

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111418\
 Data File : VX005976.D
 Acq On : 14 Nov 2018 16:09
 Operator : JC/MD
 Sample : J5925-05
 Misc : 17.71µl/5ml/100µl/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1D1

Quant Time: Nov 15 00:23:37 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	5.66	168	110926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	165033	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	160809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	87606	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	67424	52.87	ug/l	0.00
Spiked Amount			Recovery	=	105.74%	
35) Dibromofluoromethane	5.51	113	52256	46.55	ug/l	0.00
Spiked Amount			Recovery	=	93.10%	
50) Toluene-d8	8.71	98	203488	54.53	ug/l	0.00
Spiked Amount			Recovery	=	109.06%	
62) 4-Bromofluorobenzene	11.14	95	81572	60.80	ug/l	0.00
Spiked Amount			Recovery	=	121.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	637	0.790	ug/l #	80
6) Chloroethane	1.73	64	218	0.277	ug/l #	80
11) Tert butyl alcohol	3.03	59	733	2.007	ug/l #	72
13) Acrolein	2.26	56	20	19.270	ug/l #	60
18) Methyl Acetate	2.80	43	1158	Below Cal	#	89
20) Methylene Chloride	2.85	84	736	0.653	ug/l #	70
25) 2-Butanone	4.72	43	267	0.247	ug/l #	51
29) Tetrahydrofuran	5.18	42	292	0.421	ug/l #	36
31) Cyclohexane	5.56	56	1234	0.695	ug/l #	89
36) 1,1-Dichloropropene	5.65	75	7862	4.942	ug/l #	49
38) Carbon Tetrachloride	5.66	117	10453	6.563	ug/l #	14
39) Methylcyclohexane	7.45	83	7770	4.819	ug/l	93
48) Methyl methacrylate	7.73	41	540	0.397	ug/l #	64
51) 4-Methyl-2-Pentanone	8.66	43	676	0.354	ug/l #	38
53) t-1,3-Dichloropropene	8.98	75	555	0.352	ug/l #	46
55) 1,1,2-Trichloroethane	9.16	97	3321	2.875	ug/l #	19
56) Ethyl methacrylate	9.16	69	916	0.530	ug/l #	1
59) 2-Hexanone	9.55	43	2043	1.213	ug/l #	40
73) Isopropylbenzene	11.02	105	30987	6.116	ug/l	98
74) N-amyl acetate	10.91	43	5622	3.179	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	4193	2.255	ug/l #	34
76) 1,2,3-Trichloropropane	11.14	75	40752	22.845	ug/l #	36
78) n-propylbenzene	11.36	91	59569	9.977	ug/l	99
79) 2-Chlorotoluene	11.36	91	59569	16.506	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.67	105	1404	0.326	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.14	75	40752	72.811	ug/l #	10
82) 4-Chlorotoluene	11.36	91	59569	14.006	ug/l #	44
83) tert-Butylbenzene	11.77	119	5848	1.343	ug/l	87
84) 1,2,4-Trimethylbenzene	11.94	105	98359	20.632	ug/l #	32
85) sec-Butylbenzene	11.94	105	98359	18.467	ug/l	90
86) p-Isopropyltoluene	12.23	119	15913	3.373	ug/l	95
89) n-Butylbenzene	12.39	91	64543	14.761	ug/l #	85
90) Hexachloroethane	12.67	117	22284	28.292	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1719	3.788	ug/l #	3

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Response via : Initial Calibration

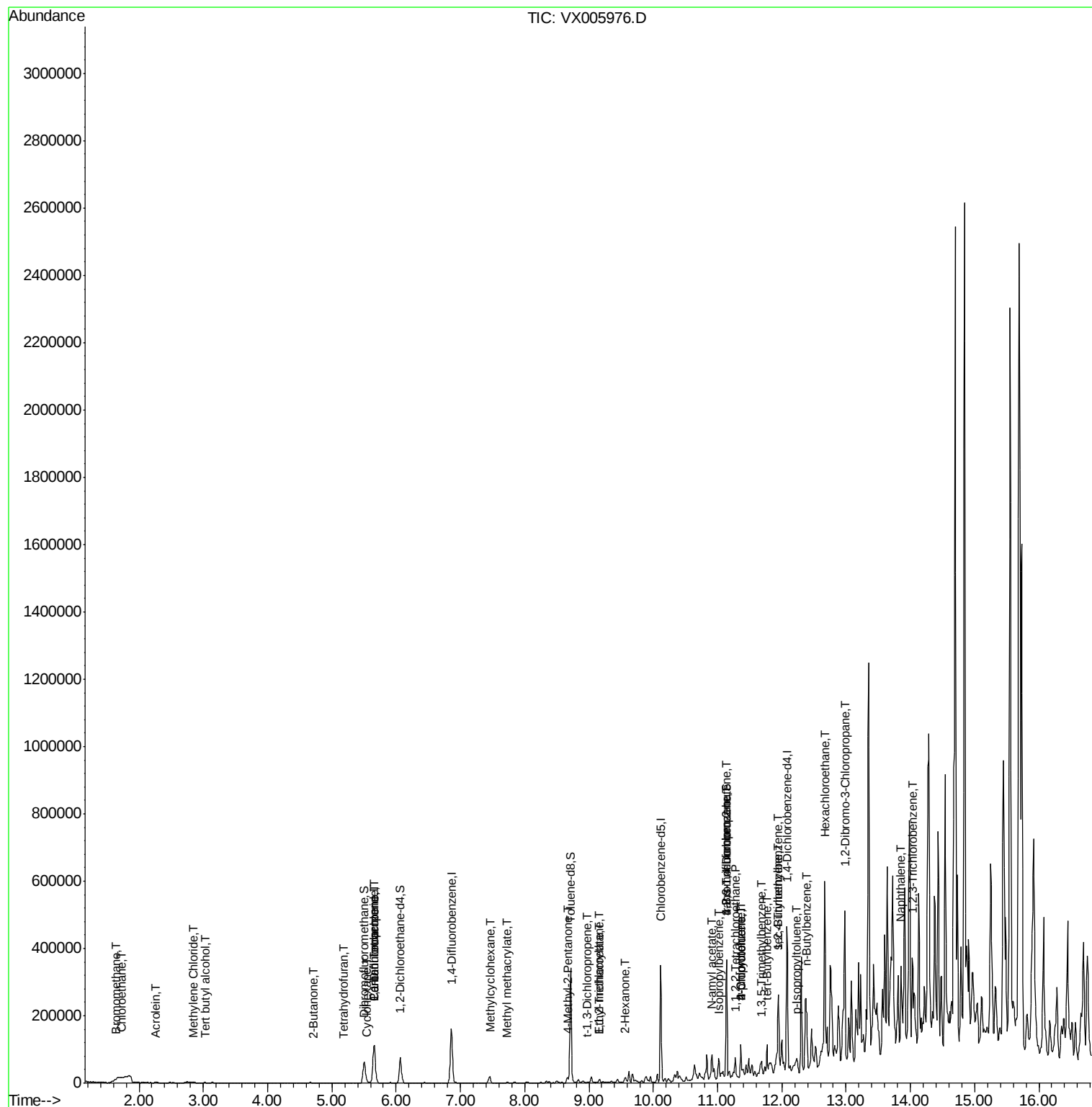
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.85	128	7460	2.333	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.03	180	673	0.342	ug/l #	1

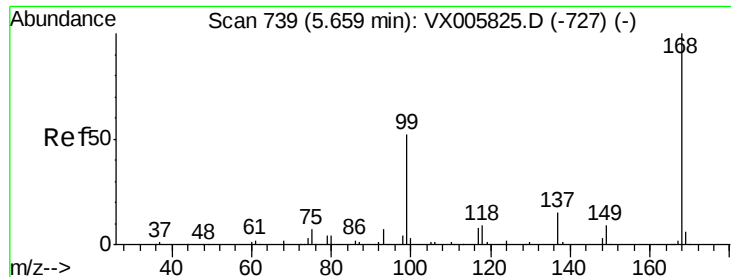
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX111418\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX005976.D

