

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111518\
 Data File : VX006034.D
 Acq On : 15 Nov 2018 21:33
 Operator : JC/MD
 Sample : J5911-03
 Misc : 5.09µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 16 00:21:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	152145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	221520	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	189575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131363	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	83929	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
35) Dibromofluoromethane	5.51	113	67511	44.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.62%	
50) Toluene-d8	8.71	98	252899	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
62) 4-Bromofluorobenzene	11.14	95	103888	57.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.38%	

Target Compounds

					Qvalue	
5) Bromomethane	1.64	94	455	0.411	ug/l	95
15) Acrylonitrile	3.13	53	251	0.242	ug/l #	16
18) Methyl Acetate	2.80	43	1703	Below Cal	#	55
20) Methylene Chloride	2.84	84	769	0.497	ug/l #	88
29) Tetrahydrofuran	5.20	42	836	0.879	ug/l #	2
30) Chloroform	5.21	83	3227	1.192	ug/l	99
31) Cyclohexane	5.56	56	12393	5.086	ug/l	92
36) 1,1-Dichloropropene	5.66	75	10297	4.822	ug/l #	49
38) Carbon Tetrachloride	5.65	117	13354	6.246	ug/l #	16
39) Methylcyclohexane	7.46	83	102561	47.385	ug/l	89
41) Methacrylonitrile	5.20	41	950	0.626	ug/l #	44
43) Isopropyl Acetate	6.45	43	2347	0.577	ug/l #	63
45) 1,2-Dichloropropane	7.46	63	987	0.653	ug/l #	1
47) Bromodichloromethane	7.91	83	479	0.267	ug/l #	78
48) Methyl methacrylate	7.73	41	3854	2.109	ug/l #	48
51) 4-Methyl-2-Pentanone	8.66	43	14552	5.674	ug/l #	38
55) 1,1,2-Trichloroethane	9.16	97	41015	26.450	ug/l #	18
56) Ethyl methacrylate	9.16	69	9716	4.188	ug/l #	3
58) 2-Chloroethyl Vinyl ether	8.24	63	19	8.293	ug/l #	48
59) 2-Hexanone	9.55	43	50446	22.316	ug/l #	46
68) m/p-Xylenes	10.36	106	910	0.392	ug/l #	1
69) o-Xylene	10.70	106	424	0.204	ug/l	74
73) Isopropylbenzene	11.02	105	103090	13.571	ug/l	100
74) N-ethyl acetate	10.91	43	153640	36.395	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	89815	32.211	ug/l #	26
76) 1,2,3-Trichloropropane	11.37	75	1776	0.664	ug/l #	1
78) n-propylbenzene	11.37	91	277155	30.957	ug/l	97
79) 2-Chlorotoluene	11.37	91	277155	51.217	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.14	75	45118	53.760	ug/l #	14
82) 4-Chlorotoluene	11.37	91	277155	43.458	ug/l #	45
83) tert-Butylbenzene	11.77	119	17938	2.747	ug/l	86
84) 1,2,4-Trimethylbenzene	11.95	105	305572	42.875	ug/l #	32
85) sec-Butylbenzene	11.95	105	305572	38.262	ug/l	83
86) p-Isopropyltoluene	12.24	119	70436	9.957	ug/l	90

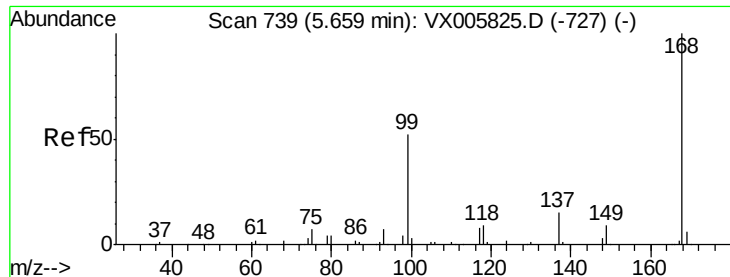
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111518\
Data File : VX006034.D
Acq On : 15 Nov 2018 21:33
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MSVOA_X
ClientSampleId :

Quant Time: Nov 16 00:21:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.39	91	248485	37.900	ug/l #	84
90) Hexachloroethane	12.67	117	91240	77.253	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	12.98	75	5800	8.524	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.60	180	1228	0.424	ug/l #	1
95) Naphthalene	13.86	128	20074	3.251	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.04	180	17487	5.923	ug/l #	1

(#) = 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: VX006034.D

Acq: 15 Nov 2018 21:33

Instrument :

MSVOA_X

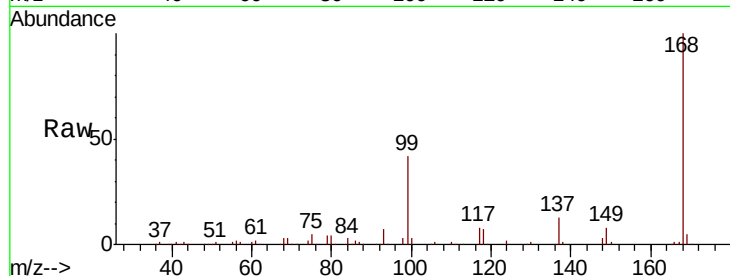
ClientSampleId :

Tot Ion:168 Resp: 152145

Ion Ratio Lower Upper

168 100

99 41.7 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

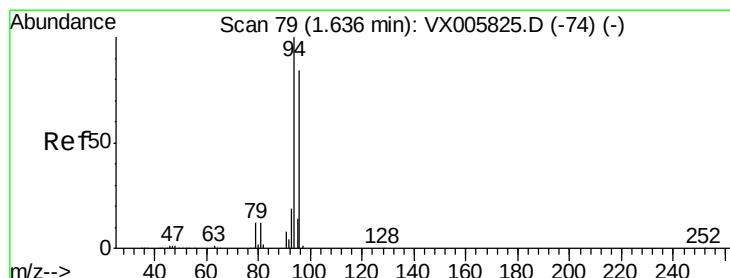
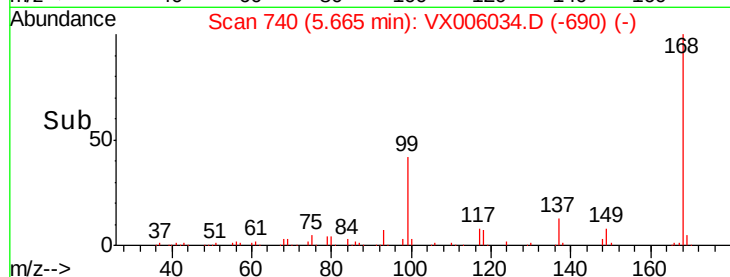
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.411 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX006034.D

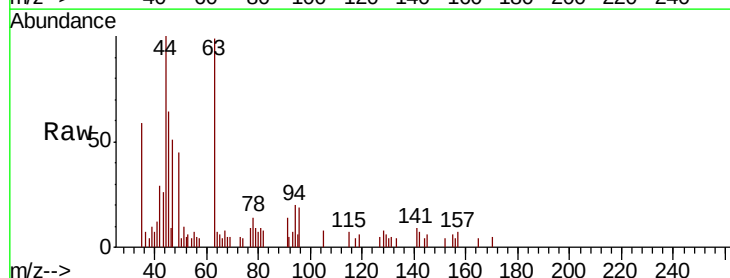
Acq: 15 Nov 2018 21:33

Tgt Ion: 94 Resp: 455

Ion Ratio Lower Upper

94 100

96 98.5 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

300

250

200

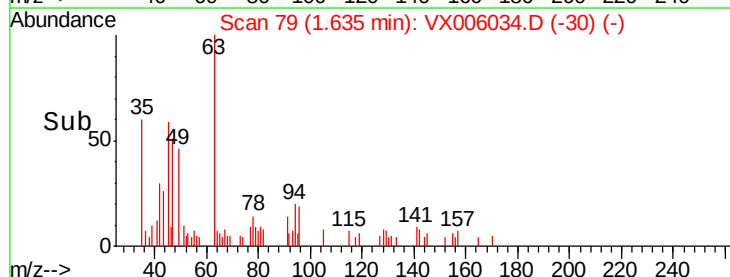
150

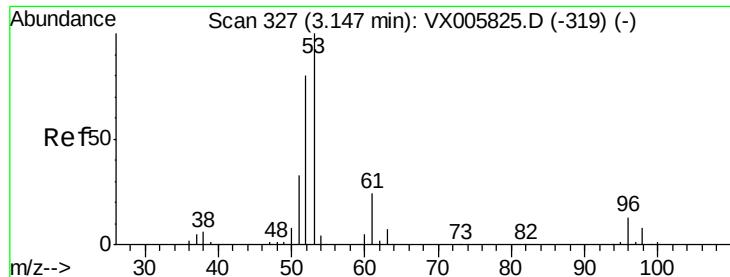
100

50

0

Time--> 1.60 1.65





#15

Acrylonitrile

Concen: 0.242 ug/l

RT: 3.13 min Scan# 324

Delta R.T. -0.02 min

Lab File: VX006034.D

Acq: 15 Nov 2018 21:33

Instrument :

MSVOA_X

ClientSampleId :

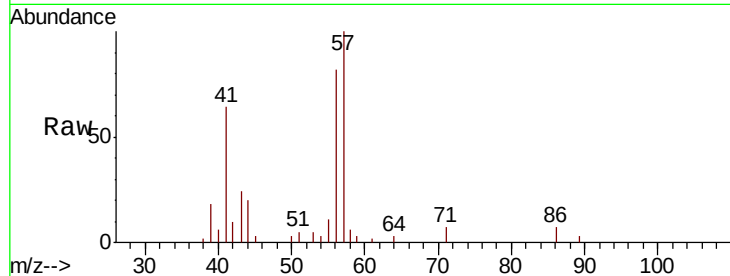
Tot Ion: 53 Resp: 251

Ion Ratio Lower Upper

53 100

52 0.0 66.6 99.8#

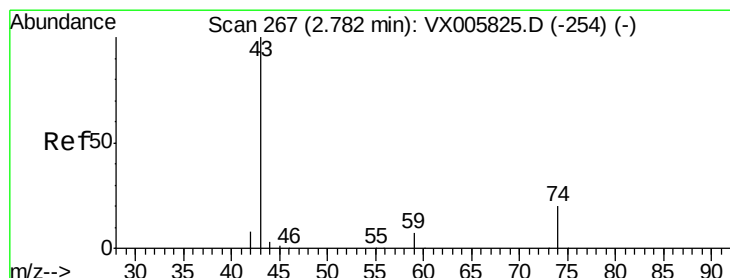
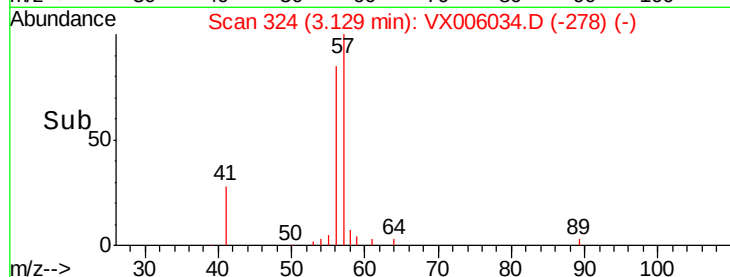
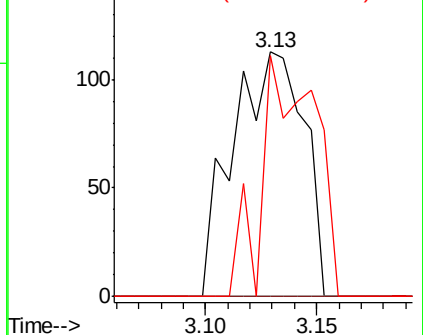
51 73.7 28.4 42.6#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#18

Methyl Acetate

Concen: Below Cal

RT: 2.80 min Scan# 270

Delta R.T. 0.02 min

Lab File: VX006034.D

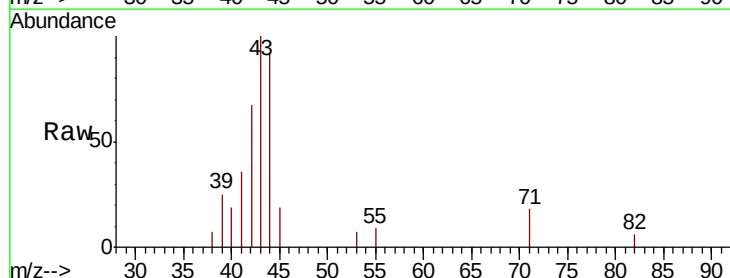
Acq: 15 Nov 2018 21:33

Tgt Ion: 43 Resp: 1703

Ion Ratio Lower Upper

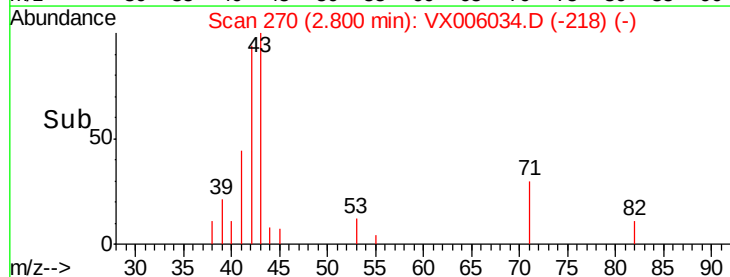
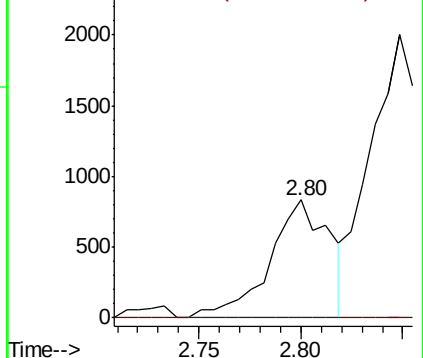
43 100

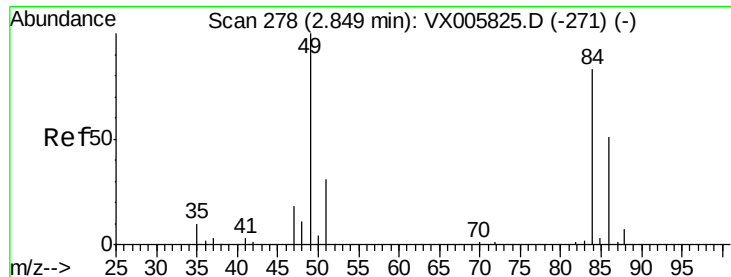
74 0.0 16.8 25.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

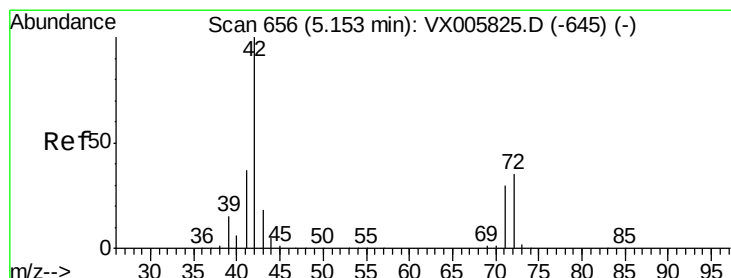
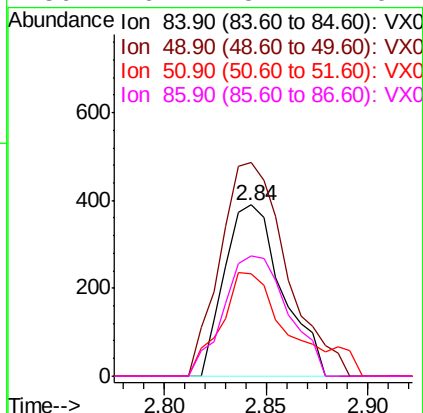
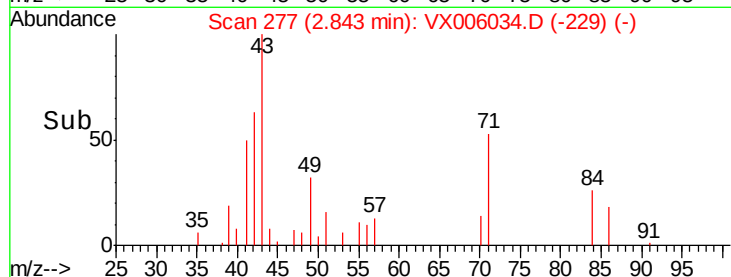
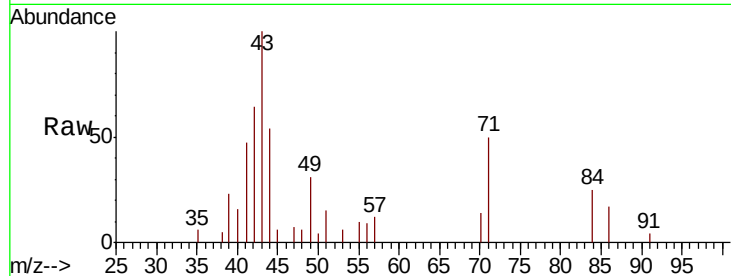




