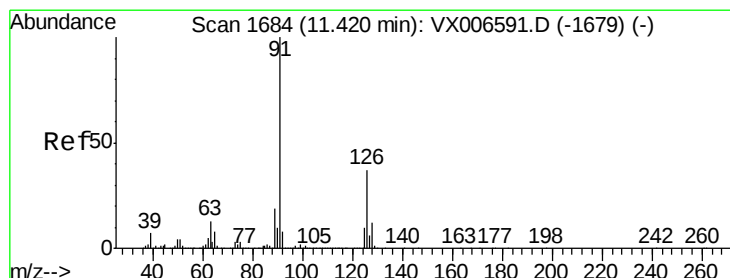
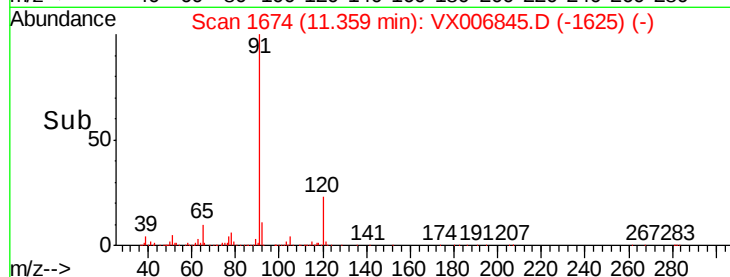
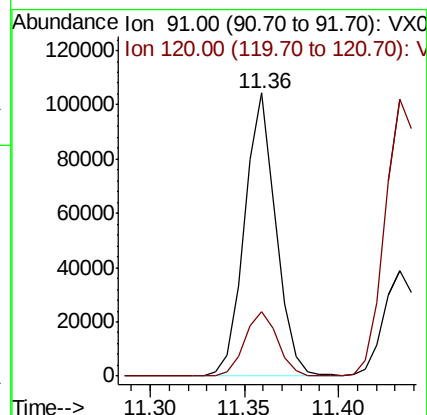
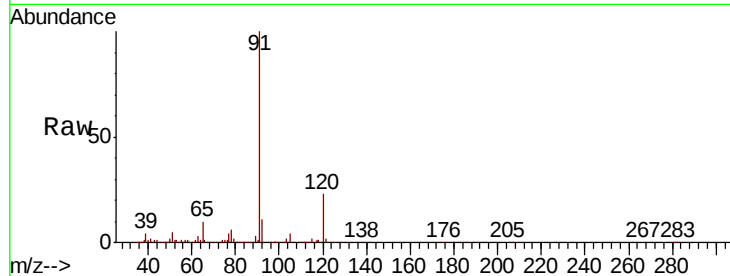
ClientSampleId :

Tot Ion: 91 Resp: 119893

Ion Ratio Lower Upper

91 100

120 24.1 12.7 38.0



#79

2-Chlorotoluene

Concen: 2.976 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX006845.D

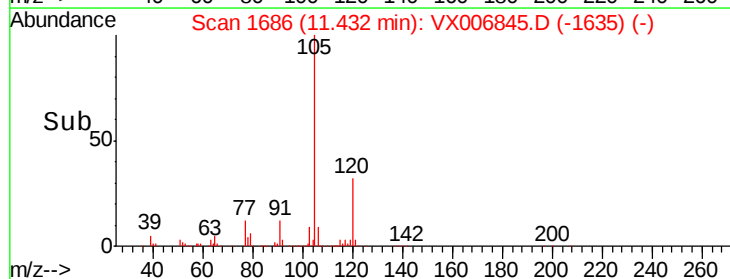
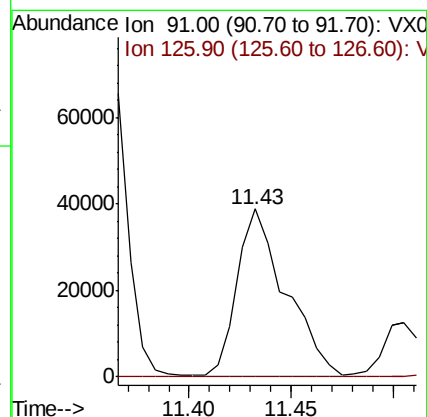
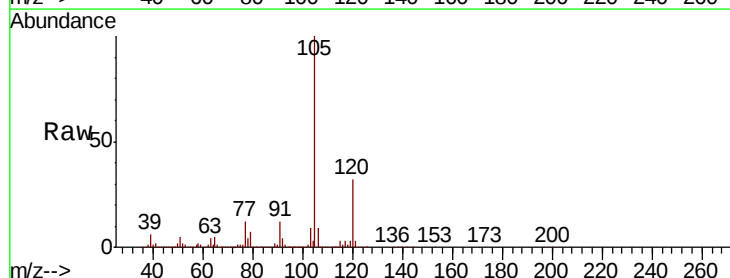
Acq: 27 Dec 2018 16:29