Acq: 14 Nov 2018 16:09

Instrument :

MSVOA_X

ClientSampled :

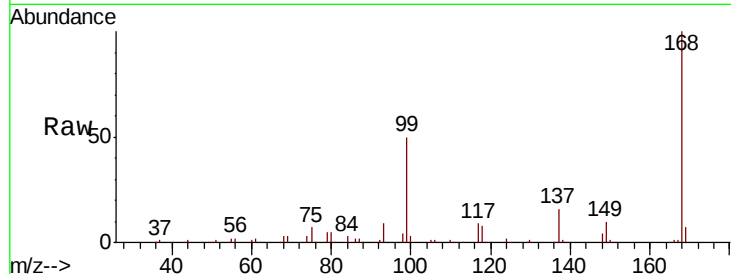
TP-1D1

Tot Ion:168 Resp: 110926

Ion Ratio Lower Upper

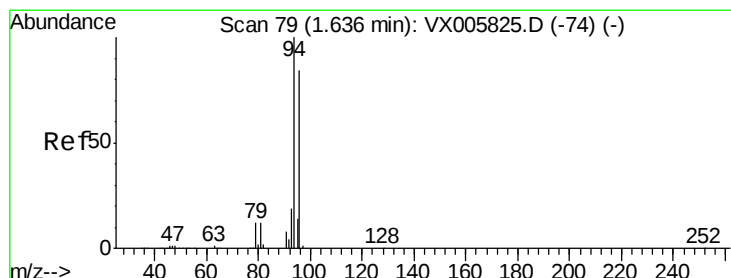
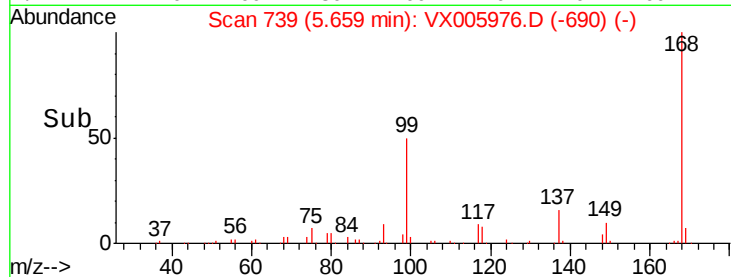
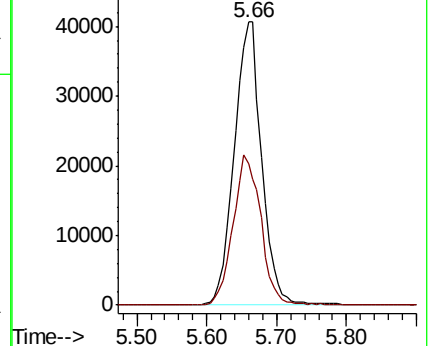
168 100

99 49.8 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.790 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005976.D

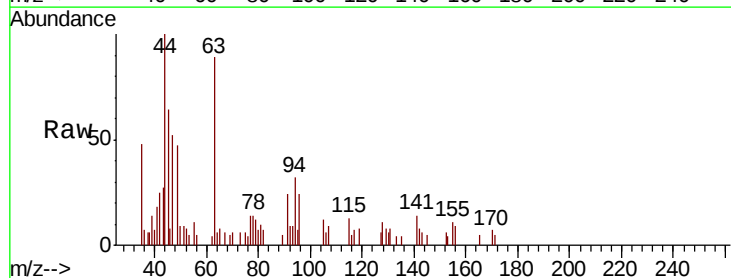
Acq: 14 Nov 2018 16:09

Tgt Ion: 94 Resp: 637

Ion Ratio Lower Upper

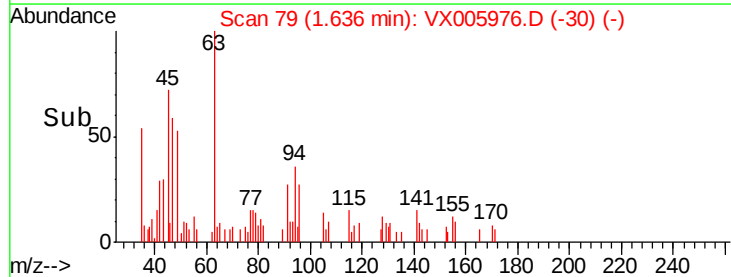
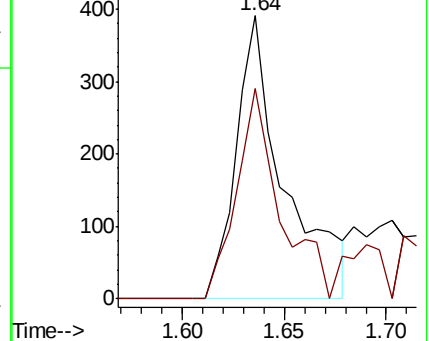
94 100

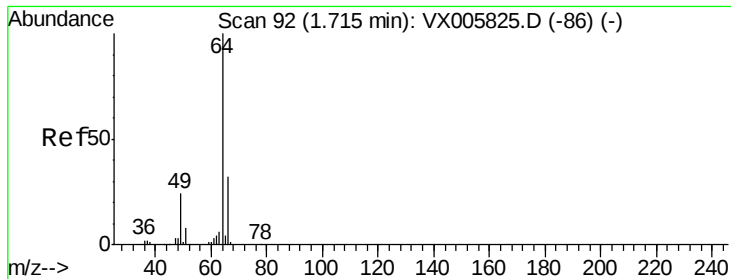
96 74.4 75.2 112.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.277 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX005976.D

Acq: 14 Nov 2018 16:09

Instrument :

MSVOA_X

ClientSampleId :

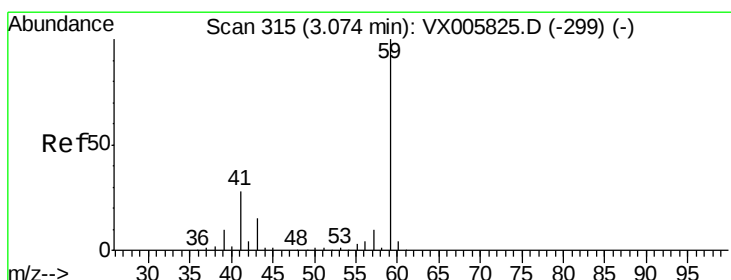
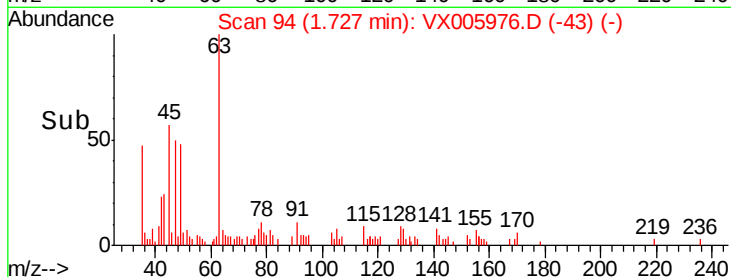
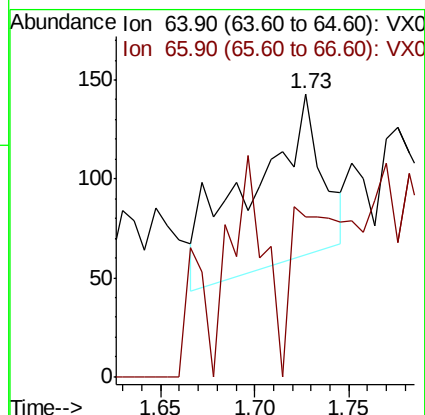
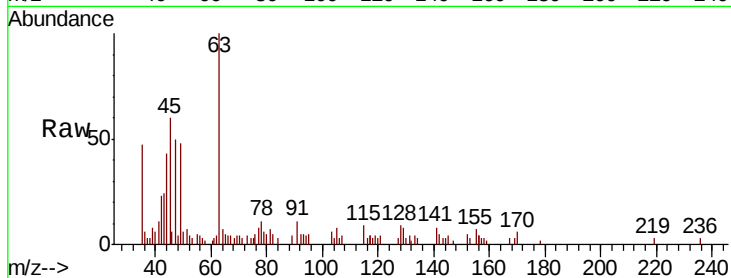
TP-1D1