#20
Methvlene Chloride
Concen: 0.497 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.01 min
Lab File: VX006034.D
Acq: 15 Nov 2018 21:33

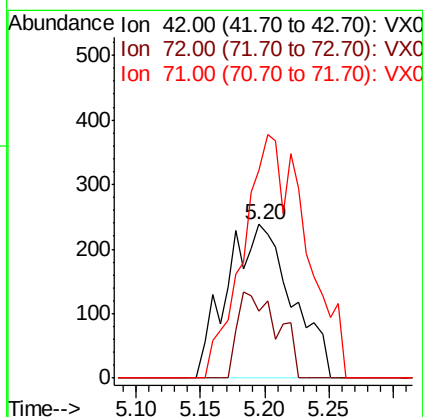
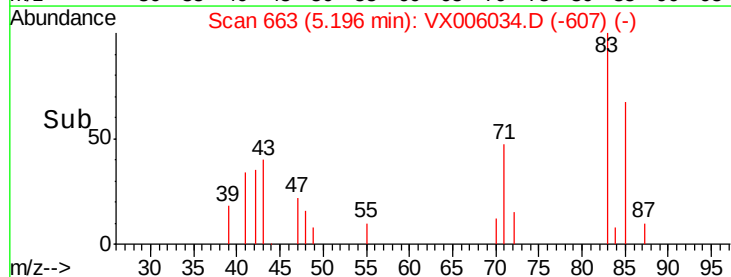
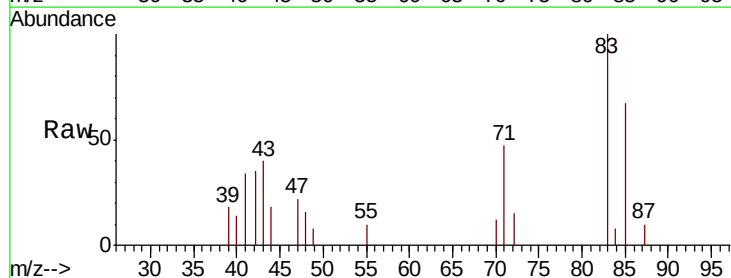
Instrument :
MSVOA_X
ClientSampleId :

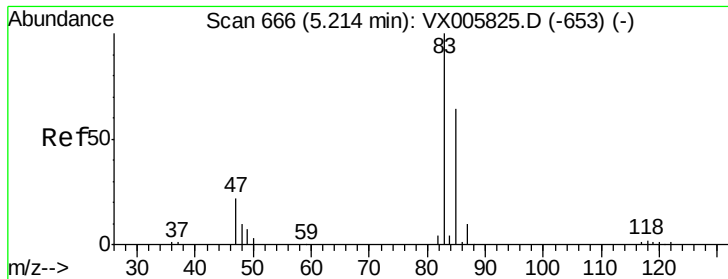
Tot Ion: 84 Resp: 769
Ion Ratio Lower Upper
84 100
49 124.9 109.5 164.3
51 60.2 33.3 49.9#
86 70.2 52.7 79.1



#29
Tetrahydrofuran
Concen: 0.879 ug/l
RT: 5.20 min Scan# 663
Delta R.T. 0.04 min
Lab File: VX006034.D
Acq: 15 Nov 2018 21:33

Tgt Ion: 42 Resp: 836
Ion Ratio Lower Upper
42 100
72 34.6 32.0 48.0
71 153.3 29.8 44.8#

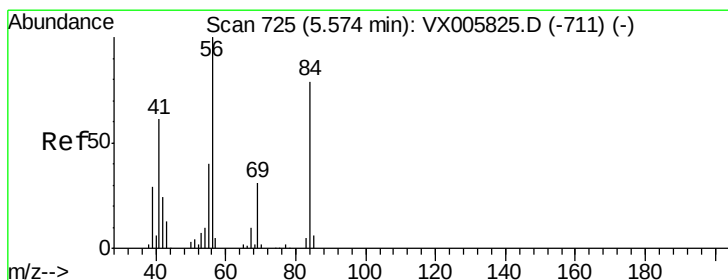
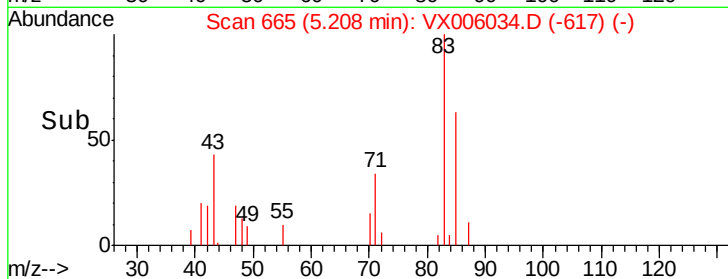
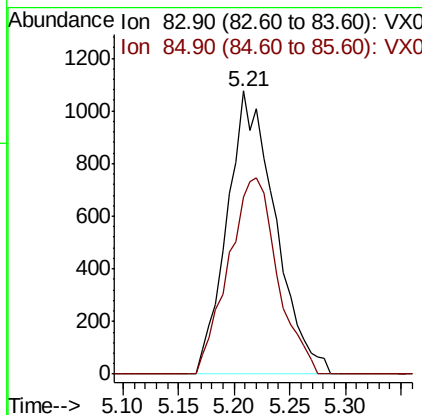
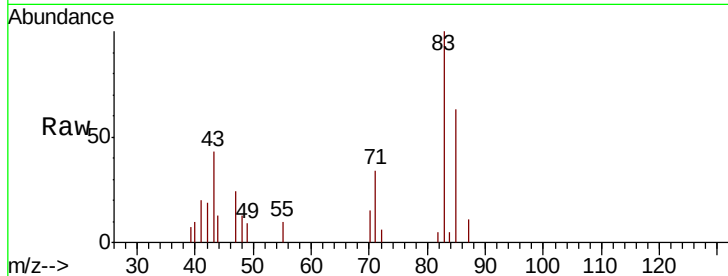




#30
Chloroform
Concen: 1.192 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX006034.D
Acq: 15 Nov 2018 21:33

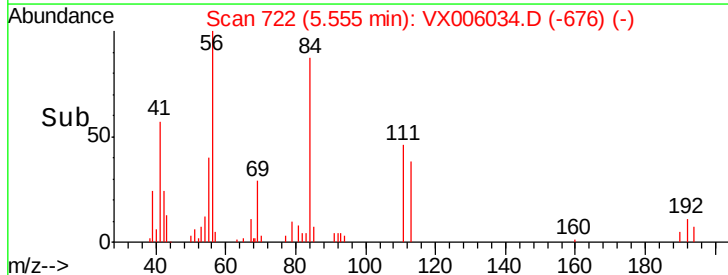
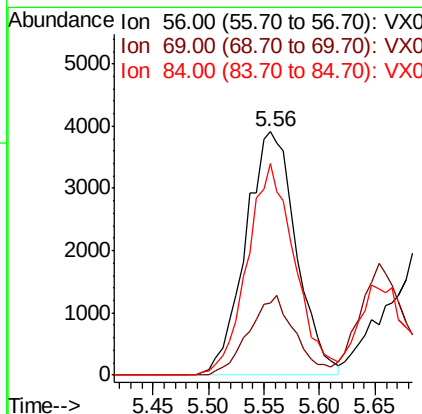
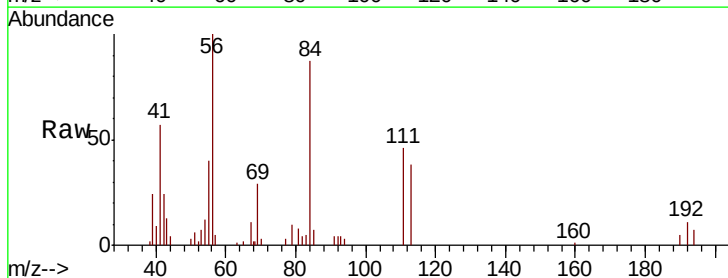
Instrument :
MSVOA_X
ClientSampled :

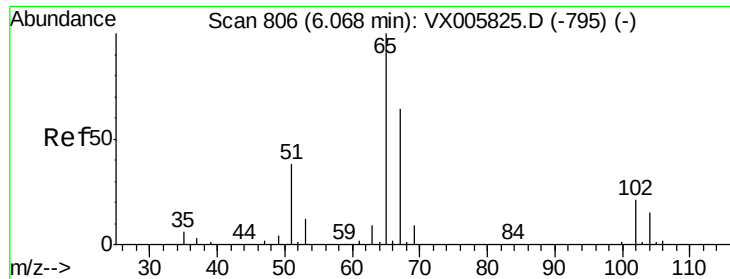
Tot Ion: 83 Resp: 3227
Ion Ratio Lower Upper
83 100
85 62.7 50.6 76.0



#31
Cyclohexane
Concen: 5.086 ug/l
RT: 5.56 min Scan# 722
Delta R.T. -0.02 min
Lab File: VX006034.D
Acq: 15 Nov 2018 21:33

Tgt Ion: 56 Resp: 12393
Ion Ratio Lower Upper
56 100
69 29.4 22.6 34.0
84 86.8 62.7 94.1

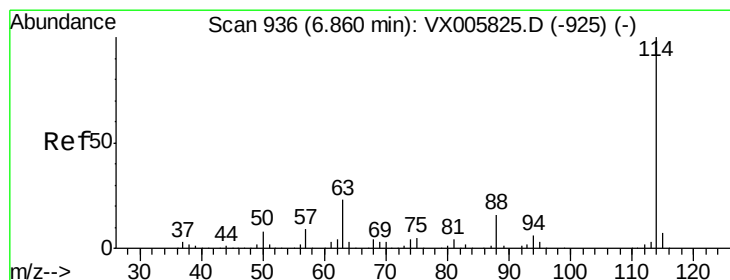
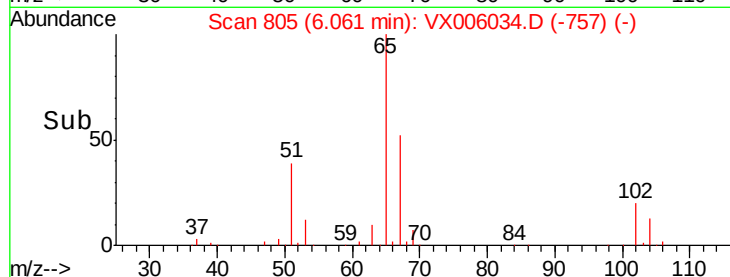
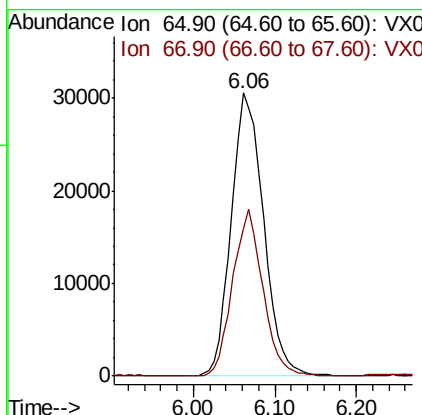
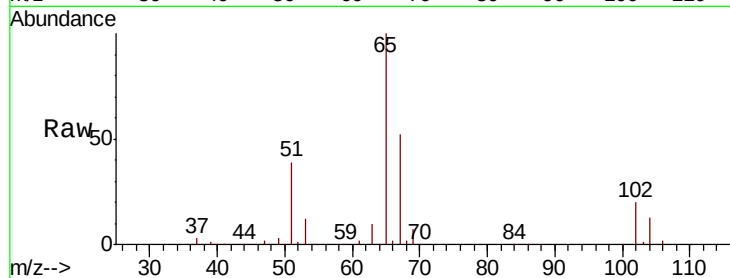




#33
 1,2-Dichloroethane-d4
 Concen: 47.984 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX006034.D
 Acq: 15 Nov 2018 21:33

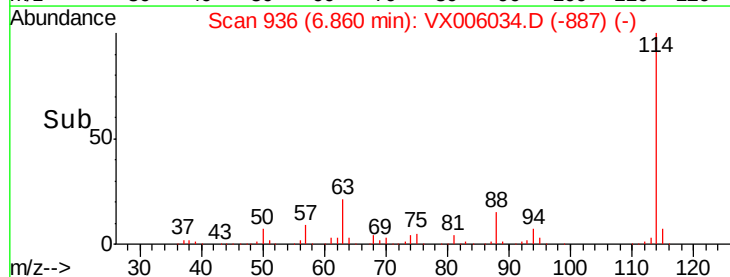
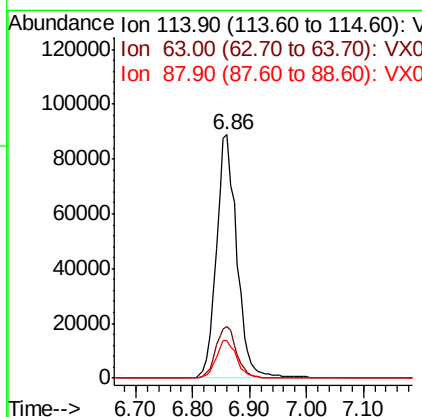
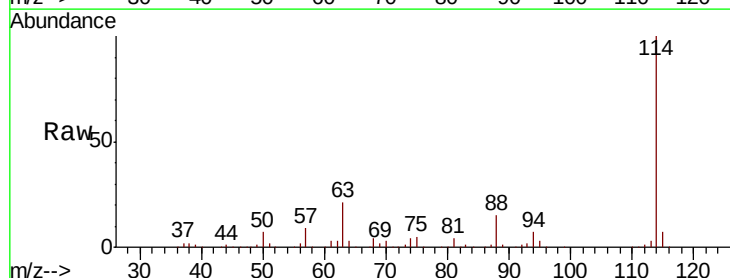
Instrument :
 MSVOA_X
 ClientSampleId :

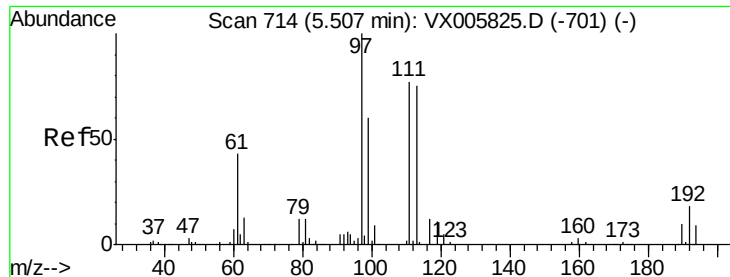
Tot Ion: 65 Resp: 83929
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006034.D
 Acq: 15 Nov 2018 21:33

Tgt Ion: 114 Resp: 221520
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.8
 88 15.2 0.0 31.2





#35

Dibromofluoromethane

Concen: 44.808 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX006034.D

Acq: 15 Nov 2018 21:33

Instrument :

MSVOA_X

ClientSampleId :

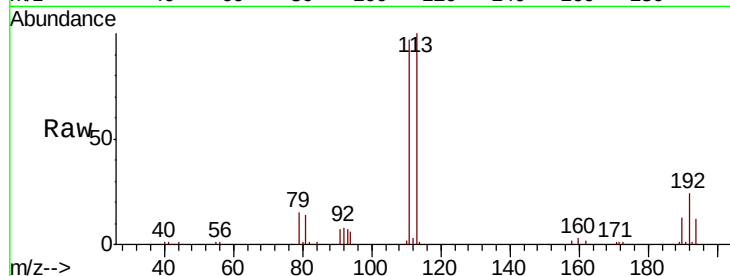
Tot Ion:113 Resp: 67511

Ion Ratio Lower Upper

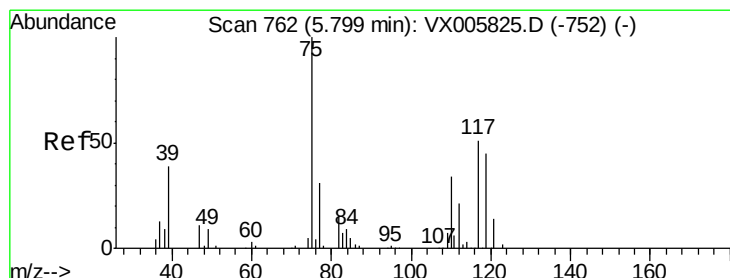
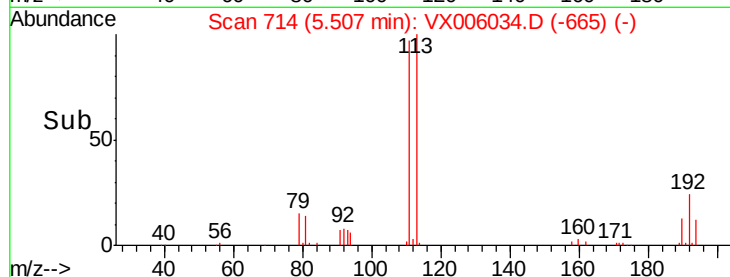
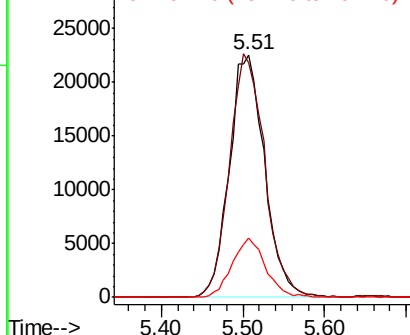
113 100