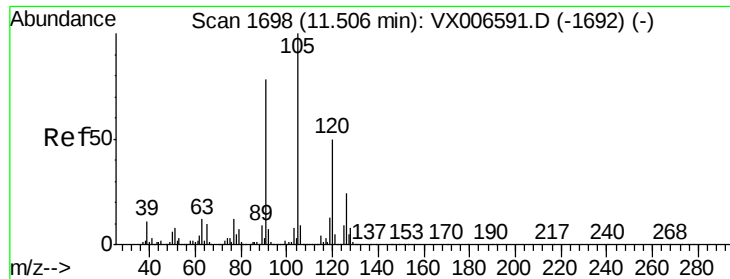
Tgt Ion: 91 Resp: 64079

Ion Ratio Lower Upper

91 100

126 0.3 18.6 56.0#





#80

1,3,5-Trimethylbenzene

Concen: 5.631 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006845.D

Acq: 27 Dec 2018 16:29

Instrument :

MSVOA_X

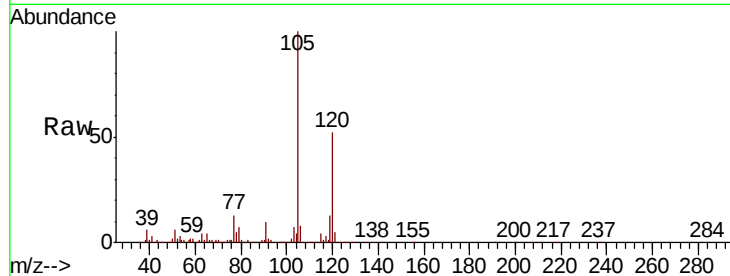
ClientSampled :

Tot Ion:105 Resp: 149624

Ion Ratio Lower Upper

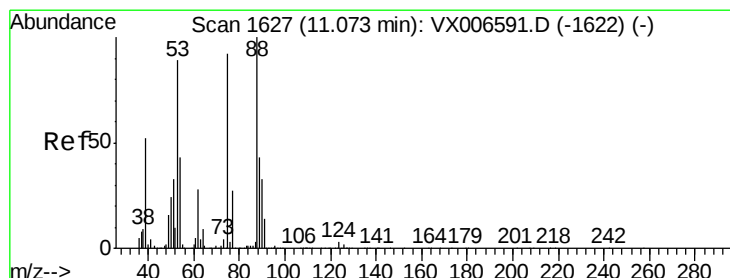
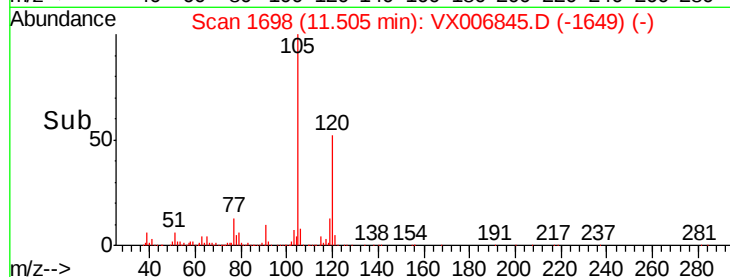
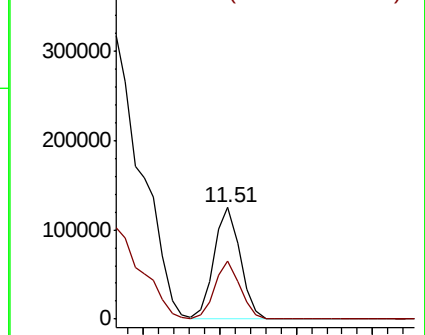
105 100

120 50.0 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 69.564 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006845.D