Tot Ion: 64 Resp: 218

Ion Ratio Lower Upper

64 100

66 21.1 25.8 38.6#



#11

Tert butyl alcohol

Concen: 2.007 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.05 min

Lab File: VX005976.D

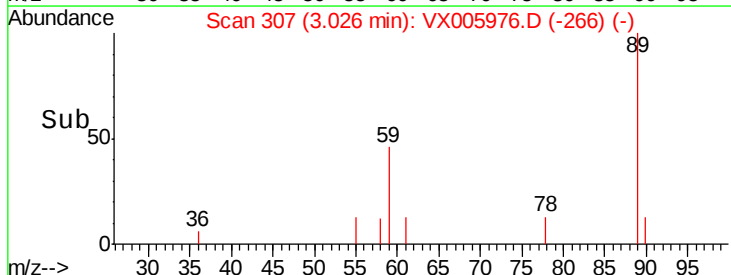
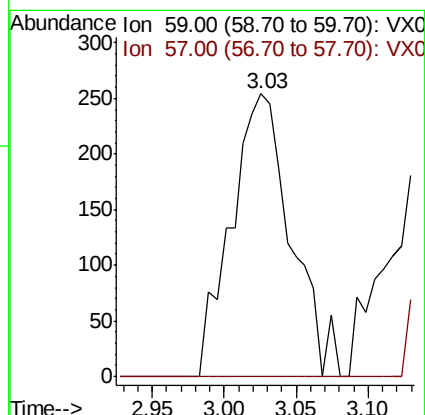
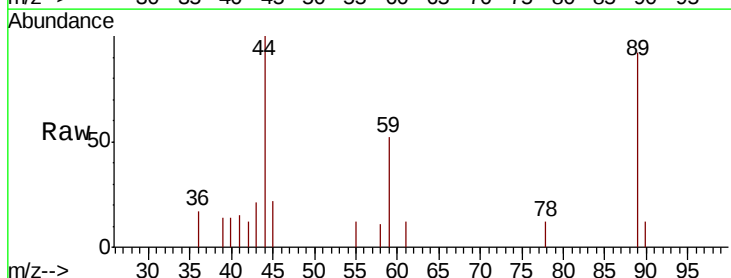
Acq: 14 Nov 2018 16:09

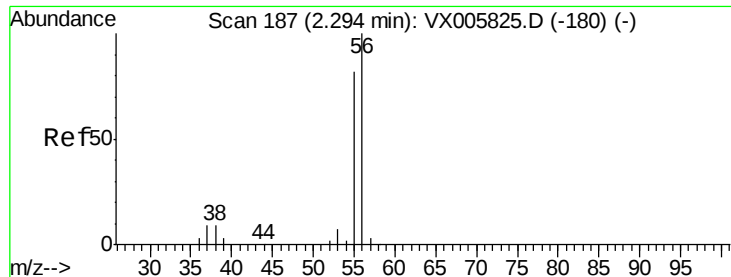
Tgt Ion: 59 Resp: 733

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#





#13

Acrolein

Concen: 19.270 ug/l

RT: 2.26 min Scan# 181

Delta R.T. -0.04 min

Lab File: VX005976.D

Acq: 14 Nov 2018 16:09

Instrument :

MSVOA_X

ClientSampleId :

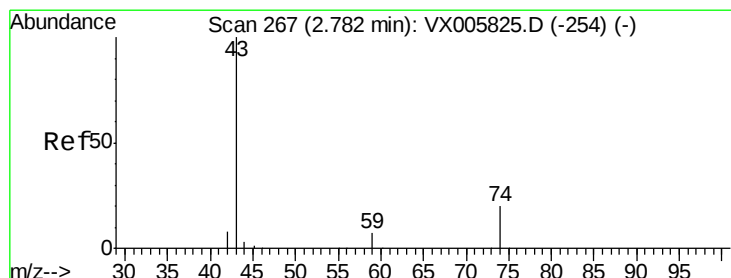
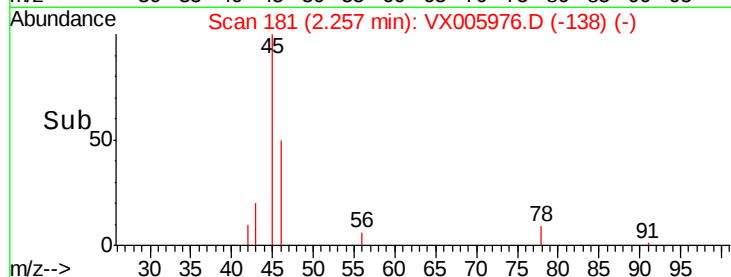
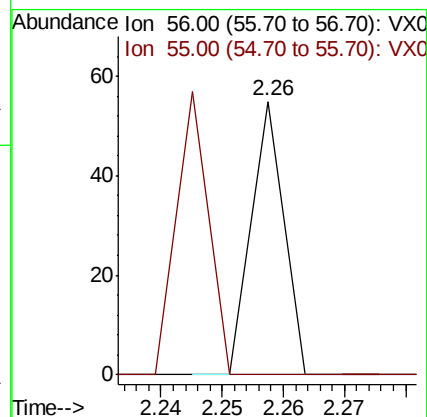
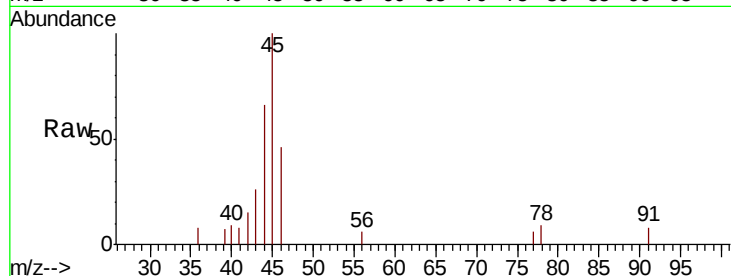
TP-1D1

Tot Ion: 56 Resp: 20

Ion Ratio Lower Upper

56 100

55 105.0 57.3 85.9#



#18

Methyl Acetate

Concen: Below Cal

RT: 2.80 min Scan# 270

Delta R.T. 0.02 min

Lab File: VX005976.D

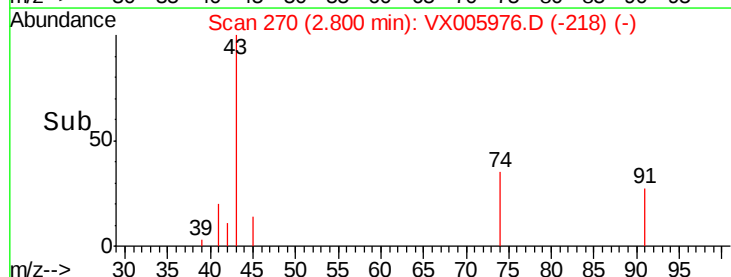
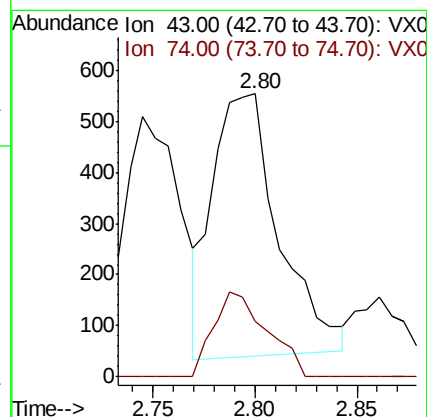
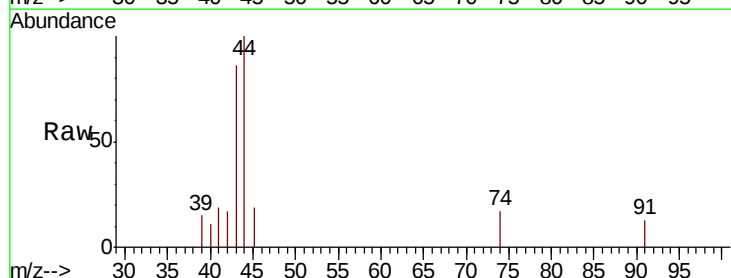
Acq: 14 Nov 2018 16:09