111 100.3 82.3 123.5

192 23.1 17.9 26.9



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: 4.822 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006034.D

Acq: 15 Nov 2018 21:33

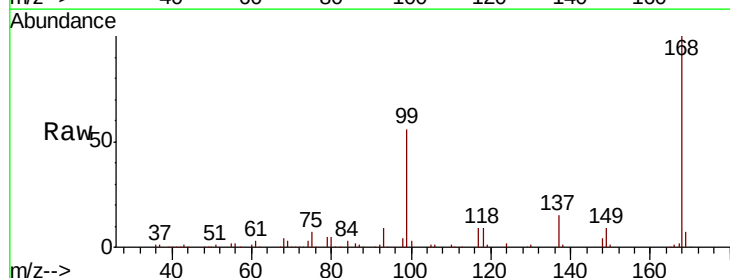
Tgt Ion: 75 Resp: 10297

Ion Ratio Lower Upper

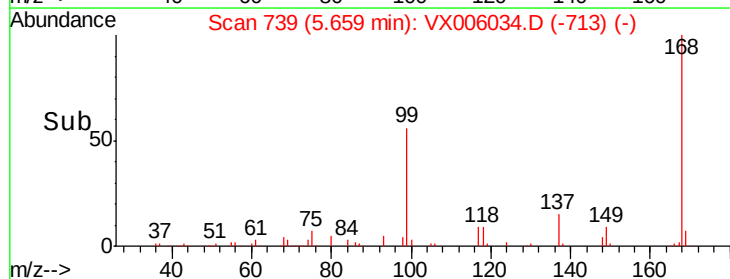
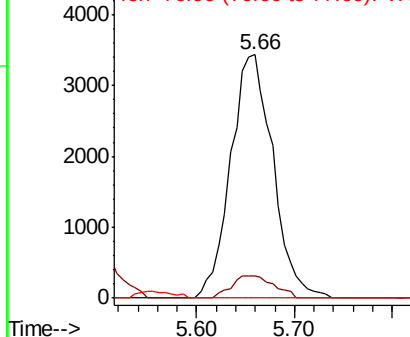
75 100

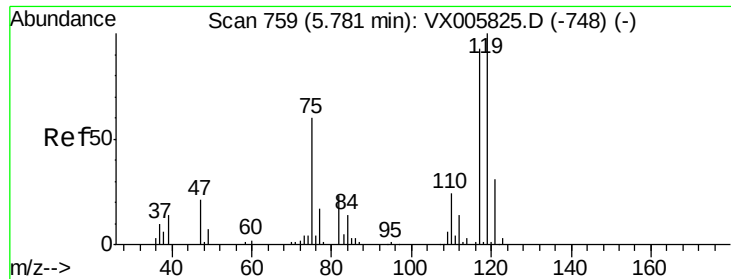
110 9.2 17.4 52.2#

77 0.0 25.8 38.6#



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: 6.246 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX006034.D

Acq: 15 Nov 2018 21:33

Instrument :

MSVOA_X

ClientSampleId :

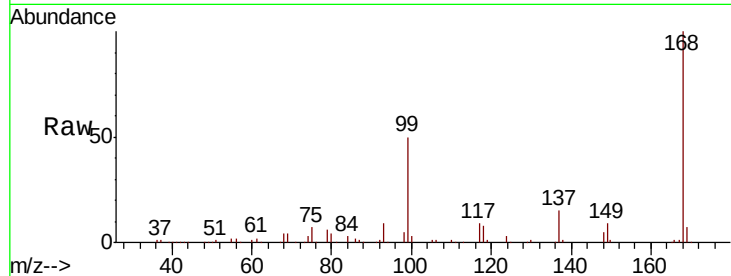
Tot Ion:117 Resp: 13354

Ion Ratio Lower Upper

117 100

119 5.8 78.1 117.1#

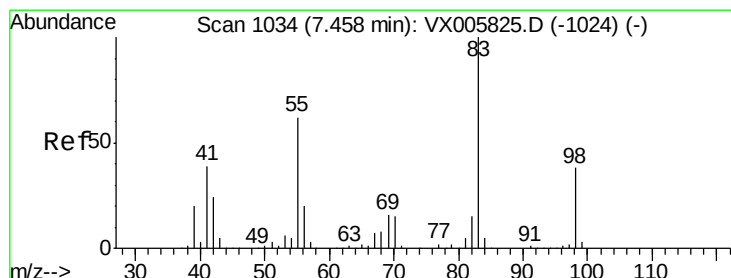
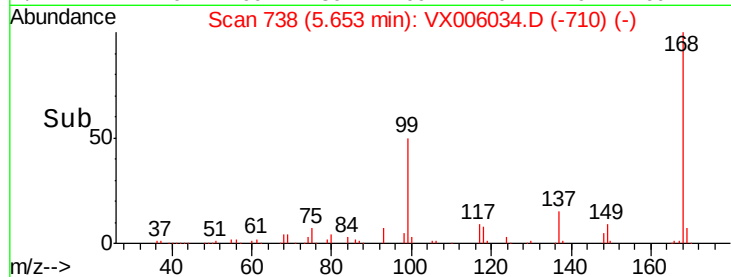
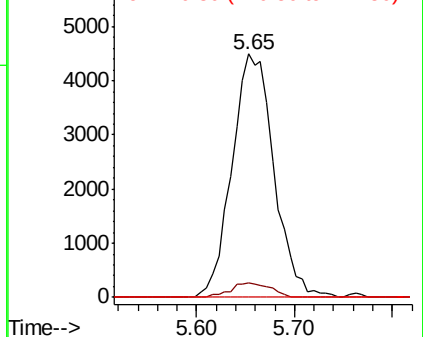
121 0.0 24.6 36.8#



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: 47.385 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX006034.D

Acq: 15 Nov 2018 21:33

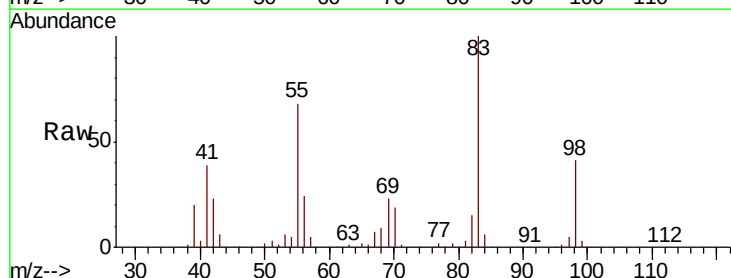
Tgt Ion: 83 Resp: 102561

Ion Ratio Lower Upper

83 100

55 67.5 63.7 95.5

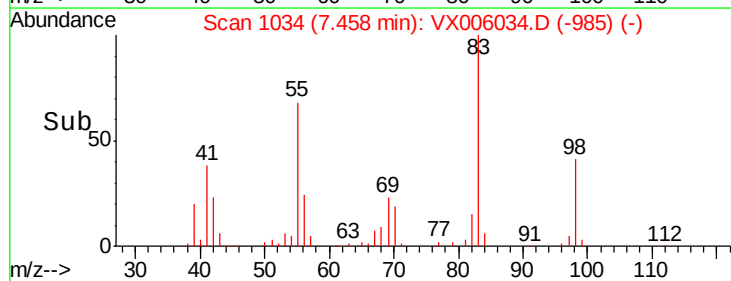
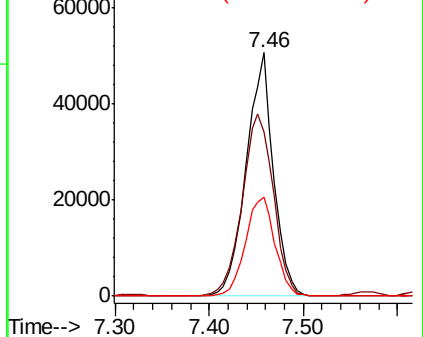
98 40.9 36.2 54.2

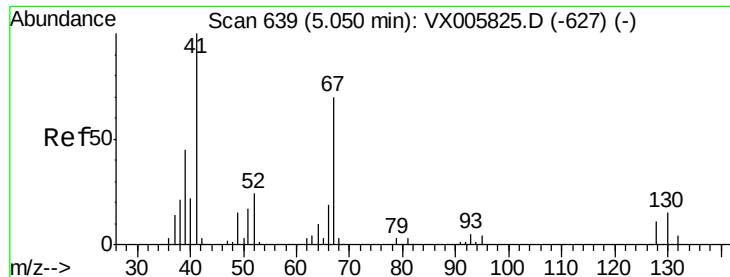


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#41

Methacrylonitrile

Concen: 0.626 ug/l

RT: 5.20 min Scan# 663

Delta R.T. 0.15 min

Lab File: VX006034.D

Acq: 15 Nov 2018 21:33

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 950

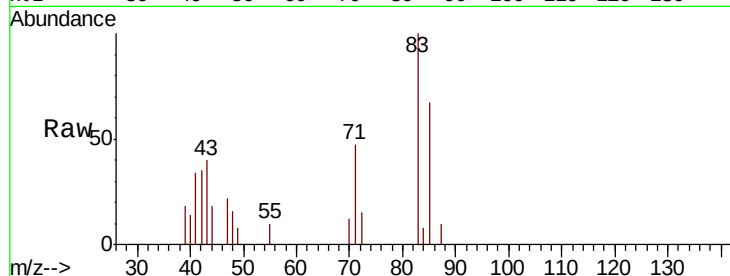
Ion Ratio Lower Upper

41 100

39 36.9 42.2 63.2#

67 0.0 53.4 80.0#

52 0.0 23.4 35.2#

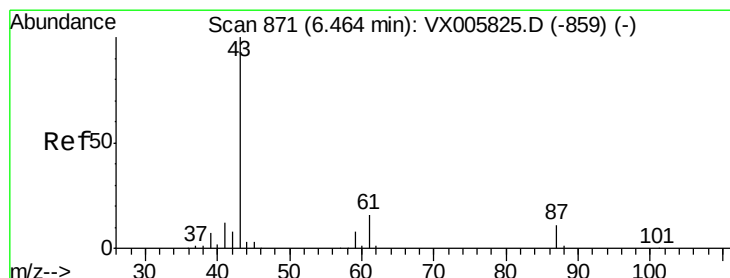
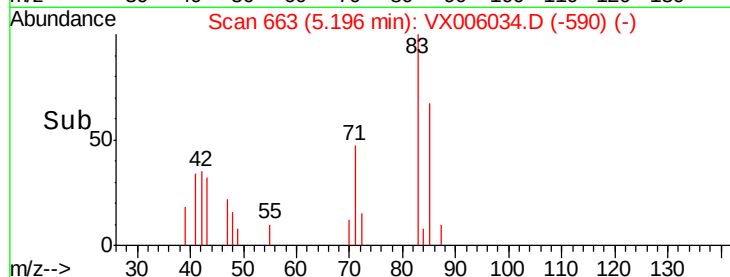
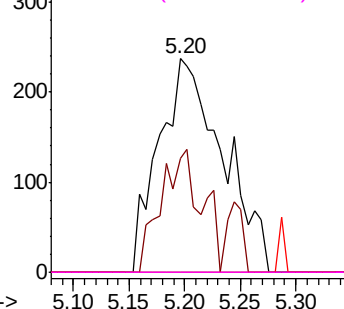


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#43

Isopropyl Acetate

Concen: 0.577 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.02 min

Lab File: VX006034.D

Acq: 15 Nov 2018 21:33

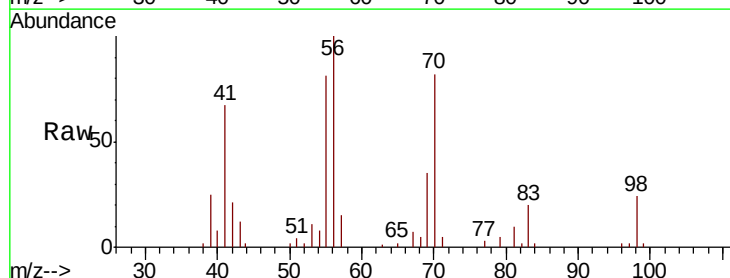
Tgt Ion: 43 Resp: 2347

Ion Ratio Lower Upper

43 100

61 0.0 14.6 22.0#

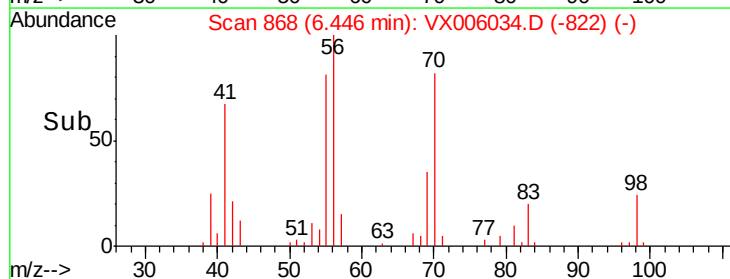
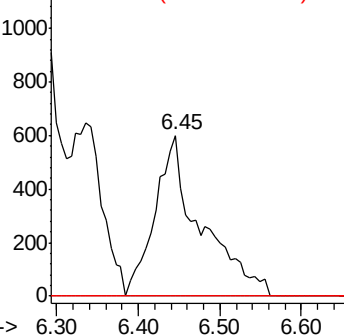
87 0.0 9.6 14.4#

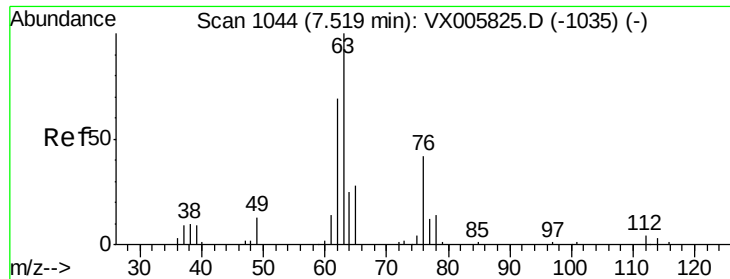


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

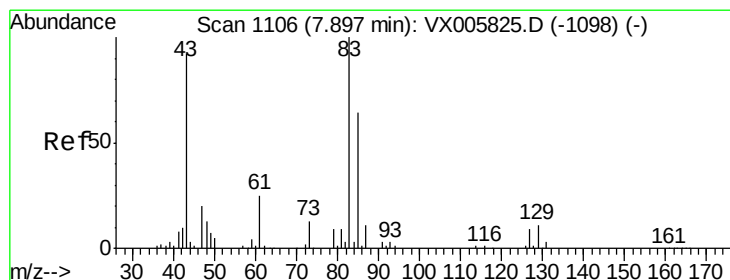
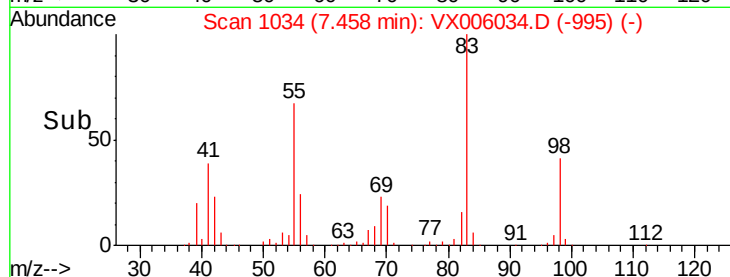
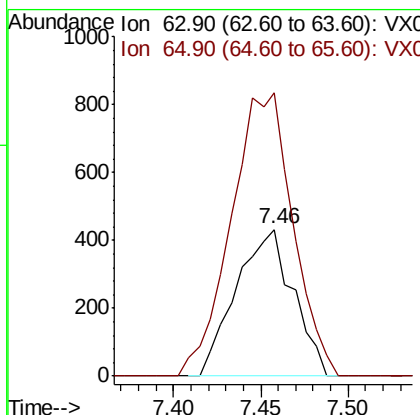
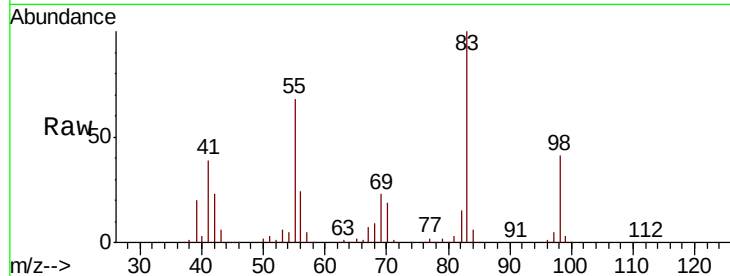