Acq: 27 Dec 2018 16:29

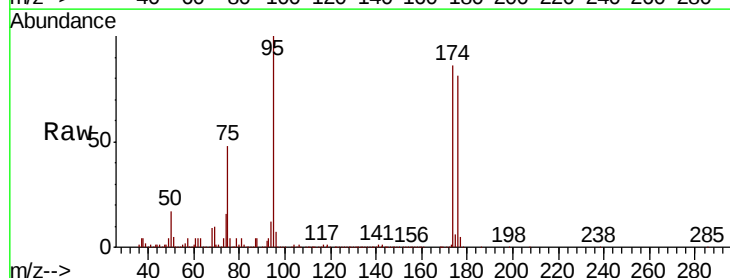
Tgt Ion: 75 Resp: 205539

Ion Ratio Lower Upper

75 100

53 0.3 79.7 119.5#

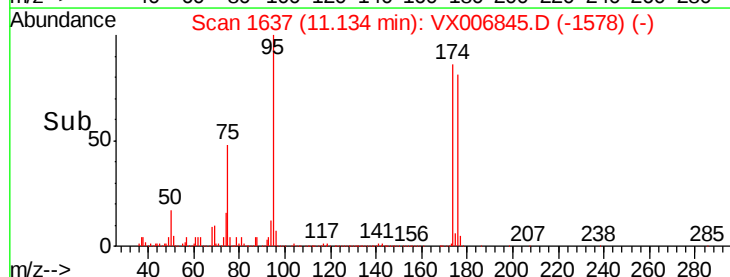
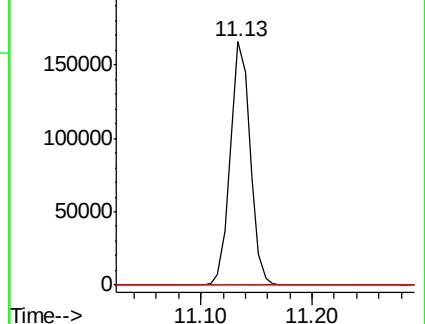
89 0.1 38.0 57.0#

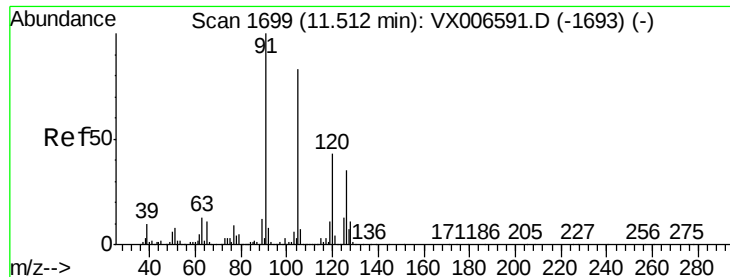


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 0.654 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX006845.D

Acq: 27 Dec 2018 16:29

Instrument :

MSVOA_X

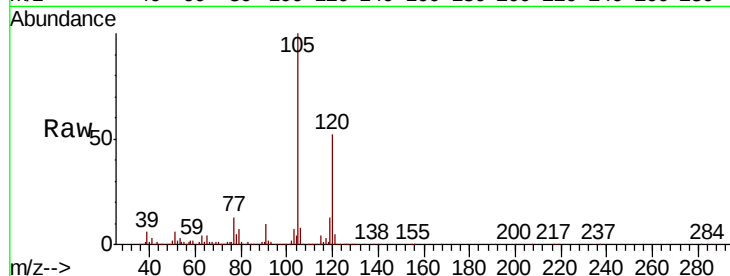
ClientSampleId :

Tot Ion: 91 Resp: 16144

Ion Ratio Lower Upper

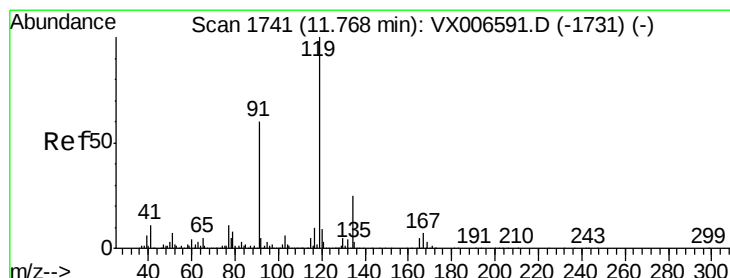
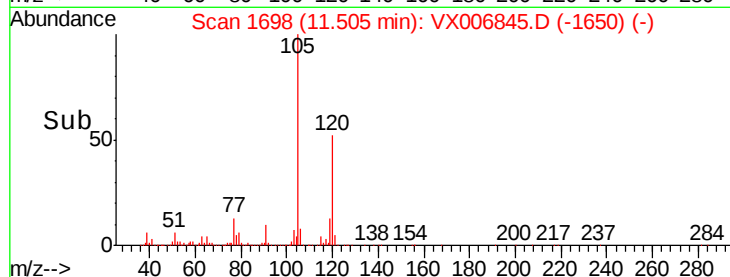
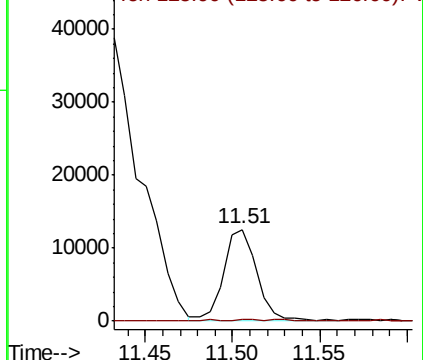
91 100