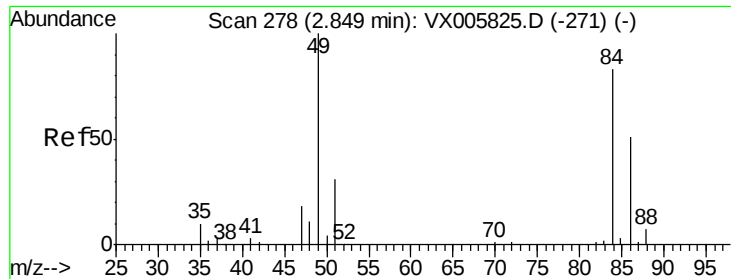
Tgt Ion: 43 Resp: 1158

Ion Ratio Lower Upper

43 100

74 26.2 16.8 25.2#

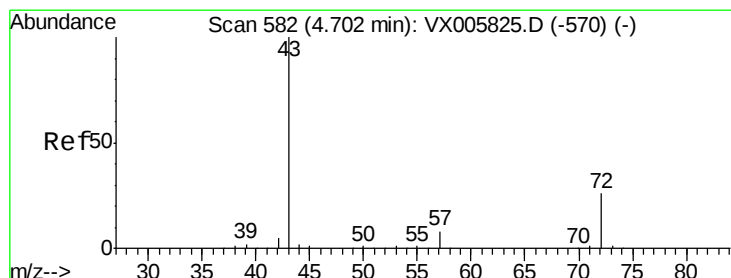
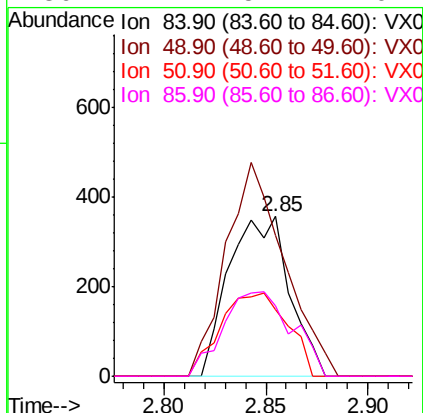
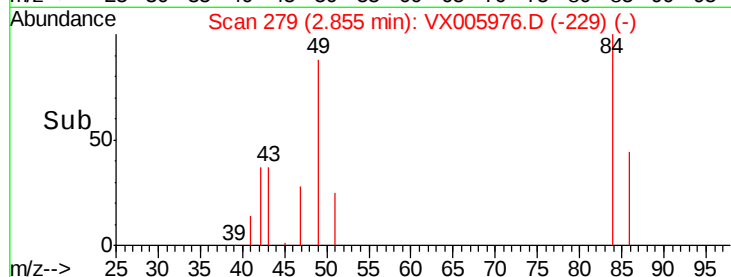
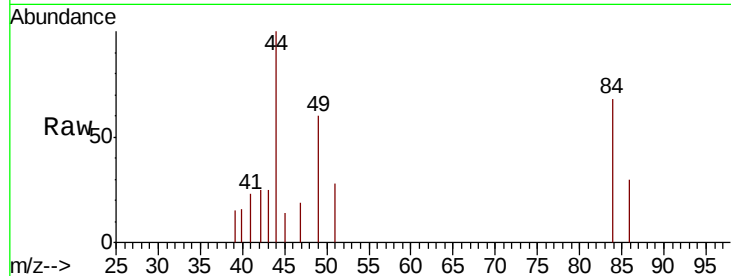




#20
Methvlene Chloride
Concen: 0.653 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX005976.D
Acq: 14 Nov 2018 16:09

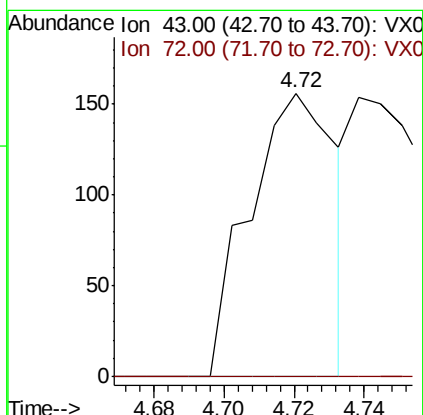
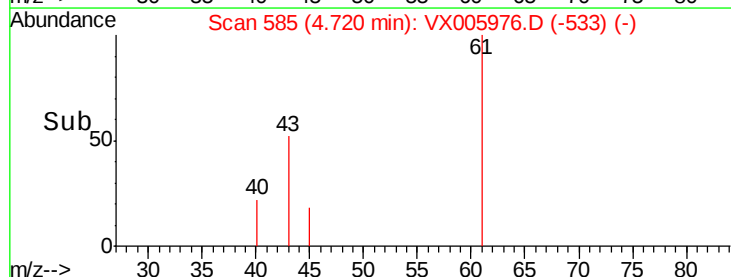
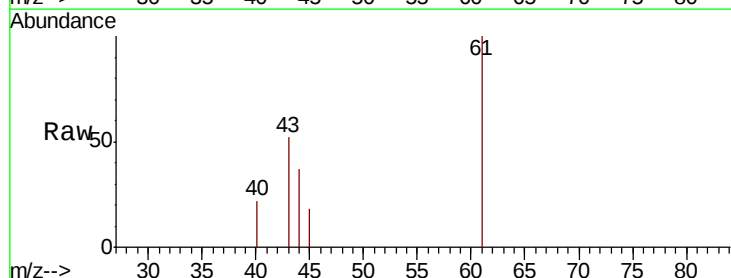
Instrument :
MSVOA_X
ClientSampled :
TP-1D1

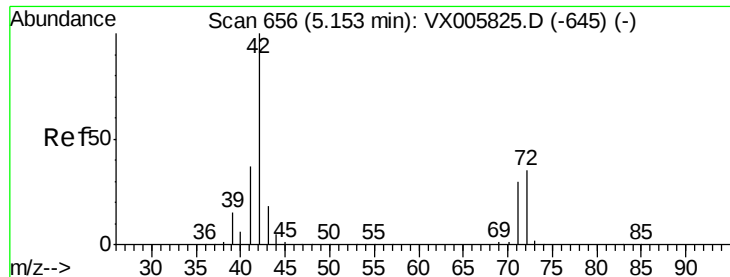
Tot Ion: 84 Resp: 736
Ion Ratio Lower Upper
84 100
49 87.9 109.5 164.3#
51 41.6 33.3 49.9
86 44.1 52.7 79.1#



#25
2-Butanone
Concen: 0.247 ug/l
RT: 4.72 min Scan# 585
Delta R.T. 0.02 min
Lab File: VX005976.D
Acq: 14 Nov 2018 16:09