#45
 1,2-Dichloropropane
 Concen: 0.653 ug/l
 RT: 7.46 min Scan# 1034
 Delta R.T. -0.06 min
 Lab File: VX006034.D
 Acq: 15 Nov 2018 21:33

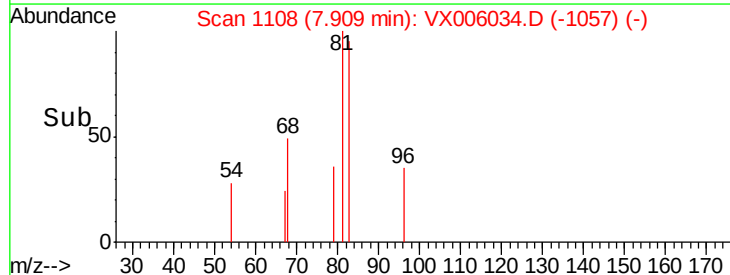
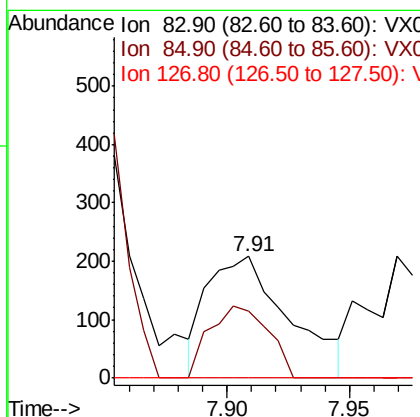
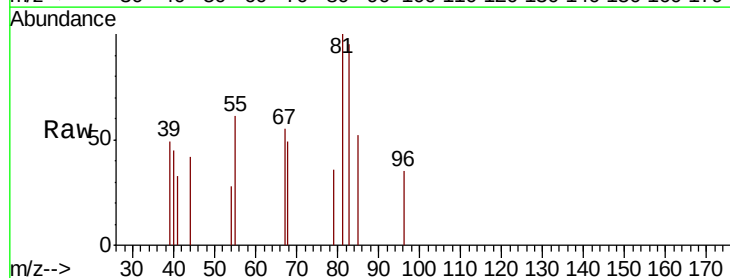
Instrument :
 MSVOA_X
 ClientSampled :

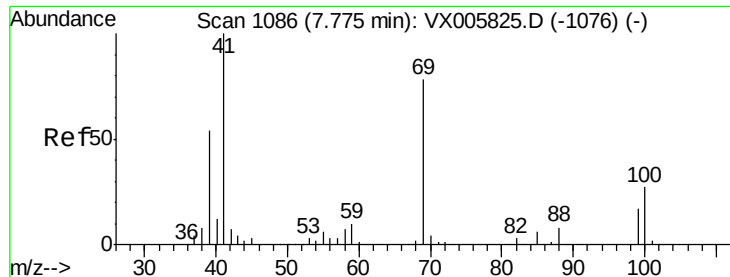
Tot Ion: 63 Resp: 987
 Ion Ratio Lower Upper
 63 100
 65 193.1 24.8 37.2#



#47
 Bromodichloromethane
 Concen: 0.267 ug/l
 RT: 7.91 min Scan# 1108
 Delta R.T. 0.01 min
 Lab File: VX006034.D
 Acq: 15 Nov 2018 21:33

Tgt Ion: 83 Resp: 479
 Ion Ratio Lower Upper
 83 100
 85 79.7 50.2 75.4#
 127 0.0 6.9 10.3#

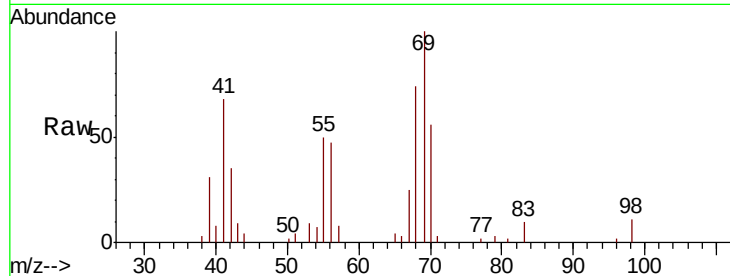




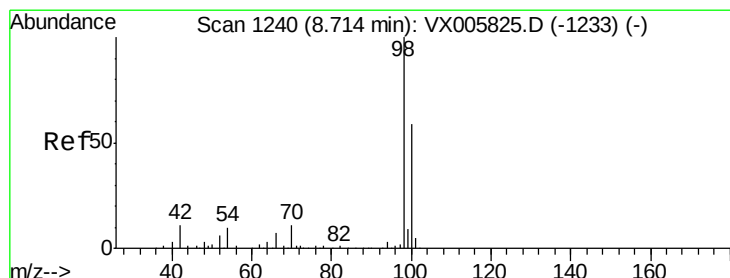
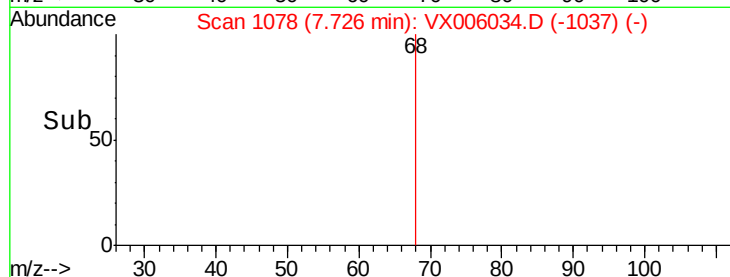
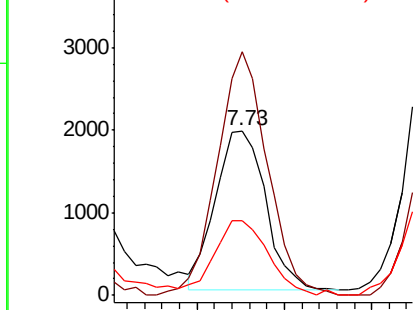
#48
Methvl methacrylate
Concen: 2.109 ug/l
RT: 7.73 min Scan# 1078
Delta R.T. -0.05 min
Lab File: VX006034.D
Acq: 15 Nov 2018 21:33

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 41 Resp: 3854
Ion Ratio Lower Upper
41 100
69 153.0 63.2 94.8#
39 50.6 42.2 63.2

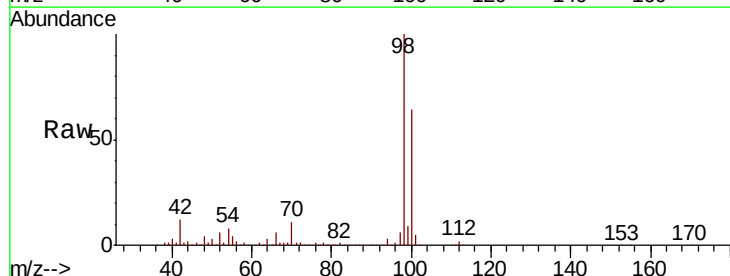


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

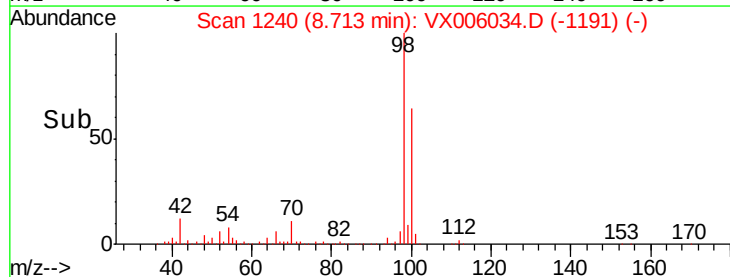
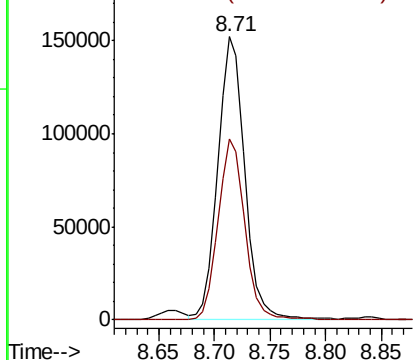


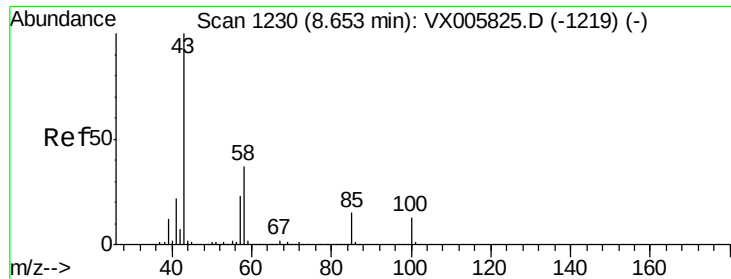
#50
Toluene-d8
Concen: 50.489 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006034.D
Acq: 15 Nov 2018 21:33

Tgt Ion: 98 Resp: 252899
Ion Ratio Lower Upper
98 100
100 64.0 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 5.674 ug/l

RT: 8.66 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VX006034.D

Acq: 15 Nov 2018 21:33

Instrument :

MSVOA_X

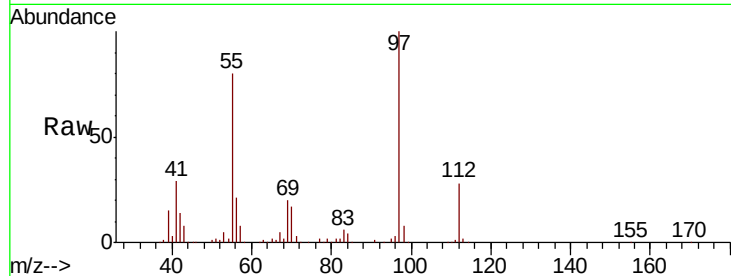
ClientSampleId :

Tot Ion: 43 Resp: 14552

Ion Ratio Lower Upper

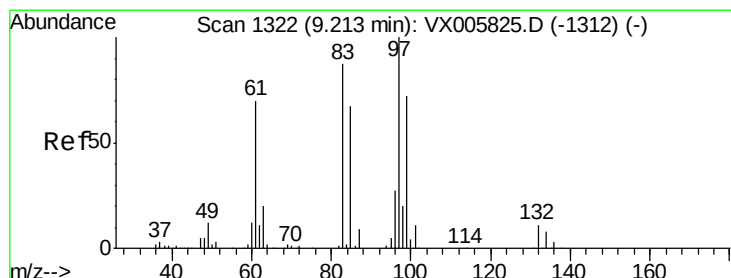
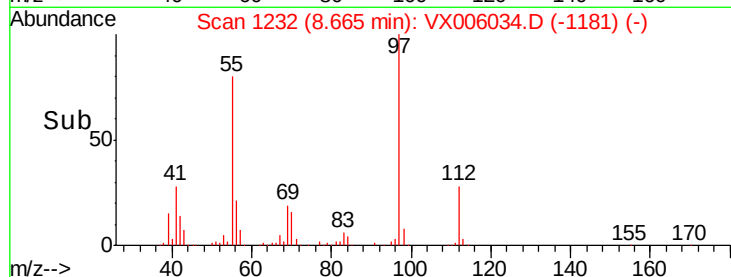
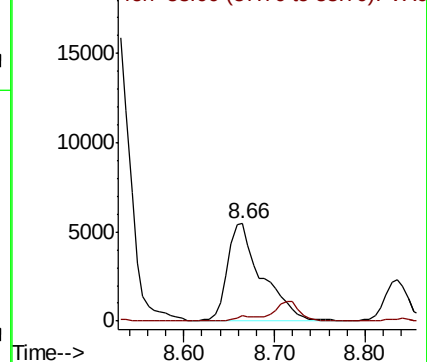
43 100

58 0.0 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#55

1,1,2-Trichloroethane

Concen: 26.450 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.05 min

Lab File: VX006034.D

Acq: 15 Nov 2018 21:33

Tgt Ion: 97 Resp: 41015

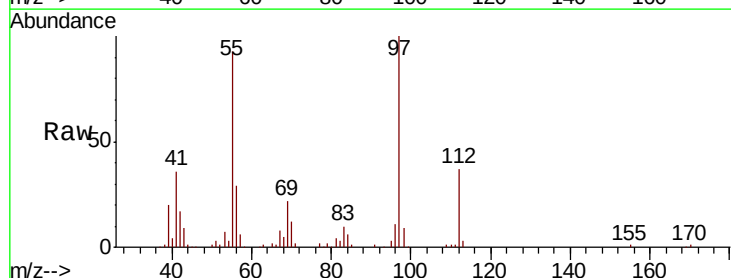
Ion Ratio Lower Upper

97 100

83 9.2 70.7 106.1#

85 0.5 45.8 68.6#

99 0.4 51.8 77.8#

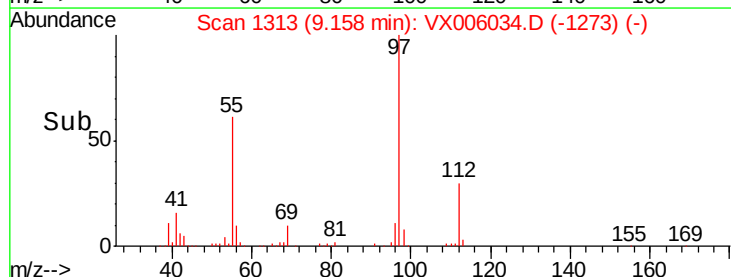
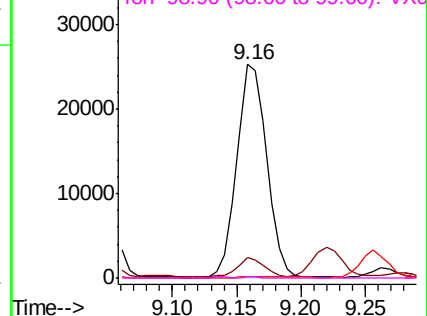


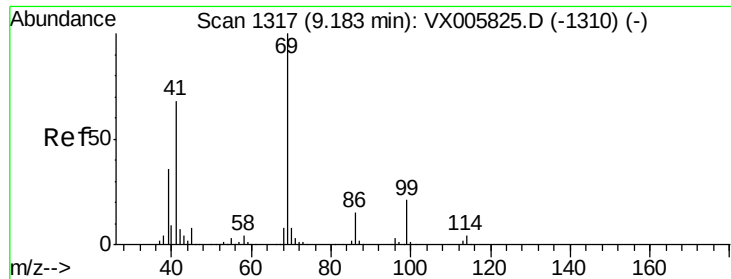
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#56

Ethyl methacrylate

Concen: 4.188 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.02 min

Lab File: VX006034.D

Acq: 15 Nov 2018 21:33

Instrument :
MSVOA_X
ClientSampleId :

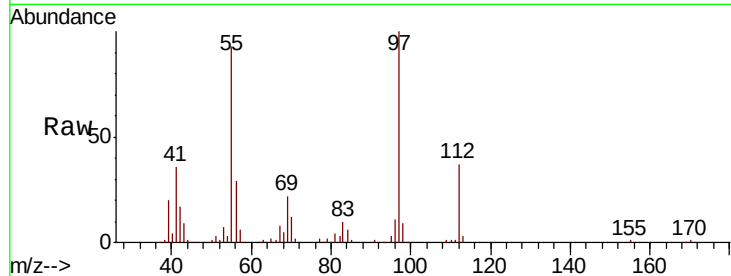
Tot Ion: 69 Resp: 9716

Ion Ratio Lower Upper

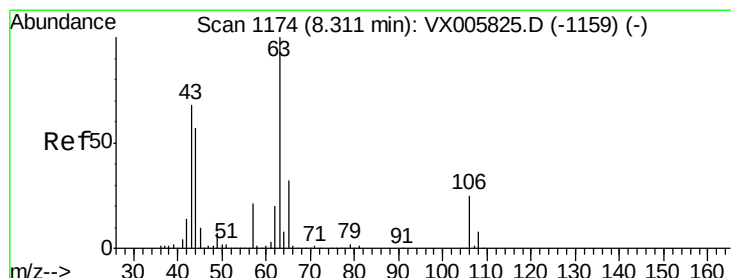
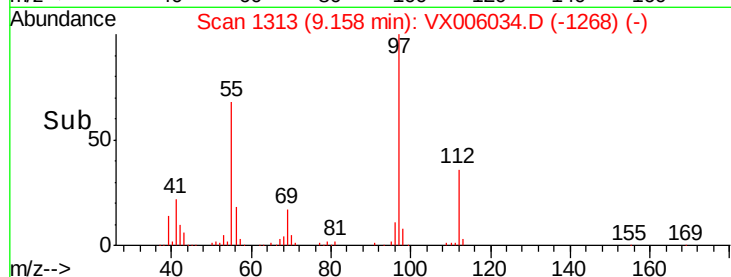
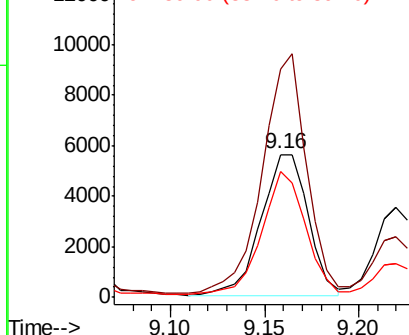
69 100