126 2.4 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: 3.175 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.04 min

Lab File: VX006845.D

Acq: 27 Dec 2018 16:29

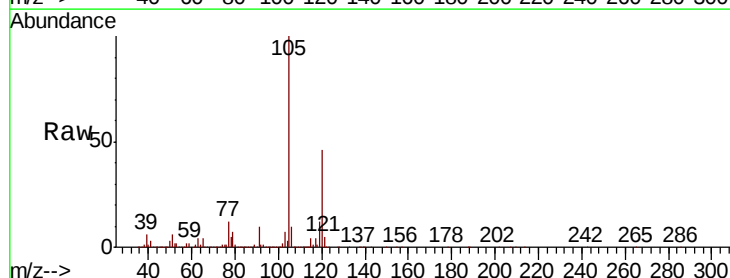
Tgt Ion: 119 Resp: 84447

Ion Ratio Lower Upper

119 100

91 81.2 27.7 83.1

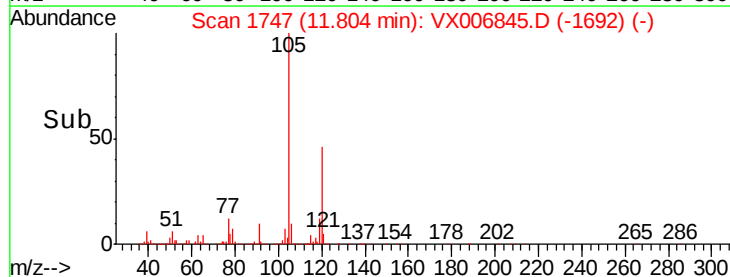
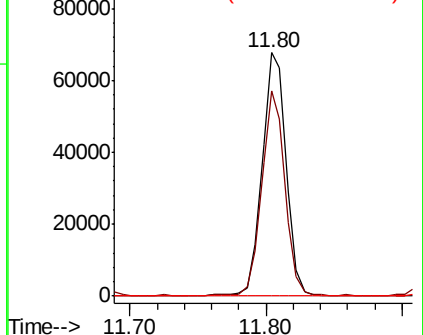
134 0.0 11.9 35.5#