Tgt Ion: 43 Resp: 267
Ion Ratio Lower Upper
43 100
72 0.0 19.2 28.8#

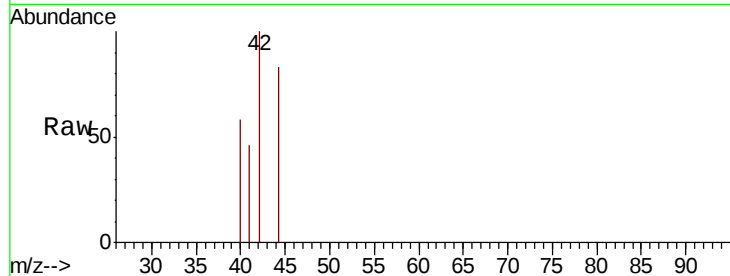




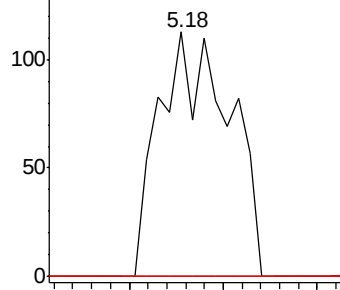
#29
Tetrahydrofuran
Concen: 0.421 ug/l
RT: 5.18 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX005976.D
Acq: 14 Nov 2018 16:09

Instrument :
MSVOA_X
ClientSampleId :
TP-1D1

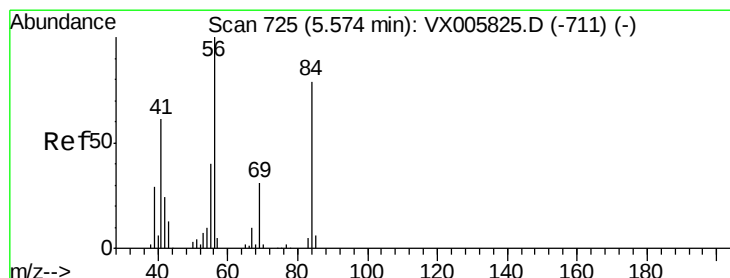
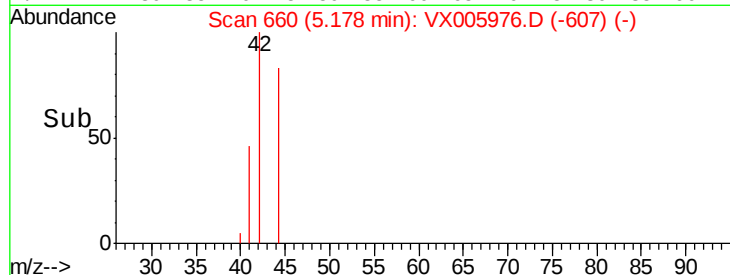
Tot Ion: 42 Resp: 292
Ion Ratio Lower Upper
42 100
72 0.0 32.0 48.0#
71 0.0 29.8 44.8#



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

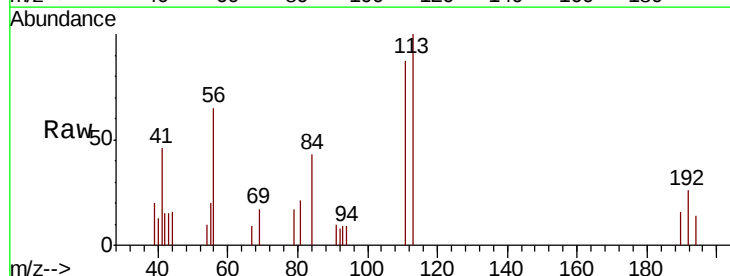


Time--> 5.15 5.20 5.25

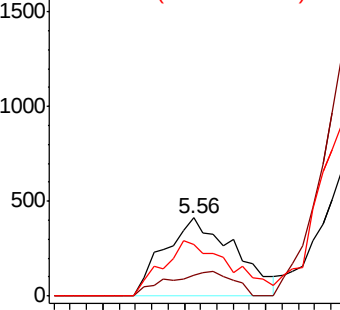


#31
Cyclohexane
Concen: 0.695 ug/l
RT: 5.56 min Scan# 722
Delta R.T. -0.02 min
Lab File: VX005976.D
Acq: 14 Nov 2018 16:09

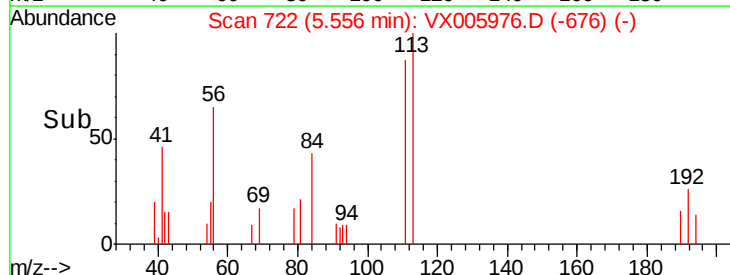
Tgt Ion: 56 Resp: 1234
Ion Ratio Lower Upper
56 100
69 26.7 22.6 34.0
84 66.3 62.7 94.1

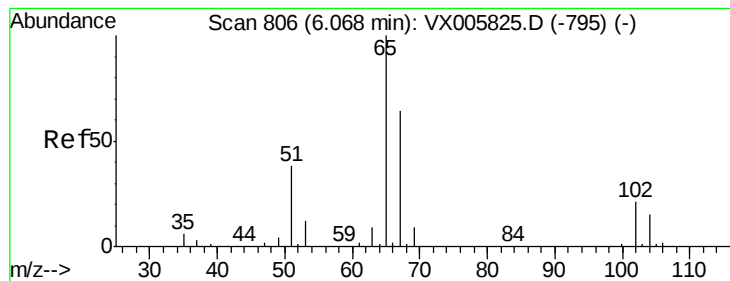


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



Time--> 5.50 5.55 5.60





#33

1,2-Dichloroethane-d4

Concen: 52.872 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005976.D

Acq: 14 Nov 2018 16:09

Instrument :

MSVOA_X

ClientSampleId :

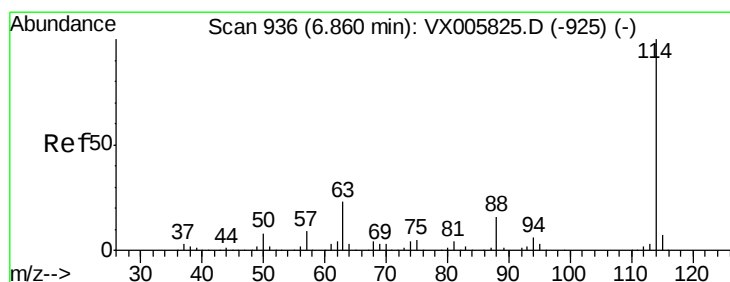
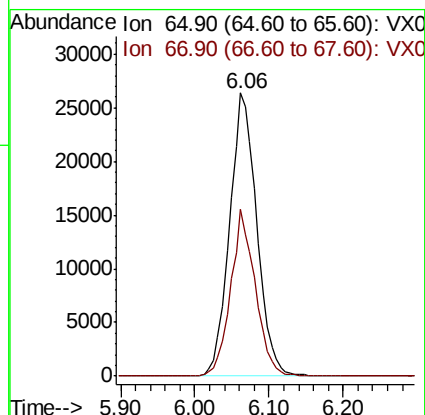
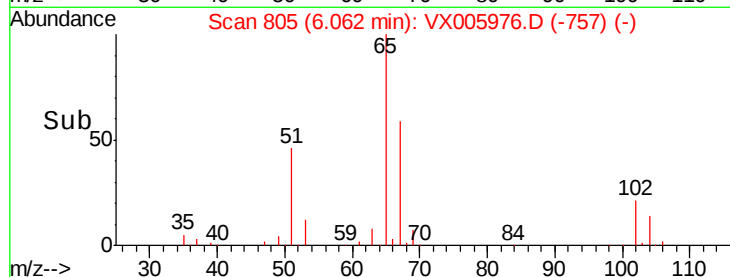
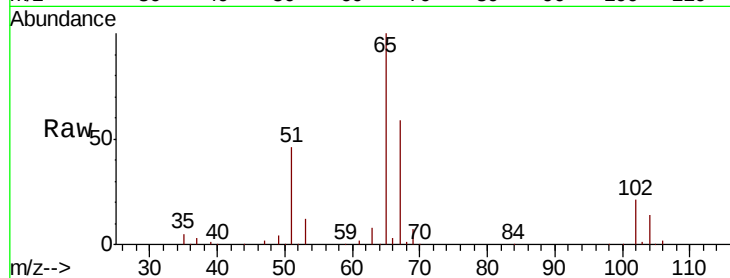
TP-1D1