41 158.6 57.0 85.6#

39 81.4 28.3 42.5#



Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 8.293 ug/l

RT: 8.24 min Scan# 1163

Delta R.T. -0.07 min

Lab File: VX006034.D

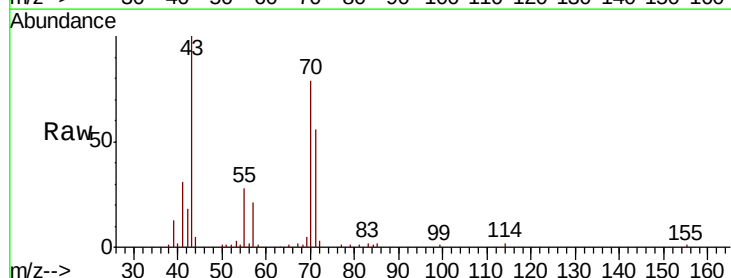
Acq: 15 Nov 2018 21:33

Tgt Ion: 63 Resp: 19

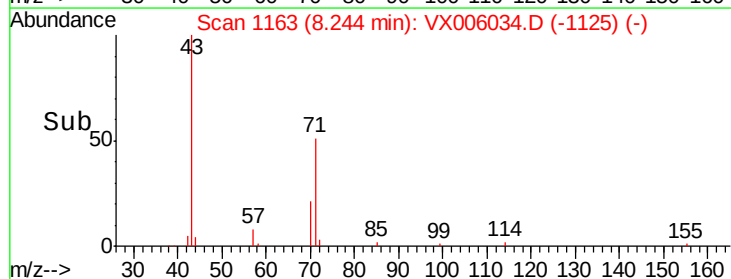
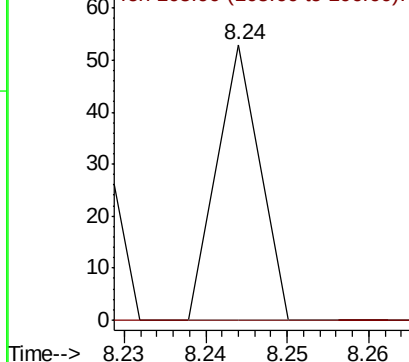
Ion Ratio Lower Upper

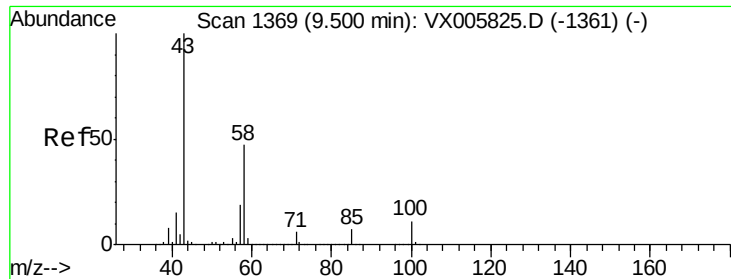
63 100

106 0.0 21.3 31.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 105.90 (105.60 to 106.60): V

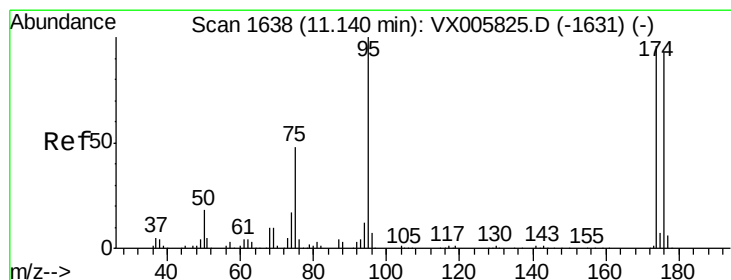
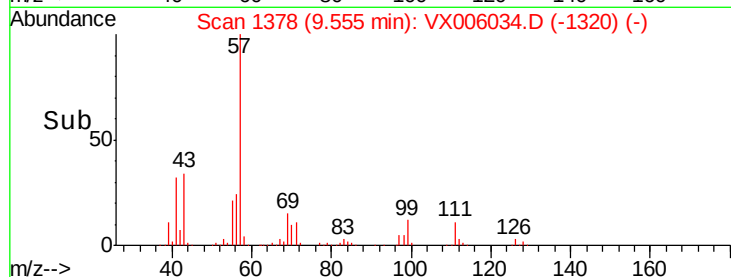
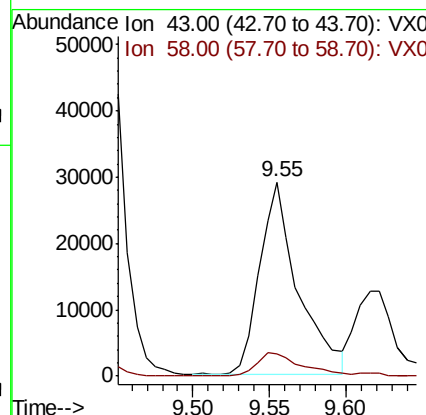
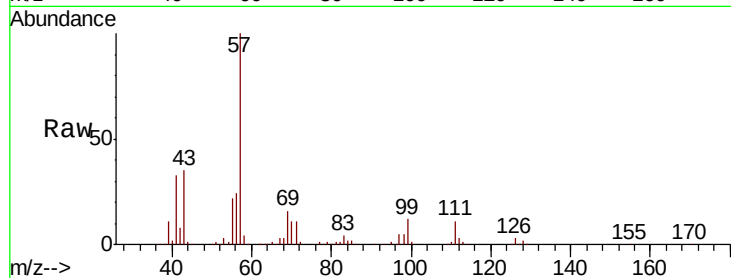




#59
2-Hexanone
Concen: 22.316 ug/l
RT: 9.55 min Scan# 1378
Delta R.T. 0.05 min
Lab File: VX006034.D
Acq: 15 Nov 2018 21:33

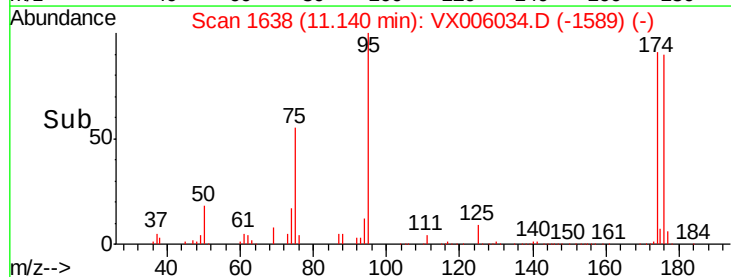
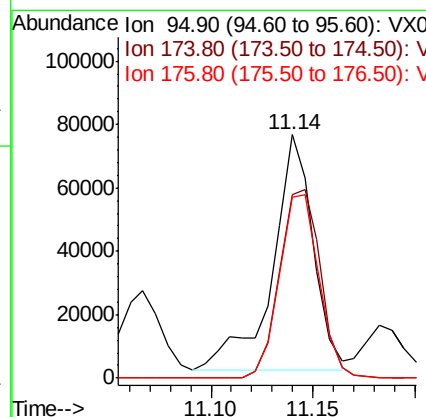
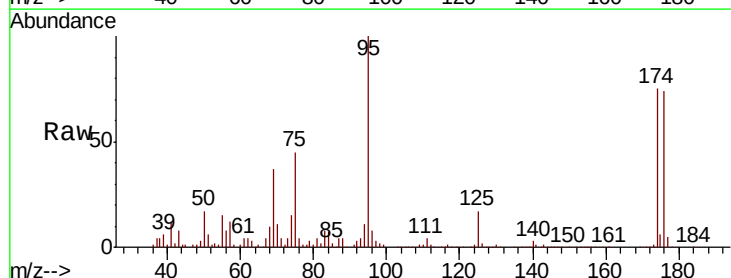
Instrument :
MSVOA_X
ClientSampleId :

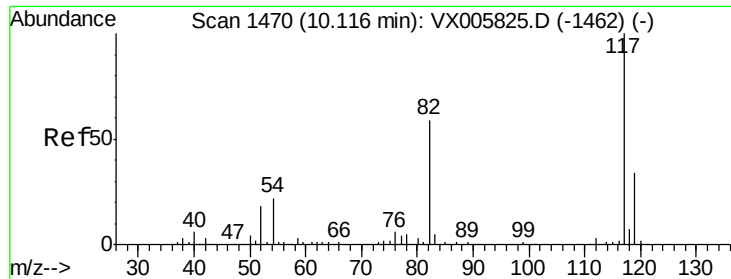
Tot Ion: 43 Resp: 50446
Ion Ratio Lower Upper
43 100
58 14.0 25.9 77.8#



#62
4-Bromofluorobenzene
Concen: 57.686 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX006034.D
Acq: 15 Nov 2018 21:33

Tgt Ion: 95 Resp: 103888
Ion Ratio Lower Upper
95 100
174 80.5 0.0 184.4
176 76.2 0.0 177.4

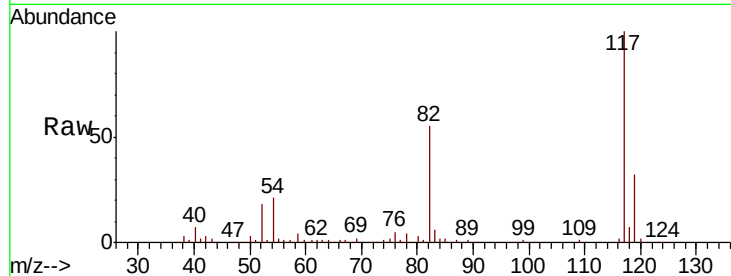




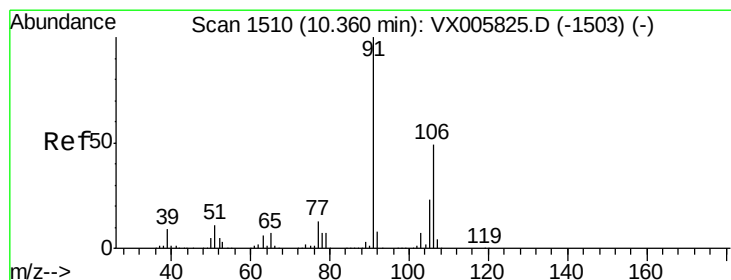
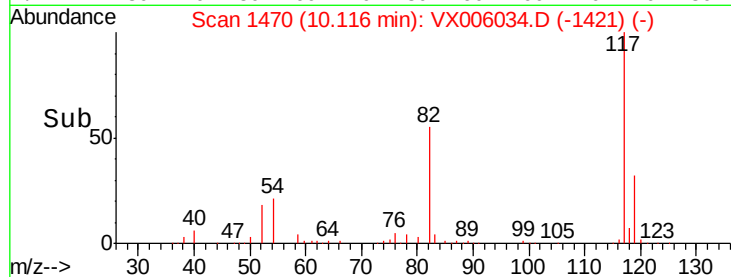
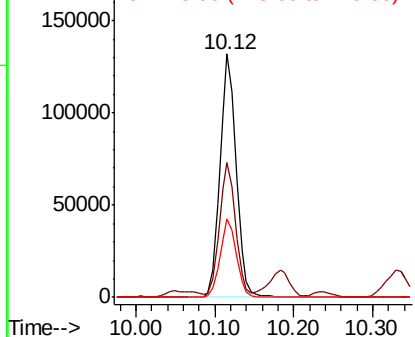
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006034.D
Acq: 15 Nov 2018 21:33

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 189575
Ion Ratio Lower Upper
117 100
82 54.6 44.1 66.1
119 32.2 26.2 39.2

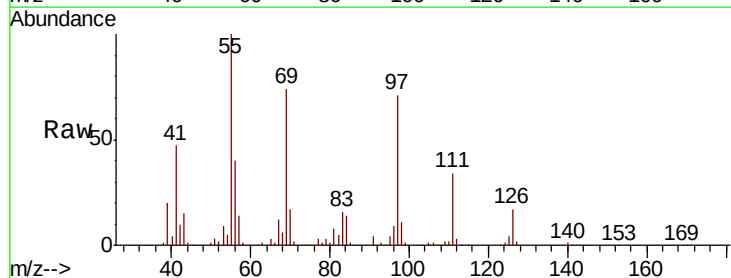


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

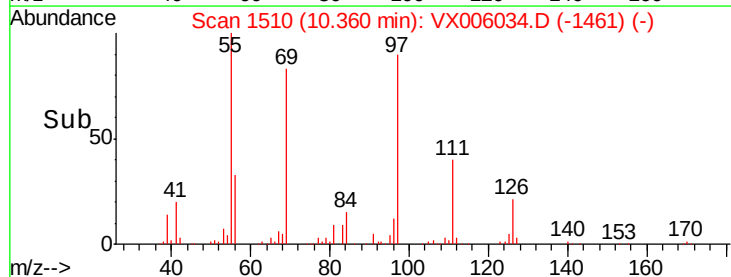
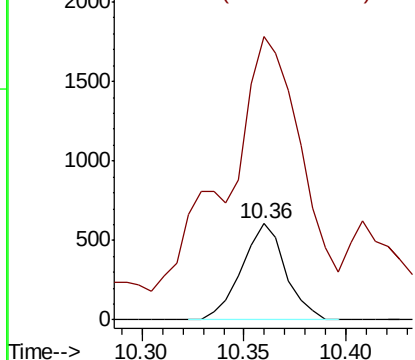


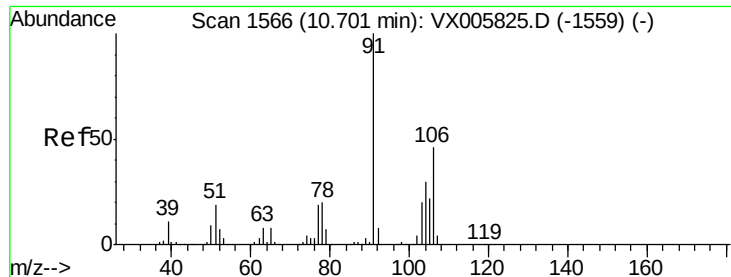
#68
m/p-Xylenes
Concen: 0.392 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006034.D
Acq: 15 Nov 2018 21:33

Tgt Ion:106 Resp: 910
Ion Ratio Lower Upper
106 100
91 467.1 164.2 246.4#



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

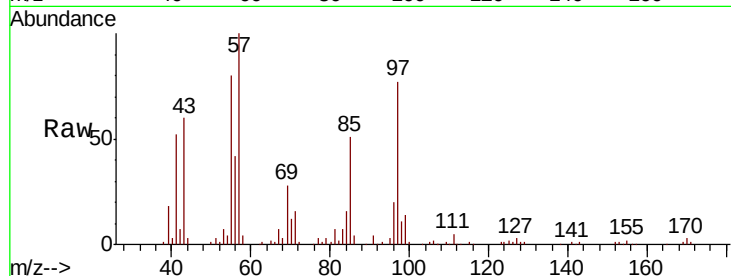




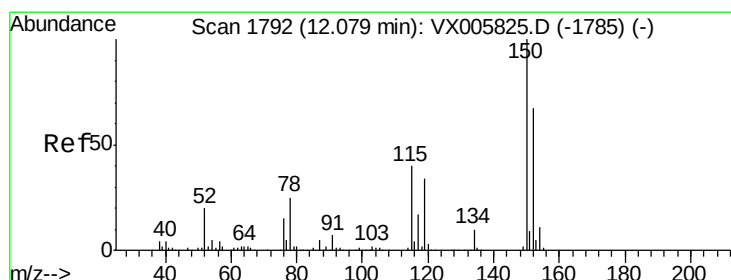
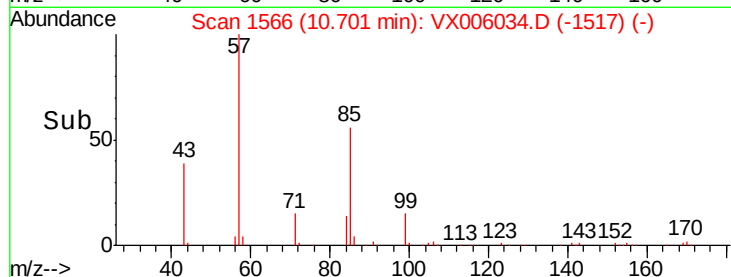
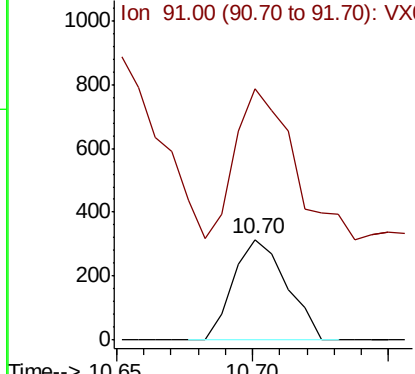
#69
o-Xylene
Concen: 0.204 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006034.D
Acq: 15 Nov 2018 21:33