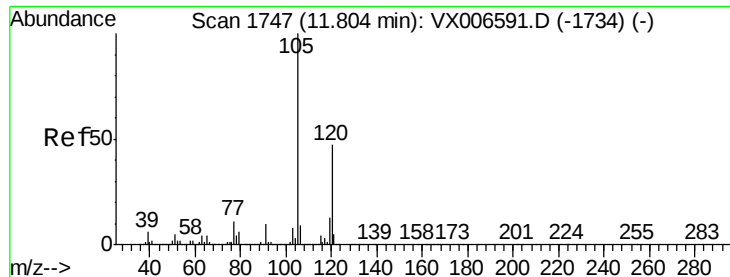


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



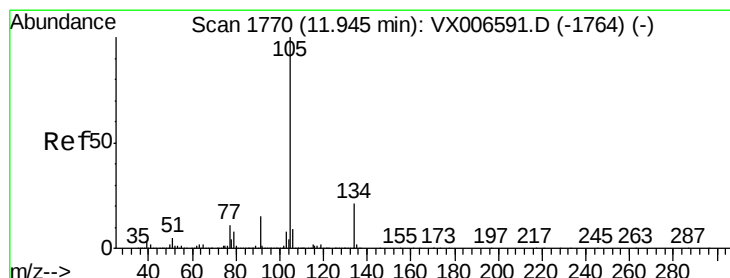
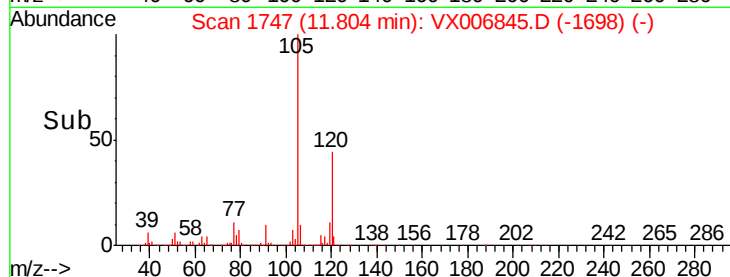
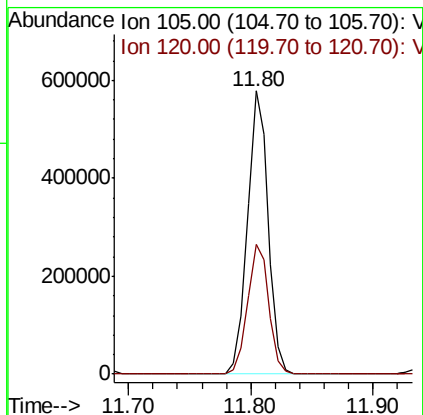
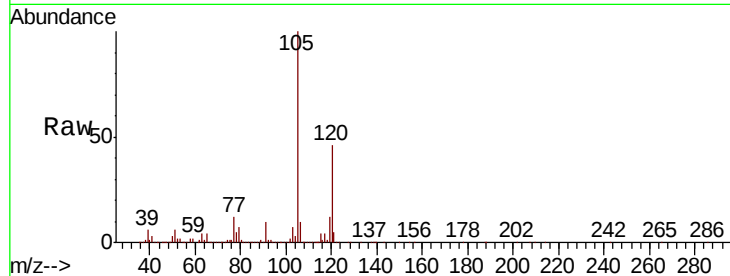


#84

1,2,4-Trimethylbenzene
Concen: 24.291 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX006845.D
Acq: 27 Dec 2018 16:29

Instrument :
MSVOA_X
ClientSampleId :

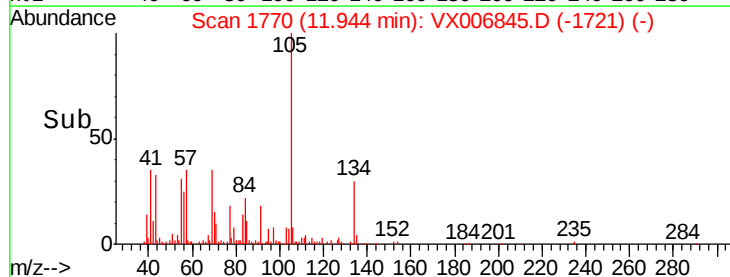
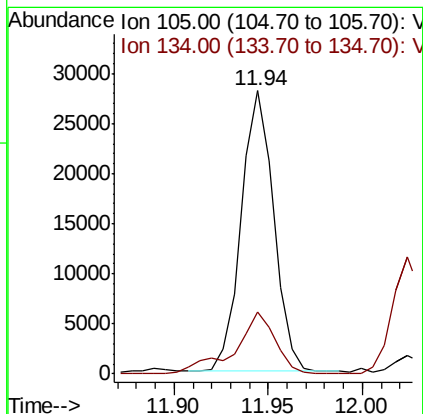
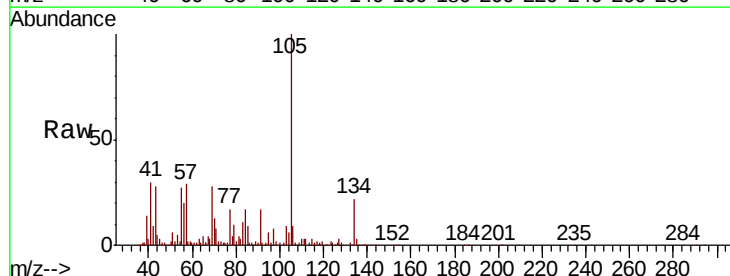
Tot Ion:105 Resp: 678944
Ion Ratio Lower Upper
105 100
120 47.1 23.2 69.6