Tot Ion: 65 Resp: 67424

Ion Ratio Lower Upper

65 100

67 53.6 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: VX005976.D

Acq: 14 Nov 2018 16:09

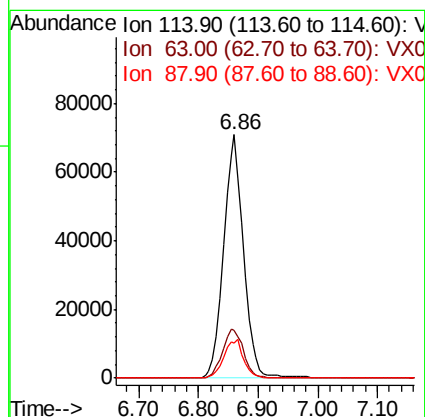
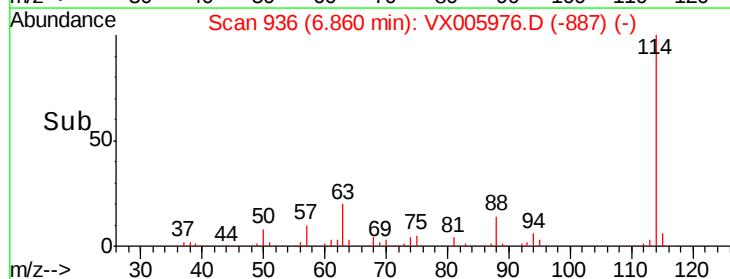
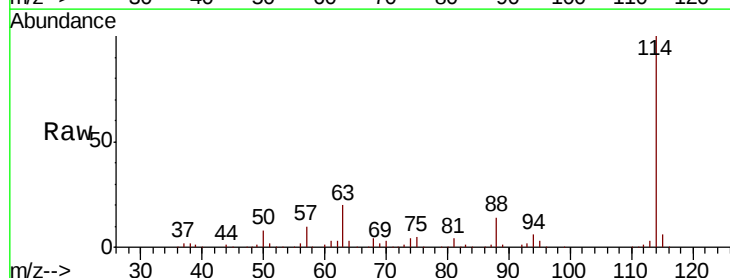
Tgt Ion: 114 Resp: 165033

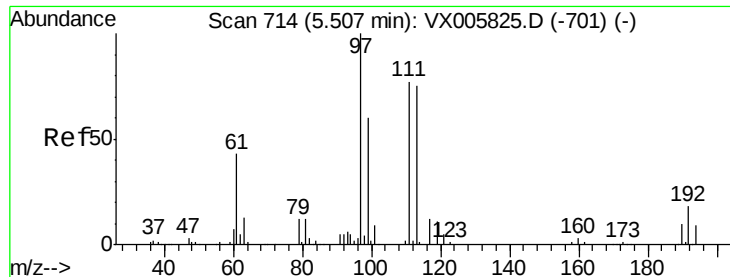
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.8

88 14.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 46.554 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.00 min

Lab File: VX005976.D

Acq: 14 Nov 2018 16:09

Instrument :

MSVOA_X

ClientSampled :

TP-1D1

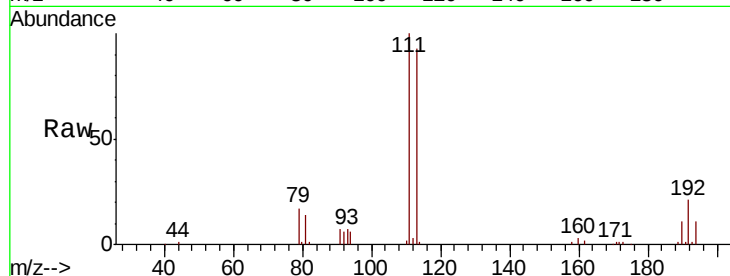
Tot Ion:113 Resp: 52256

Ion Ratio Lower Upper

113 100

111 107.6 82.3 123.5

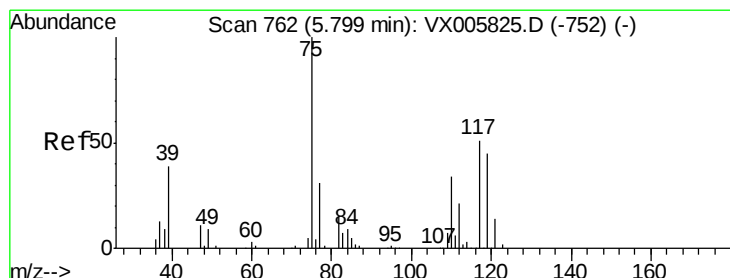
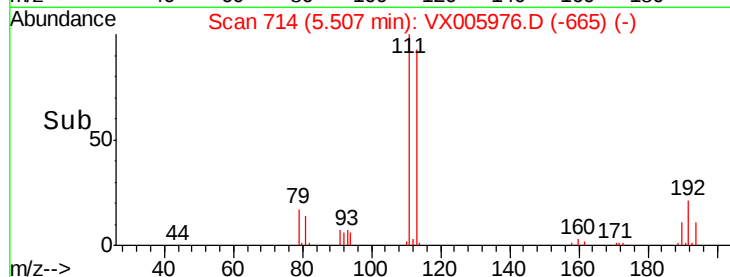
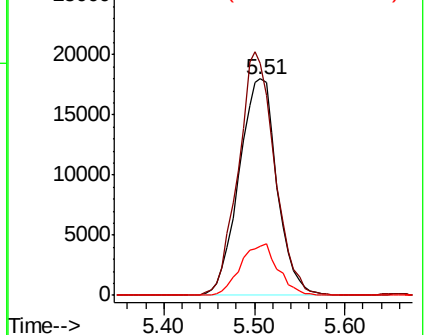
192 23.3 17.9 26.9



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: 4.942 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.15 min

Lab File: VX005976.D

Acq: 14 Nov 2018 16:09

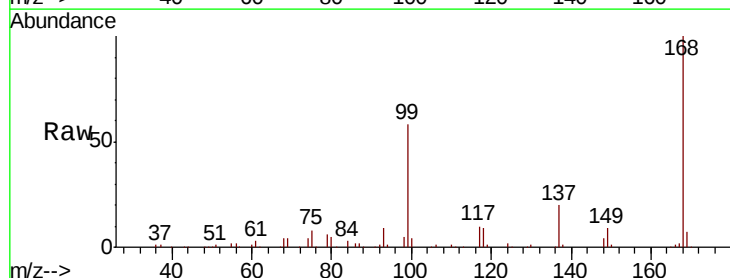
Tgt Ion: 75 Resp: 7862

Ion Ratio Lower Upper

75 100

110 8.5 17.4 52.2#

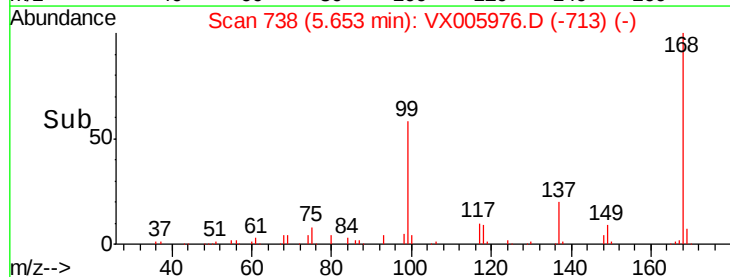
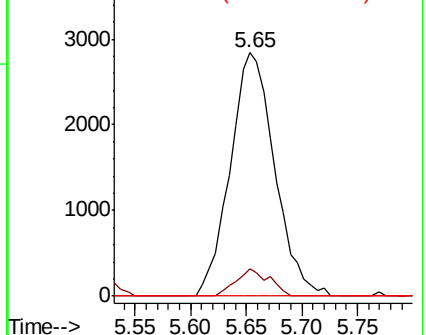
77 0.0 25.8 38.6#