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 424
Ion Ratio Lower Upper
106 100
91 175.5 108.5 325.5

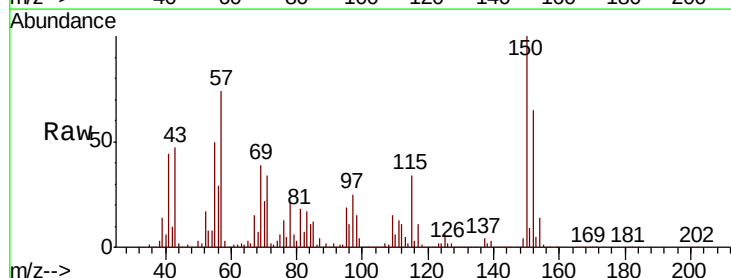


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

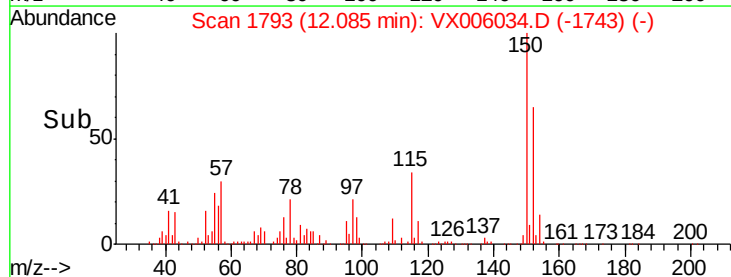
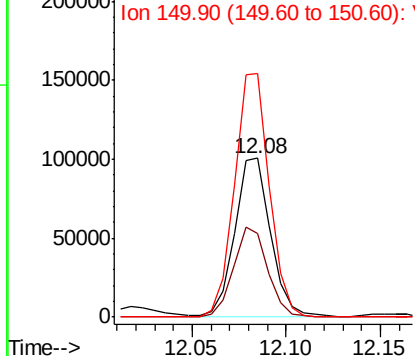


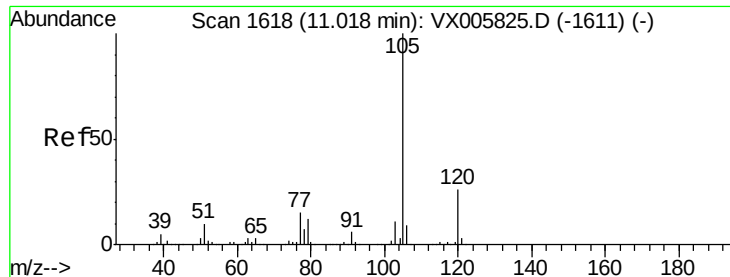
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1793
Delta R.T. 0.01 min
Lab File: VX006034.D
Acq: 15 Nov 2018 21:33

Tgt Ion:152 Resp: 131363
Ion Ratio Lower Upper
152 100
115 54.1 39.4 118.1
150 150.5 0.0 346.4



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: 13.571 ug/l

RT: 11.02 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VX006034.D

Acq: 15 Nov 2018 21:33

Instrument :

MSVOA_X

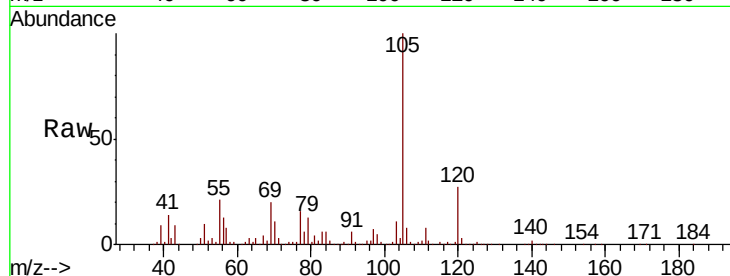
ClientSampleId :

Tot Ion:105 Resp: 103090

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

80000

60000

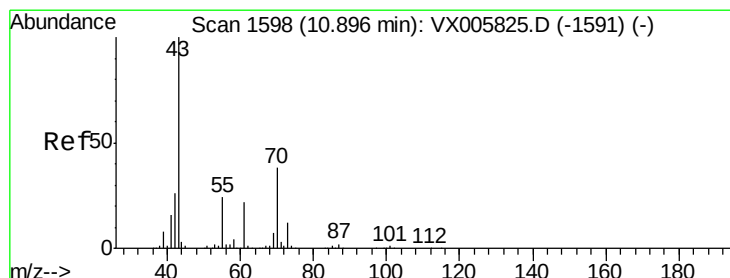
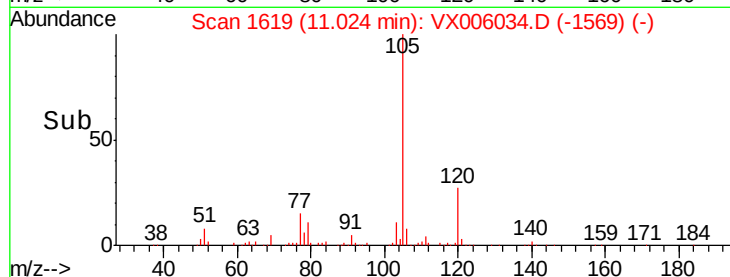
40000

20000

0

11.02

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 36.395 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX006034.D

Acq: 15 Nov 2018 21:33

Tgt Ion: 43 Resp: 153640

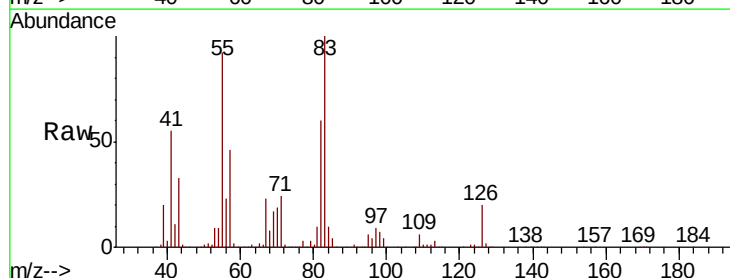
Ion Ratio Lower Upper

43 100

70 67.9 31.6 47.4#

55 211.2 19.7 29.5#

61 0.0 18.3 27.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

300000

250000

200000

150000

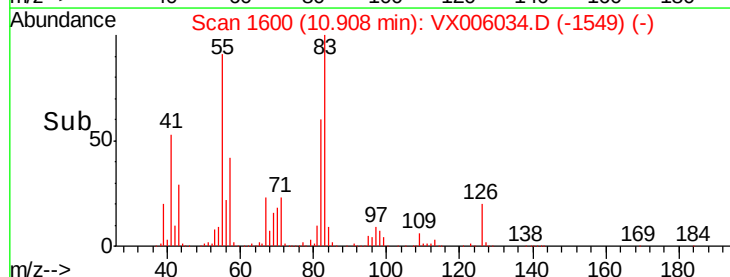
100000

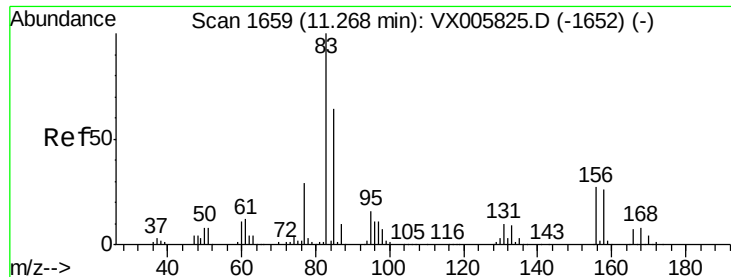
50000

0

10.91

Time--> 10.85 10.90 10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 32.211 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX006034.D

Acq: 15 Nov 2018 21:33

Instrument :

MSVOA_X

ClientSampleId :

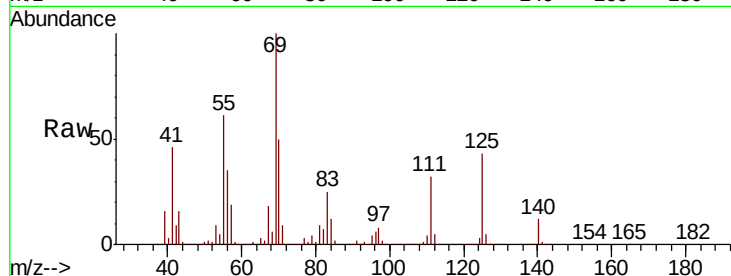
Tot Ion: 83 Resp: 89815

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

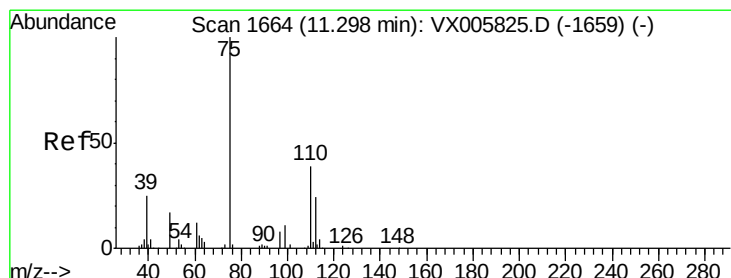
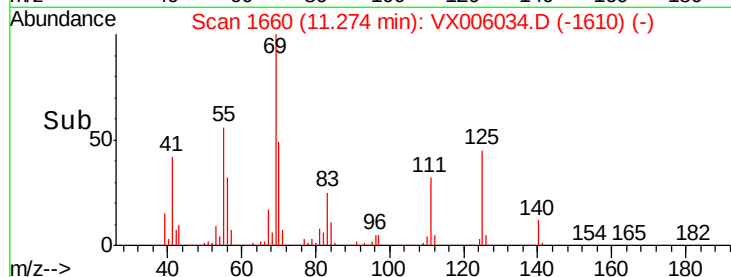
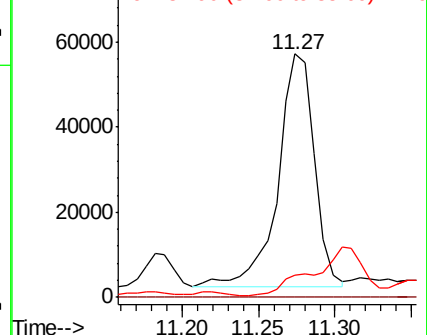
85 0.0 32.0 96.2#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 0.664 ug/l

RT: 11.37 min Scan# 1675

Delta R.T. 0.07 min

Lab File: VX006034.D

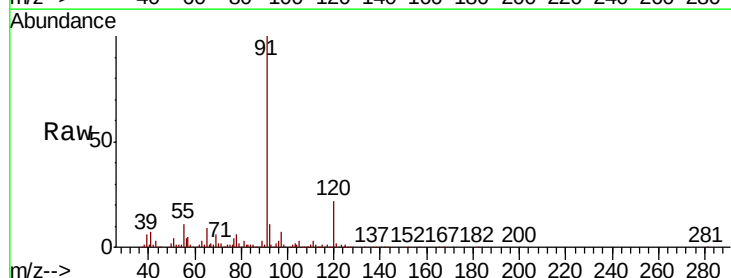
Acq: 15 Nov 2018 21:33

Tgt Ion: 75 Resp: 1776

Ion Ratio Lower Upper

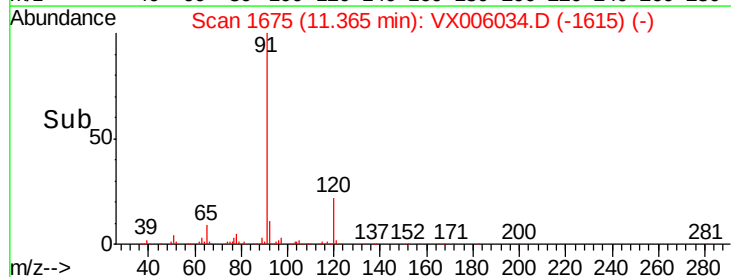
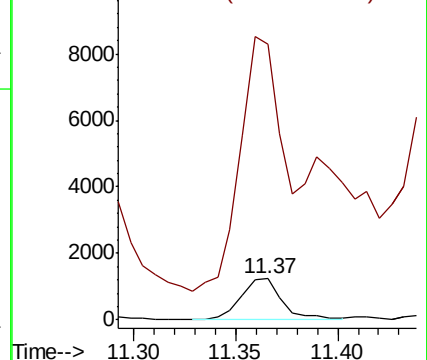
75 100

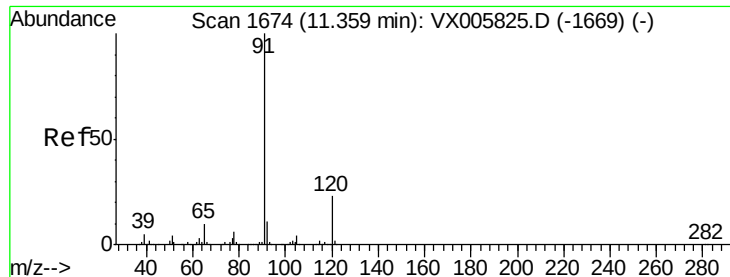
77 686.4 20.5 61.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 30.957 ug/l

RT: 11.37 min Scan# 1675

Delta R.T. 0.01 min

Lab File: VX006034.D

Acq: 15 Nov 2018 21:33

Instrument :

MSVOA_X

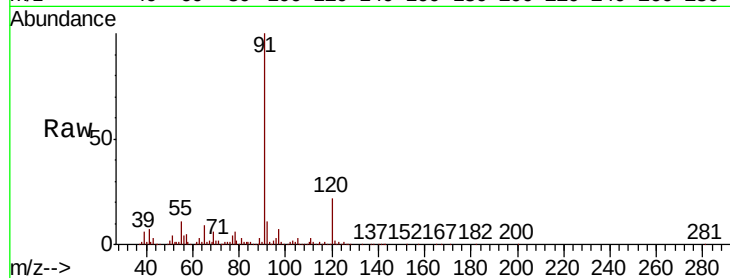
ClientSampled :

Tot Ion: 91 Resp: 277155

Ion Ratio Lower Upper

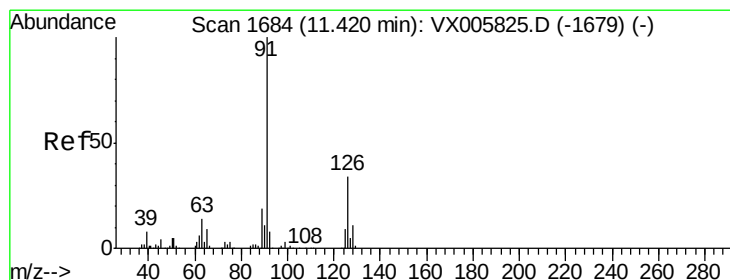
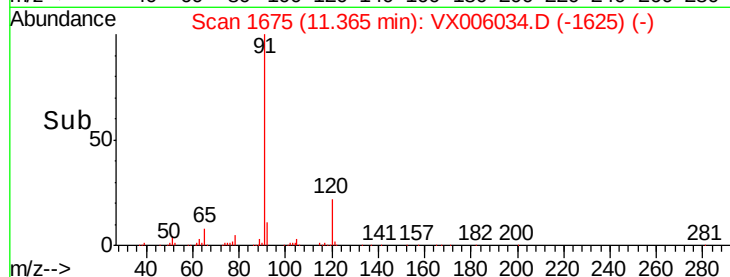
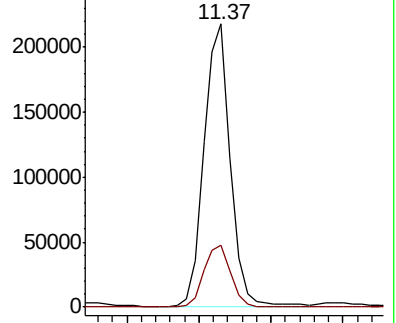
91 100