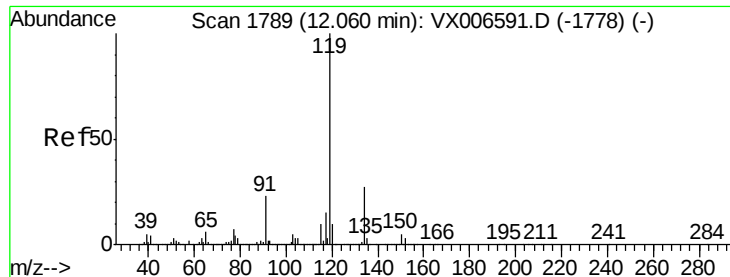


#85

sec-Butylbenzene
Concen: 1.025 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX006845.D
Acq: 27 Dec 2018 16:29

Tgt Ion:105 Resp: 33423
Ion Ratio Lower Upper
105 100
134 27.7 10.7 31.9

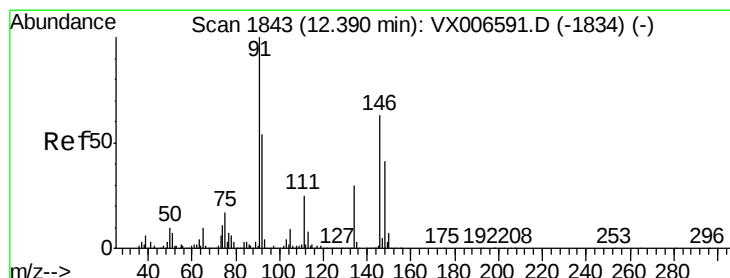
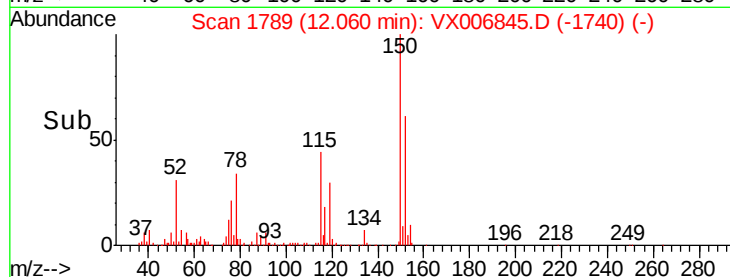
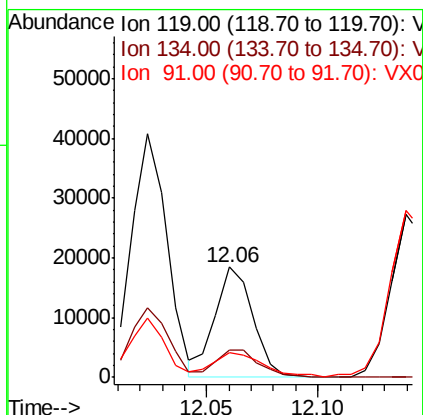
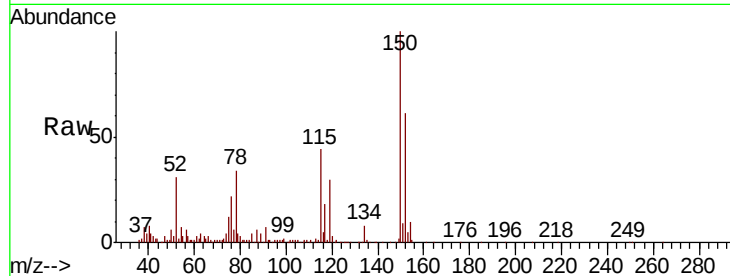




#86
 p-Isopropyltoluene
 Concen: 0.750 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX006845.D
 Acq: 27 Dec 2018 16:29