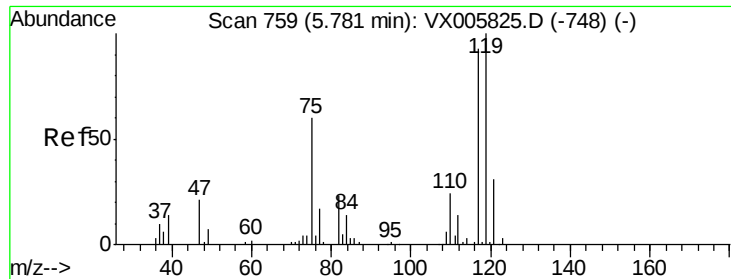


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

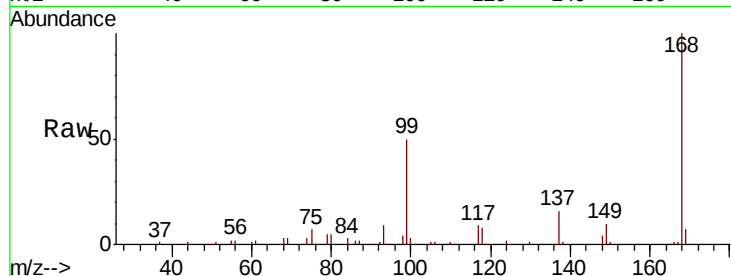




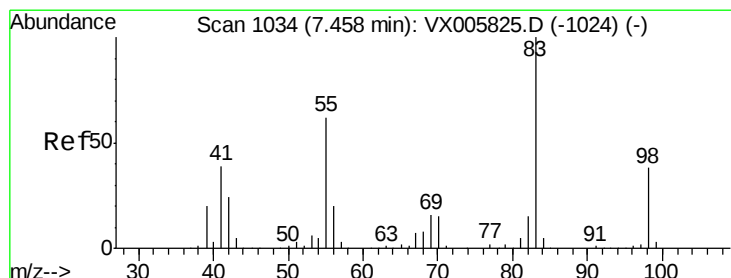
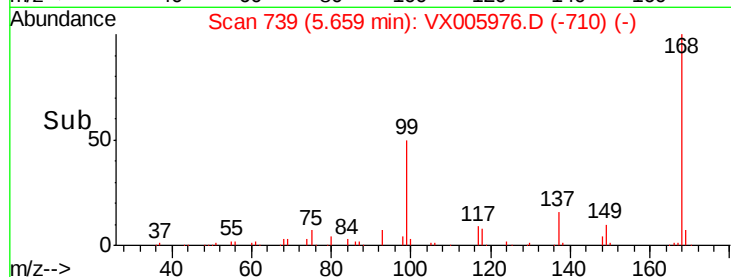
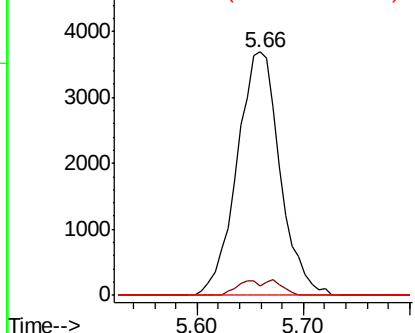
#38
Carbon Tetrachloride
Concen: 6.563 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX005976.D
Acq: 14 Nov 2018 16:09

Instrument :
MSVOA_X
ClientSampled :
TP-1D1

Tot Ion:117 Resp: 10453
Ion Ratio Lower Upper
117 100
119 3.8 78.1 117.1#
121 0.0 24.6 36.8#

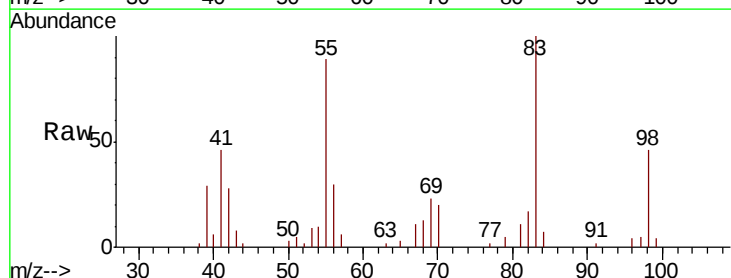


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

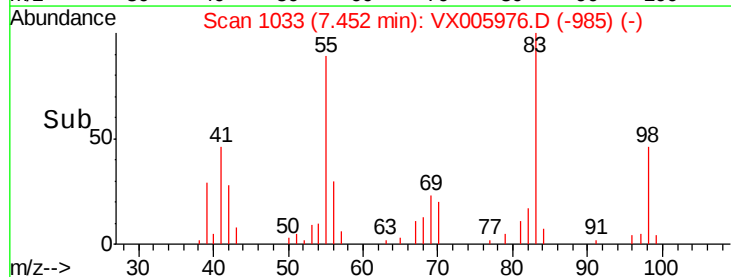
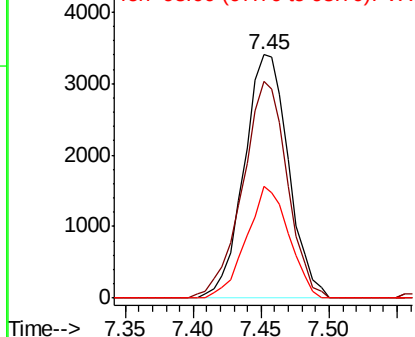


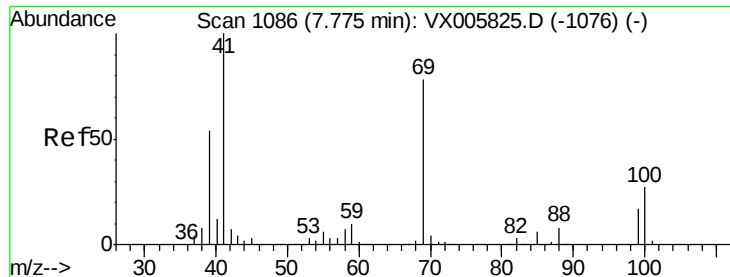
#39
Methylcyclohexane
Concen: 4.819 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX005976.D
Acq: 14 Nov 2018 16:09

Tgt Ion: 83 Resp: 7770
Ion Ratio Lower Upper
83 100
55 88.8 63.7 95.5
98 45.7 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

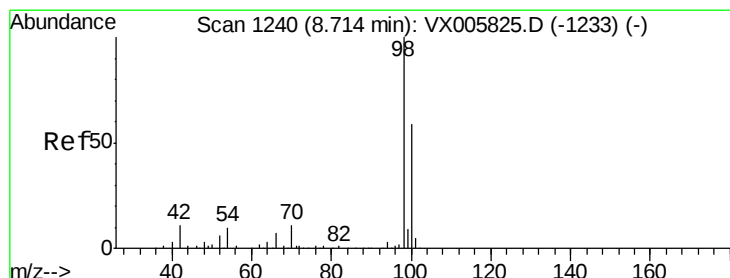
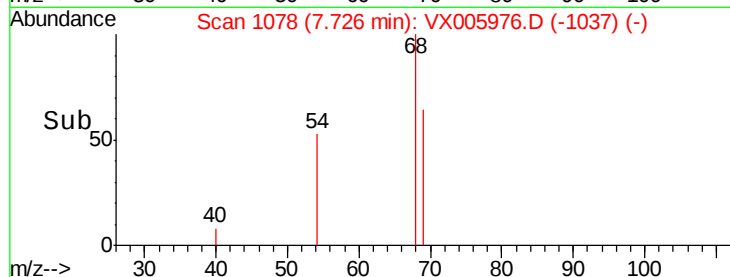
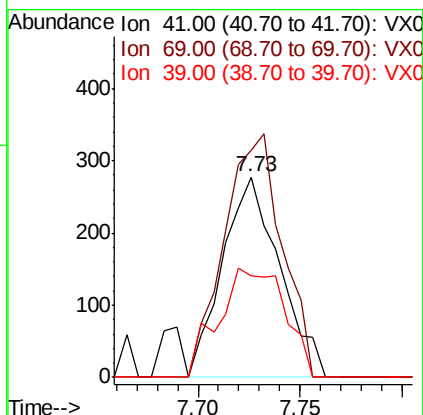
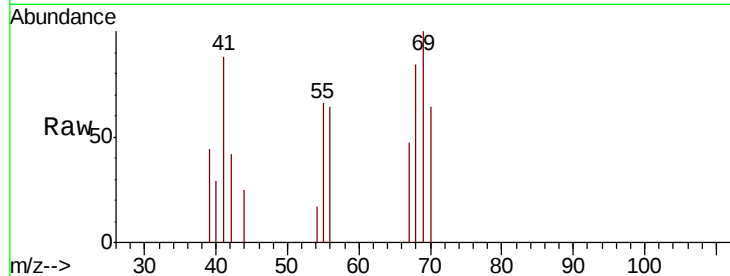