120 22.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 51.217 ug/l

RT: 11.37 min Scan# 1675

Delta R.T. -0.05 min

Lab File: VX006034.D

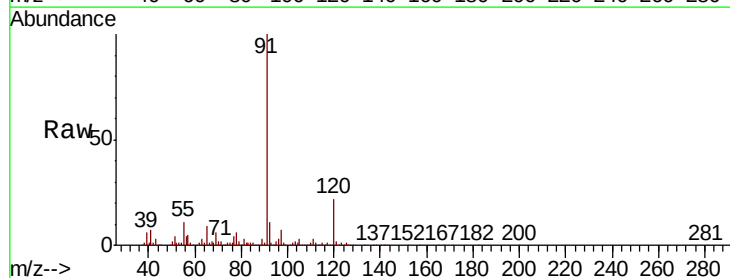
Acq: 15 Nov 2018 21:33

Tgt Ion: 91 Resp: 277155

Ion Ratio Lower Upper

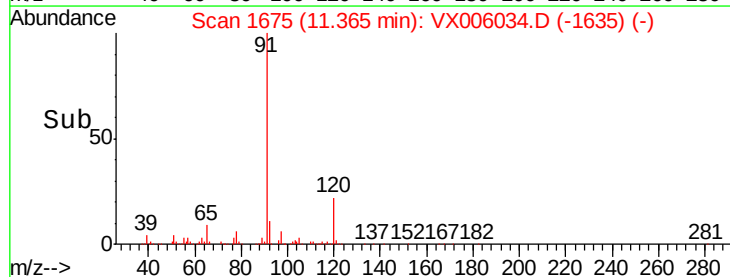
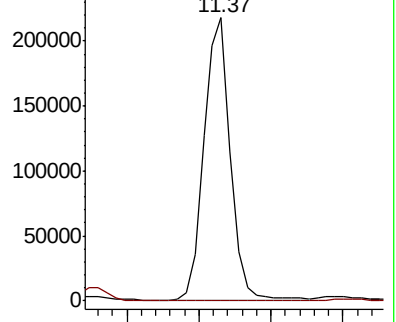
91 100

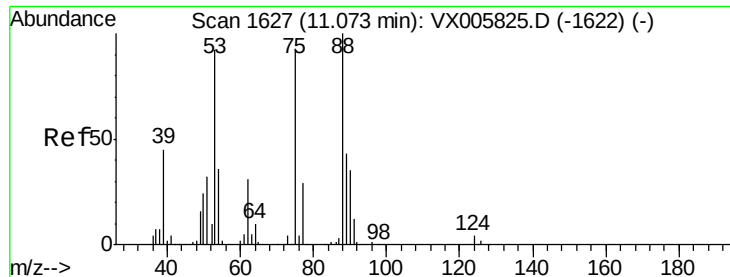
126 0.3 17.3 52.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

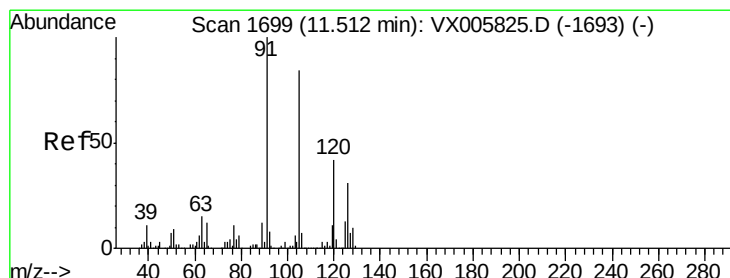
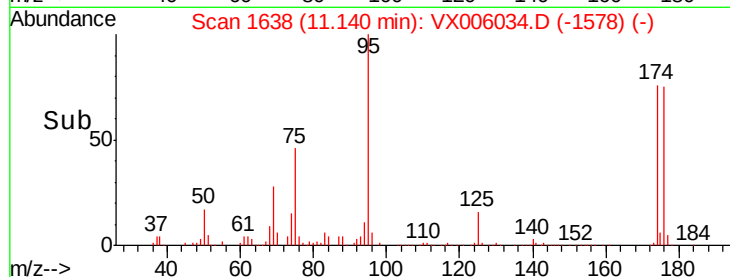
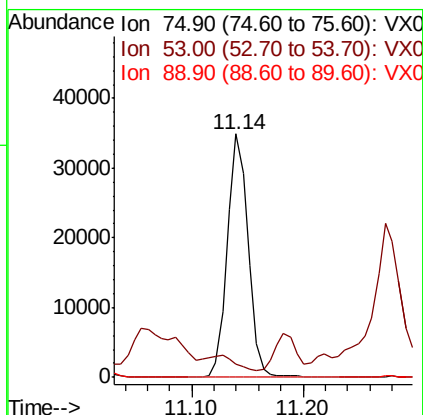
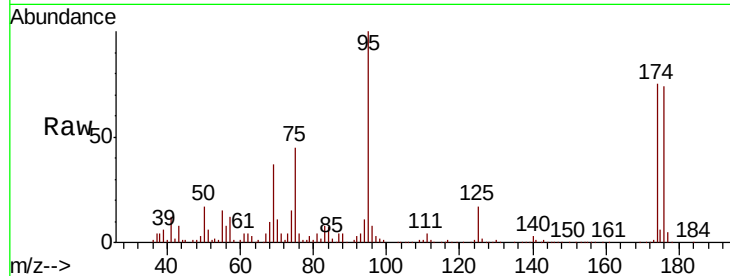




#81
trans-1,4-Dichloro-2-butene
Concen: 53.760 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX006034.D
Acq: 15 Nov 2018 21:33

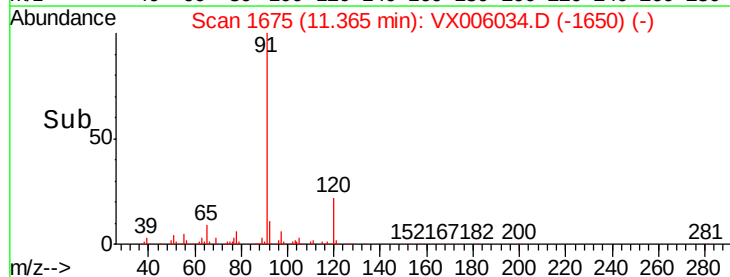
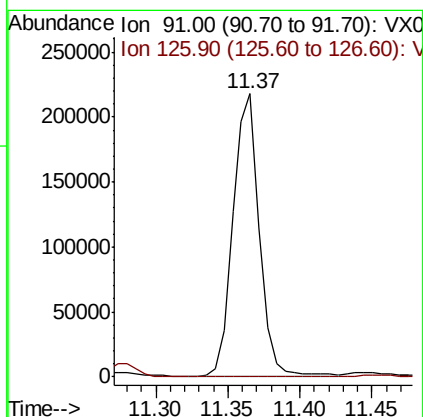
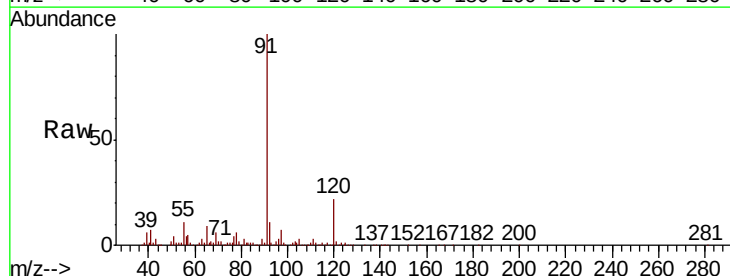
Instrument :
MSVOA_X
ClientSampleId :

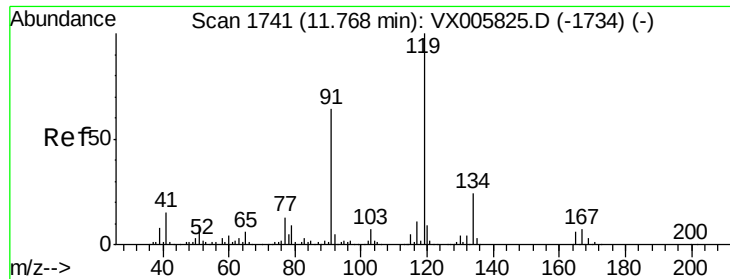
Tot Ion: 75 Resp: 45118
Ion Ratio Lower Upper
75 100
53 7.0 80.2 120.2#
89 0.0 39.8 59.8#



#82
4-Chlorotoluene
Concen: 43.458 ug/l
RT: 11.37 min Scan# 1675
Delta R.T. -0.15 min
Lab File: VX006034.D
Acq: 15 Nov 2018 21:33

Tgt Ion: 91 Resp: 277155
Ion Ratio Lower Upper
91 100
126 0.3 15.2 45.6#

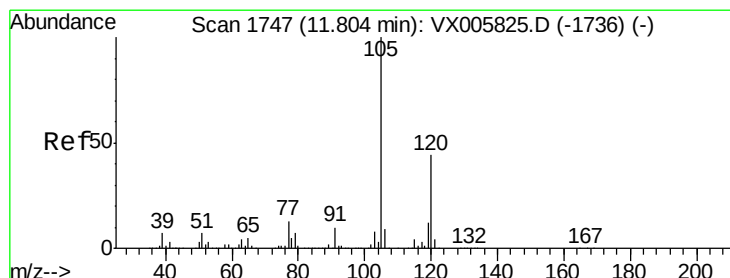
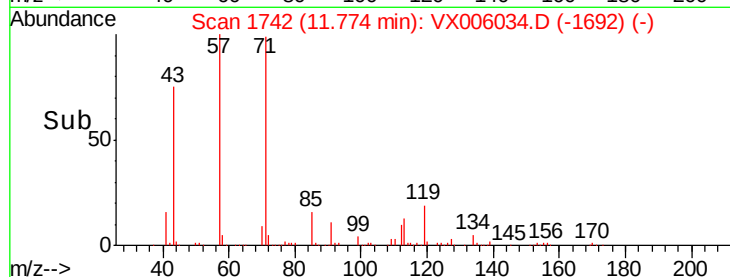
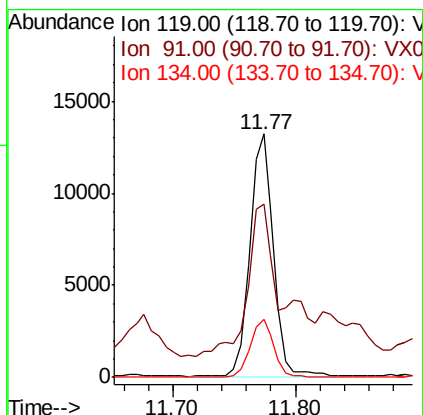
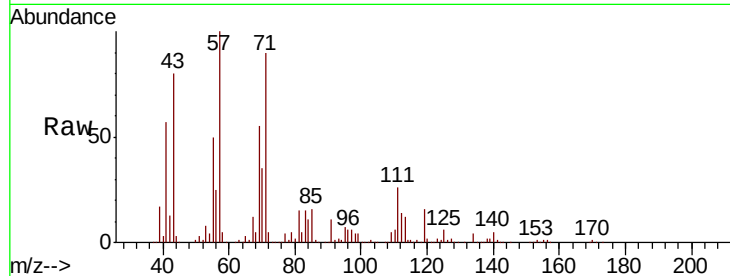




#83
 tert-Butylbenzene
 Concen: 2.747 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.01 min
 Lab File: VX006034.D
 Acq: 15 Nov 2018 21:33

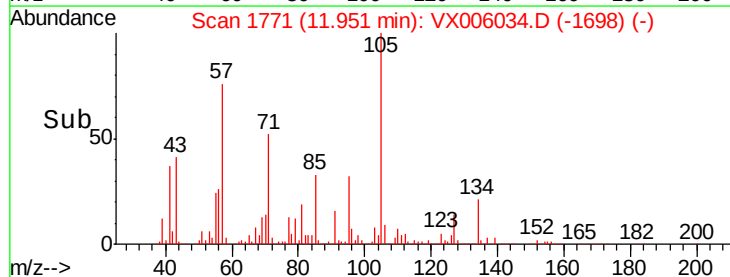
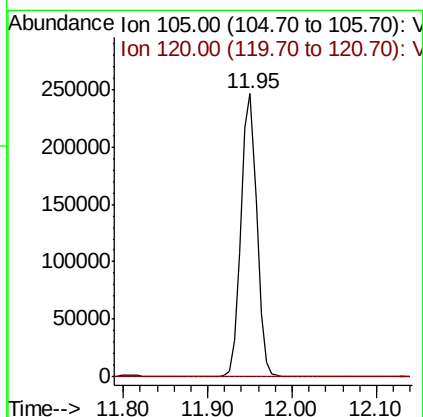
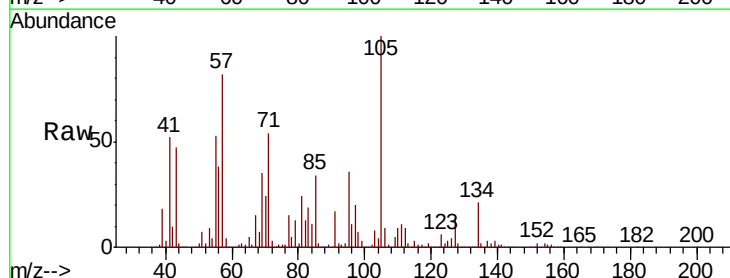
Instrument :
 MSVOA_X
 ClientSampleId :

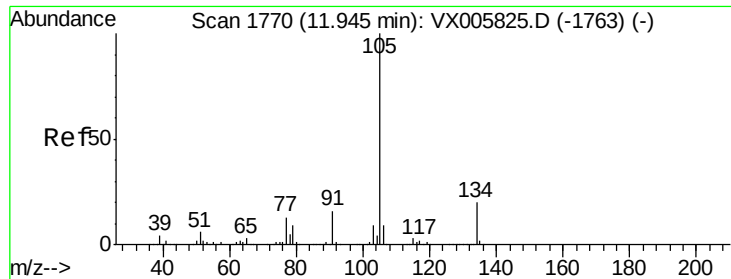
Tot Ion:119 Resp: 17938
 Ion Ratio Lower Upper
 119 100
 91 70.8 28.5 85.5
 134 23.5 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 42.875 ug/l
 RT: 11.95 min Scan# 1771
 Delta R.T. 0.15 min
 Lab File: VX006034.D
 Acq: 15 Nov 2018 21:33

Tgt Ion:105 Resp: 305572
 Ion Ratio Lower Upper
 105 100
 120 0.3 22.4 67.0#





#85

sec-Butylbenzene

Concen: 38.262 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.01 min

Lab File: VX006034.D

Acq: 15 Nov 2018 21:33

Instrument :

MSVOA_X

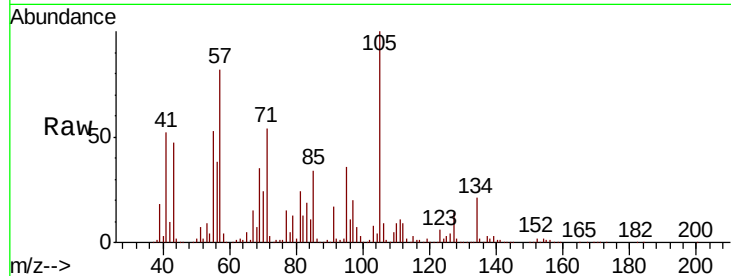
ClientSampled :

Tot Ion:105 Resp: 305572

Ion Ratio Lower Upper

105 100

134 28.2 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

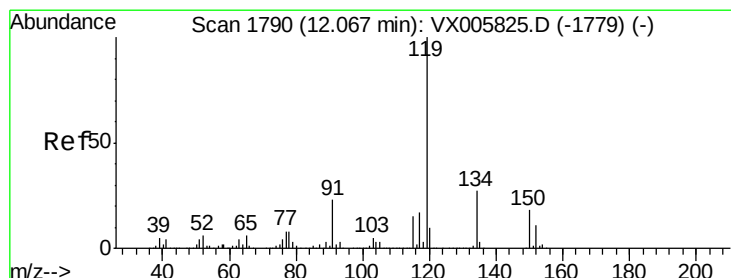
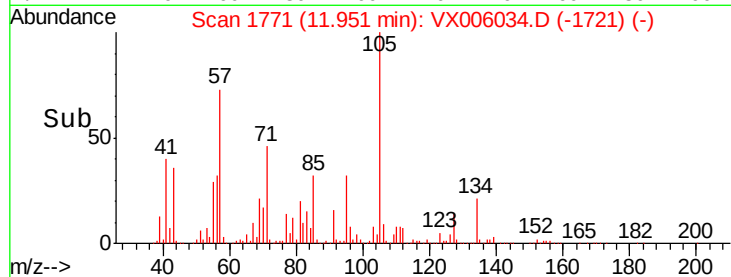
100000