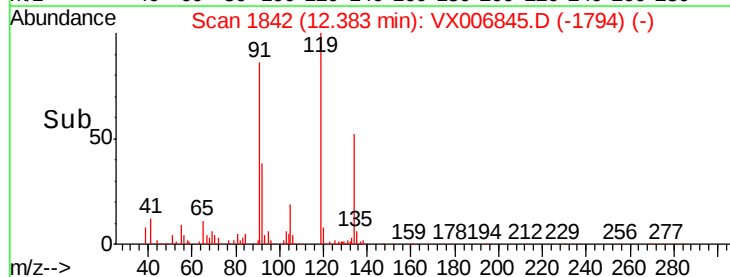
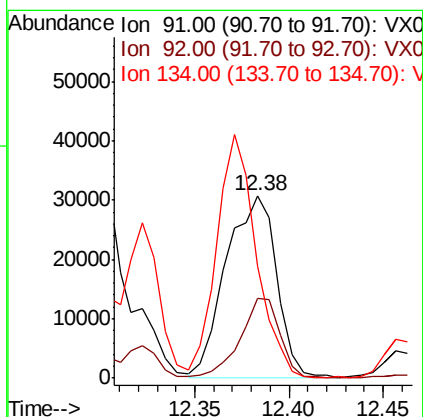
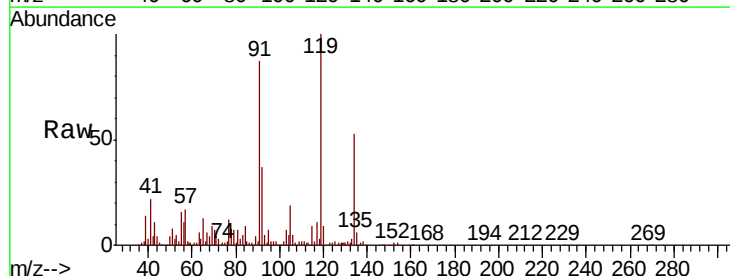
Instrument :
 MSVOA_X
 ClientSampleId :

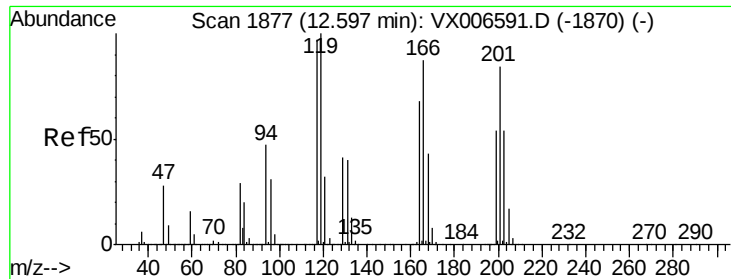
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.7	14.0	41.9
91	28.6	11.3	33.9



#89
 n-Butylbenzene
 Concen: 2.326 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: VX006845.D
 Acq: 27 Dec 2018 16:29

Tgt Ion	Ratio	Lower	Upper
91	100		
92	34.5	26.8	80.4
134	105.1	14.4	43.2

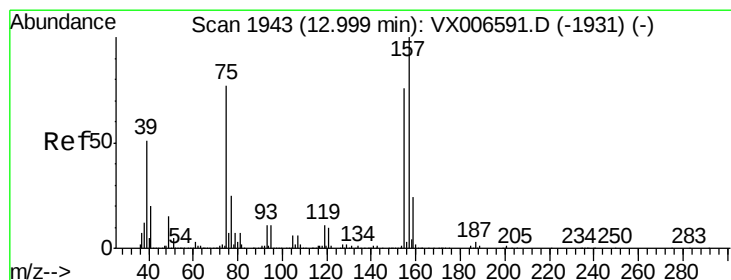
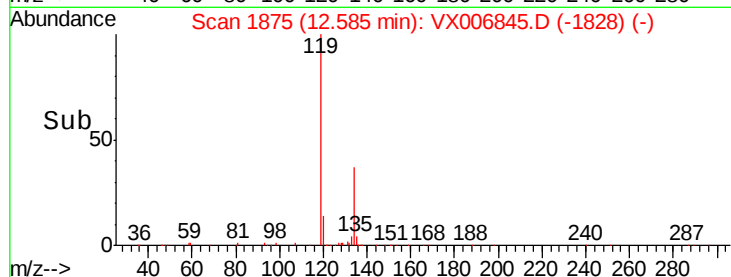
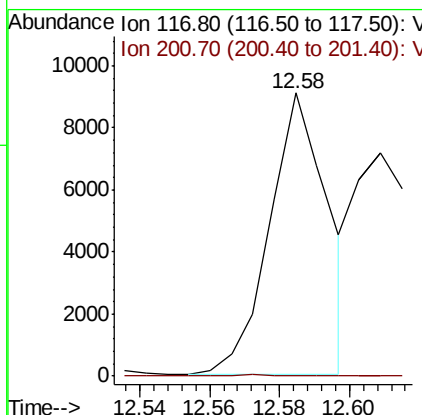
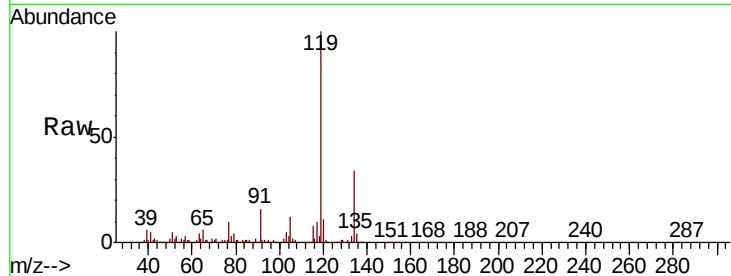