50000

0

11.80 11.90 12.00 12.10

Time-->



#86

p-Isopropyltoluene

Concen: 9.957 ug/l

RT: 12.24 min Scan# 1818

Delta R.T. 0.17 min

Lab File: VX006034.D

Acq: 15 Nov 2018 21:33

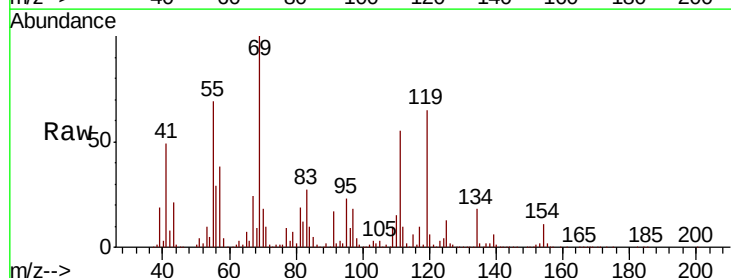
Tgt Ion:119 Resp: 70436

Ion Ratio Lower Upper

119 100

134 28.1 13.0 39.0

91 30.8 11.4 34.2



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

250000

200000

150000

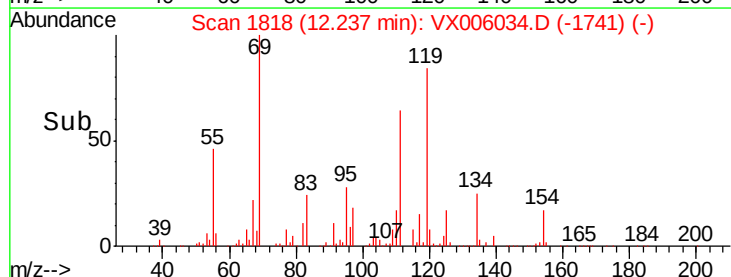
100000

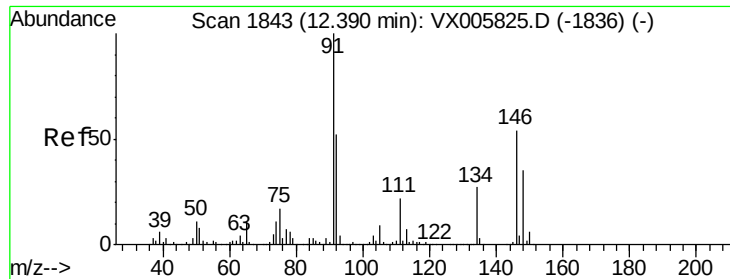
50000

0

12.20 12.25

Time-->

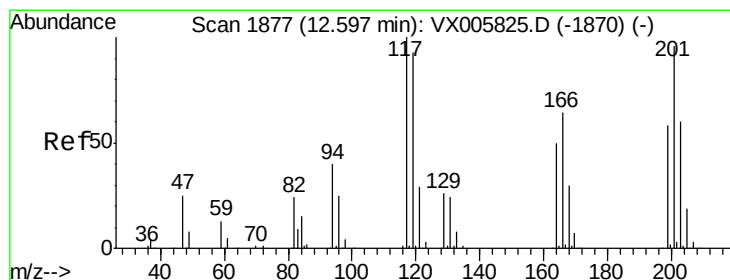
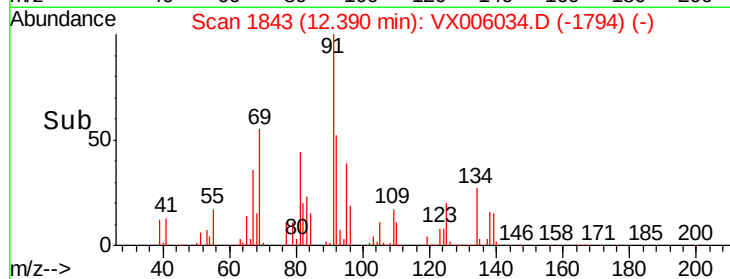
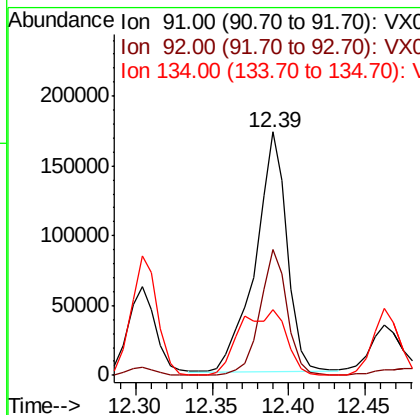
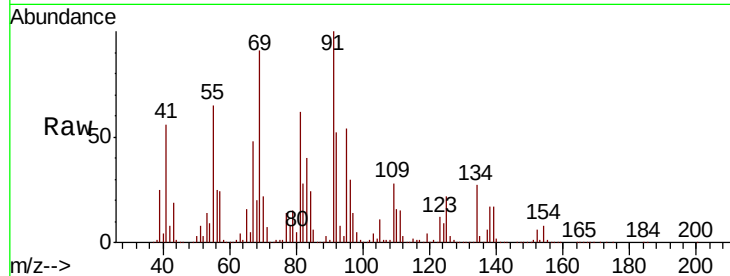




#89
n-Butylbenzene
Concen: 37.900 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006034.D
Acq: 15 Nov 2018 21:33

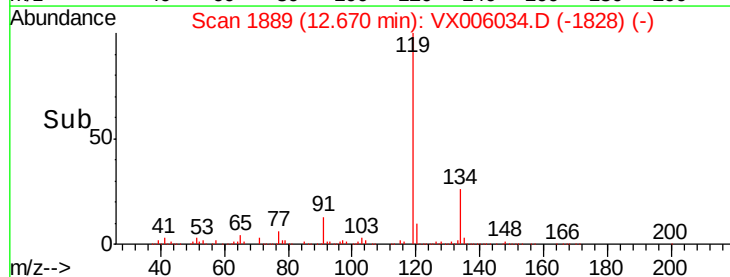
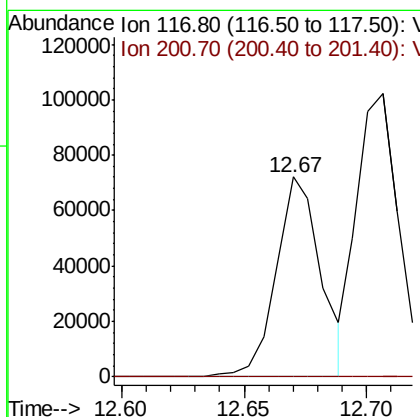
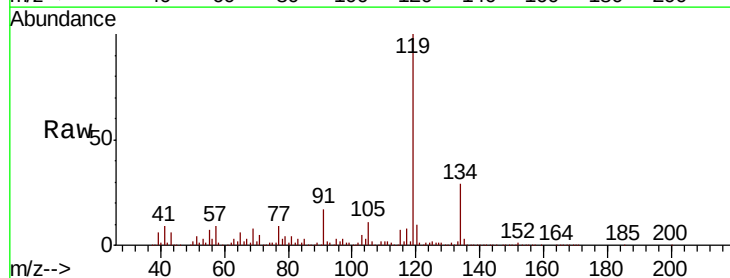
Instrument :
MSVOA_X
ClientSampled :

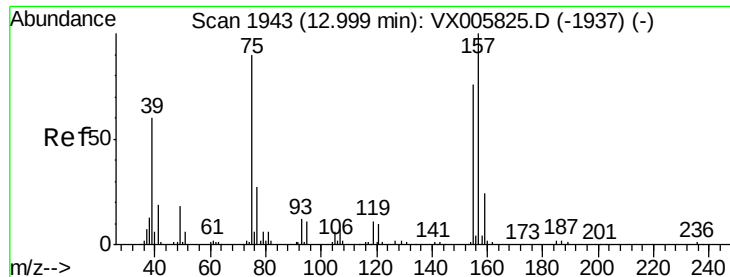
Tot Ion: 91 Resp: 248485
Ion Ratio Lower Upper
91 100
92 44.4 26.1 78.2
134 39.6 13.1 39.3#



#90
Hexachloroethane
Concen: 77.253 ug/l
RT: 12.67 min Scan# 1889
Delta R.T. 0.07 min
Lab File: VX006034.D
Acq: 15 Nov 2018 21:33

Tgt Ion: 117 Resp: 91240
Ion Ratio Lower Upper
117 100
201 0.0 47.9 143.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 8.524 ug/l

RT: 12.98 min Scan# 1940

Delta R.T. -0.02 min

Lab File: VX006034.D

Acq: 15 Nov 2018 21:33

Instrument :

MSVOA_X

ClientSampled :

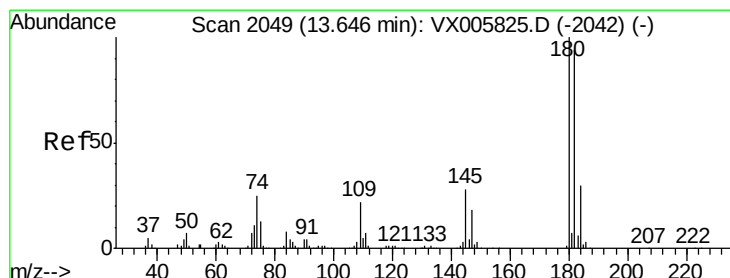
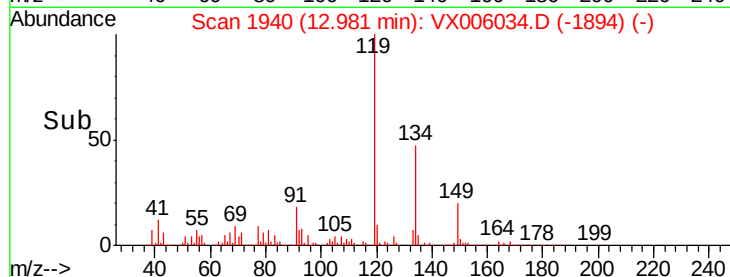
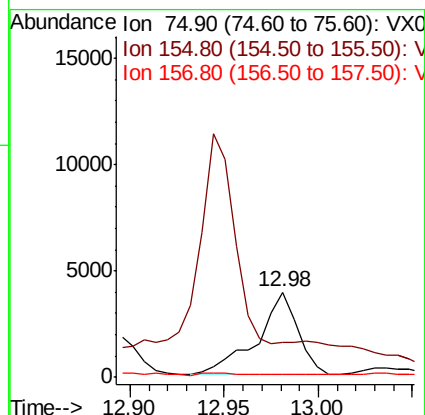
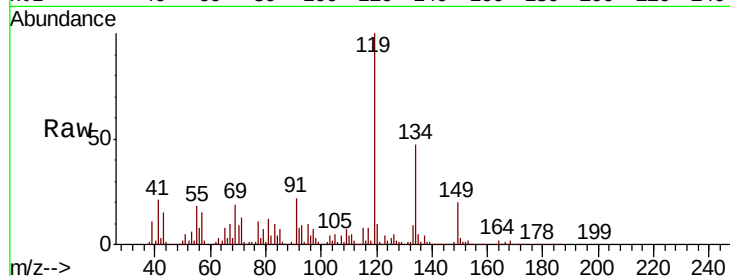
Tot Ion: 75 Resp: 5800

Ion Ratio Lower Upper

75 100

155 0.0 45.4 136.1#

157 0.0 57.4 172.0#



#93

1,2,4-Trichlorobenzene

Concen: 0.424 ug/l

RT: 13.60 min Scan# 2042

Delta R.T. -0.04 min

Lab File: VX006034.D

Acq: 15 Nov 2018 21:33

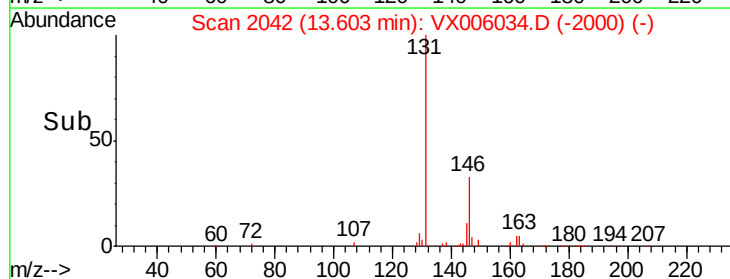
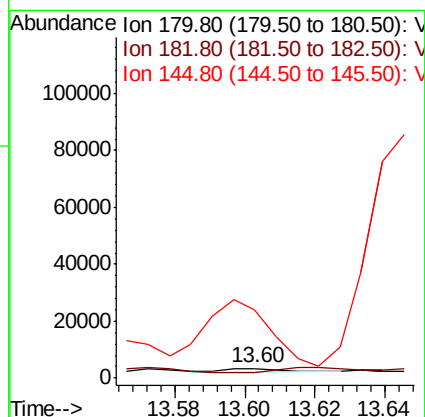
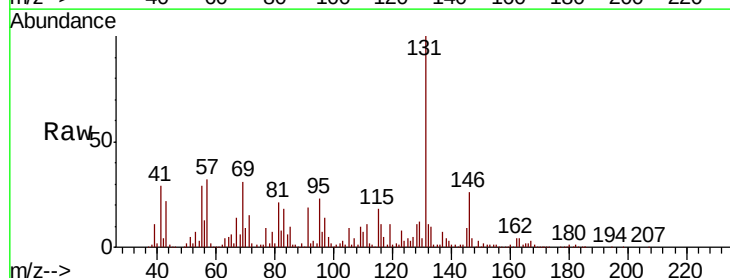
Tgt Ion: 180 Resp: 1228

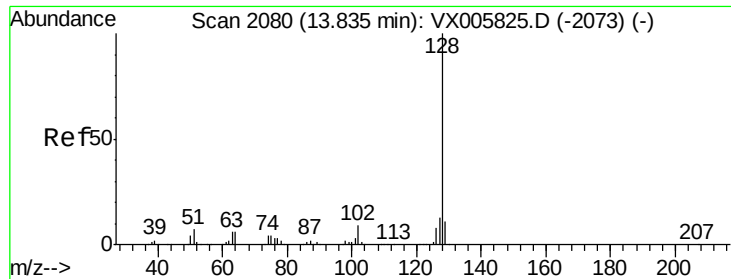
Ion Ratio Lower Upper

180 100

182 0.0 47.6 142.8#

145 2877.4 14.1 42.2#

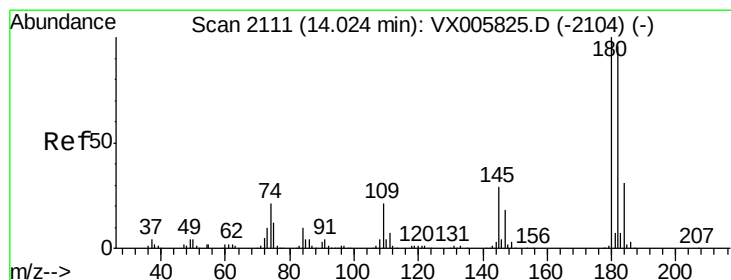
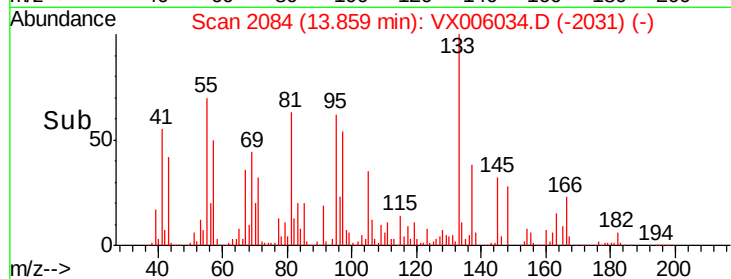
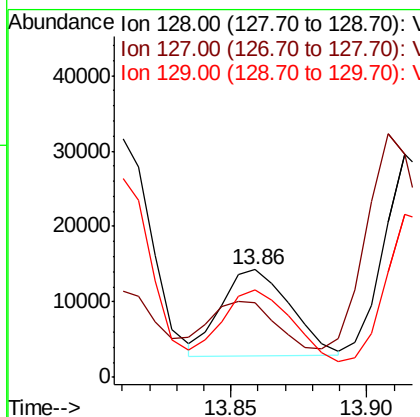
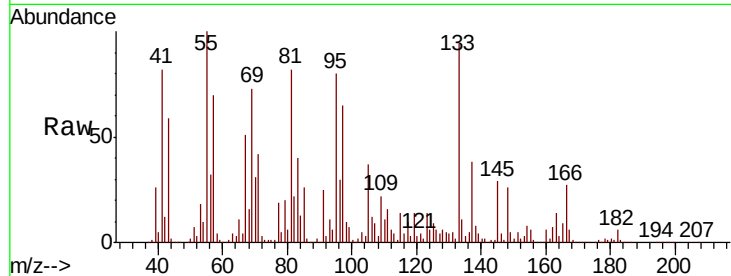




#95
Naphthalene
Concen: 3.251 ug/l
RT: 13.86 min Scan# 2084
Delta R.T. 0.02 min
Lab File: VX006034.D
Acq: 15 Nov 2018 21:33

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 20074
Ion Ratio Lower Upper
128 100
127 62.2 10.4 15.6#
129 82.2 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 5.923 ug/l
RT: 14.04 min Scan# 2113
Delta R.T. 0.01 min
Lab File: VX006034.D
Acq: 15 Nov 2018 21:33

Tgt Ion:180 Resp: 17487
Ion Ratio Lower Upper
180 100
182 30.6 48.0 144.2#
145 962.0 15.1 45.3#