#90
Hexachloroethane
Concen: 5.472 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX006845.D
Acq: 27 Dec 2018 16:29

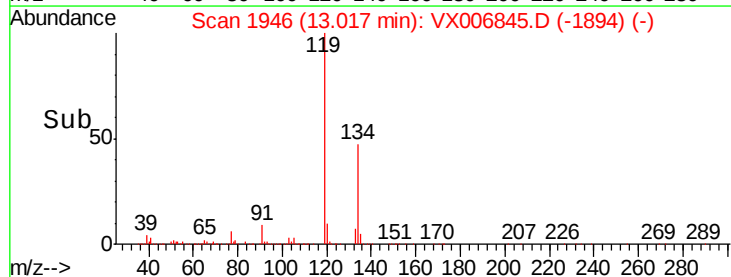
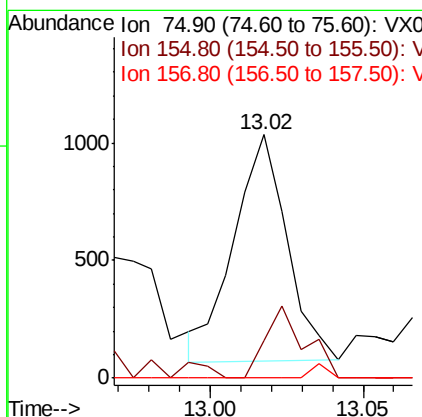
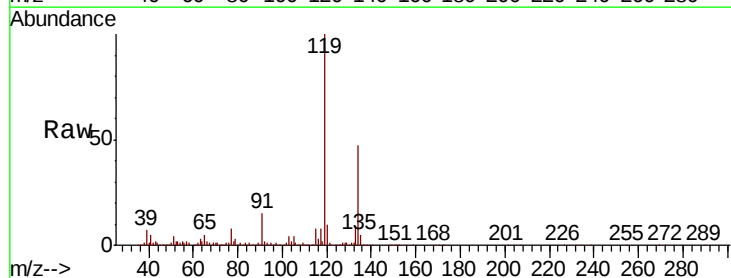
Instrument :
MSVOA_X
ClientSampled :

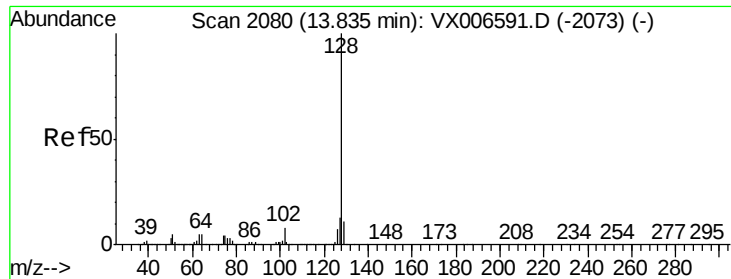
Tot Ion:117 Resp: 10461
Ion Ratio Lower Upper
117 100
201 0.2 42.9 128.7#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.586 ug/l
RT: 13.02 min Scan# 1946
Delta R.T. 0.02 min
Lab File: VX006845.D
Acq: 27 Dec 2018 16:29

Tgt Ion: 75 Resp: 1163
Ion Ratio Lower Upper
75 100
155 23.6 50.6 151.8#
157 1.9 64.6 193.8#

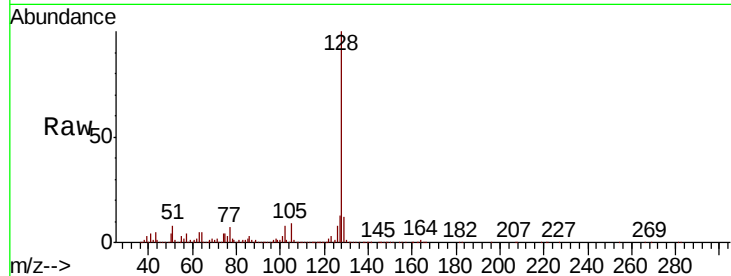




#95
Naphthalene
Concen: 13.542 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006845.D
Acq: 27 Dec 2018 16:29

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.1	15.1
129	11.6	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