#48
Methyl methacrylate
Concen: 0.397 ug/l
RT: 7.73 min Scan# 1078
Delta R.T. -0.05 min
Lab File: VX005976.D
Acq: 14 Nov 2018 16:09

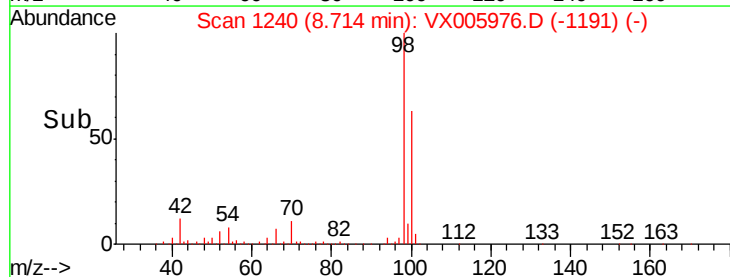
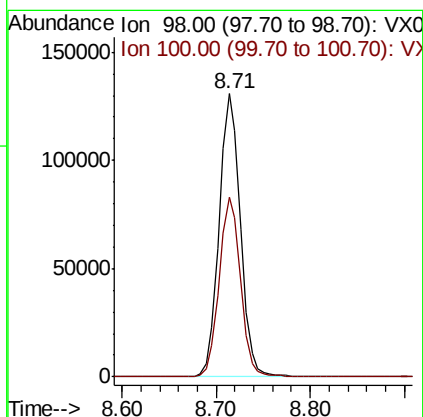
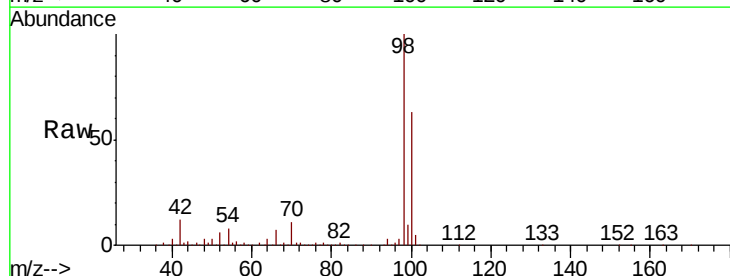
Instrument :
MSVOA_X
ClientSampleId :
TP-1D1

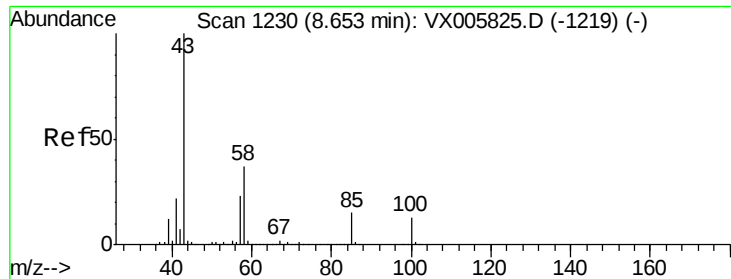
Tot Ion: 41 Resp: 540
Ion Ratio Lower Upper
41 100
69 122.6 63.2 94.8#
39 62.8 42.2 63.2



#50
Toluene-d8
Concen: 54.529 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005976.D
Acq: 14 Nov 2018 16:09

Tgt Ion: 98 Resp: 203488
Ion Ratio Lower Upper
98 100
100 64.0 51.3 76.9

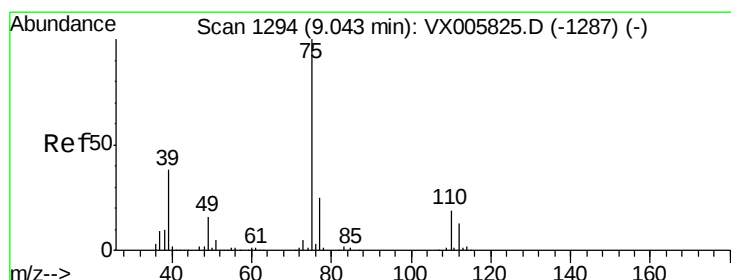
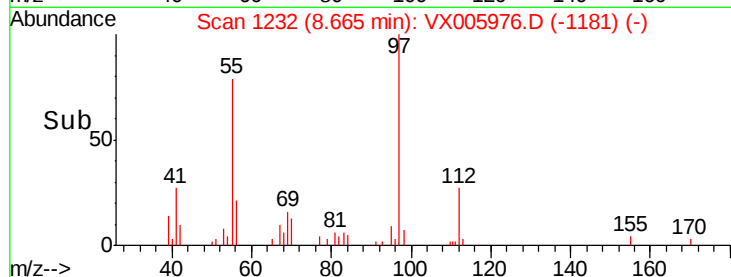
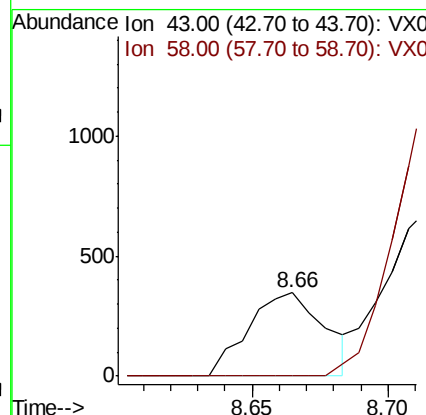
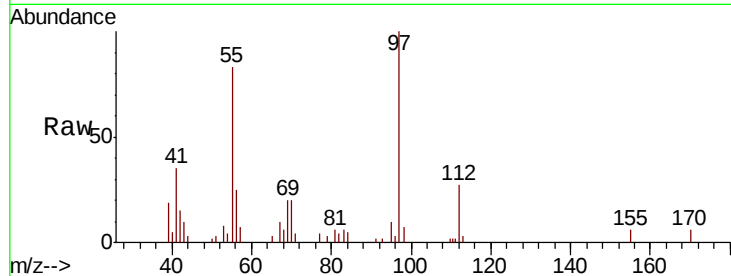




#51
4-Methyl-2-Pentanone
Concen: 0.354 ug/l
RT: 8.66 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VX005976.D
Acq: 14 Nov 2018 16:09

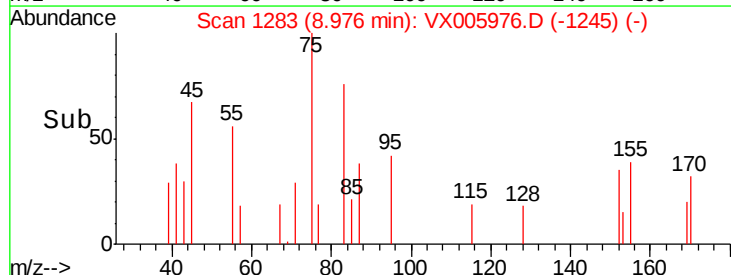
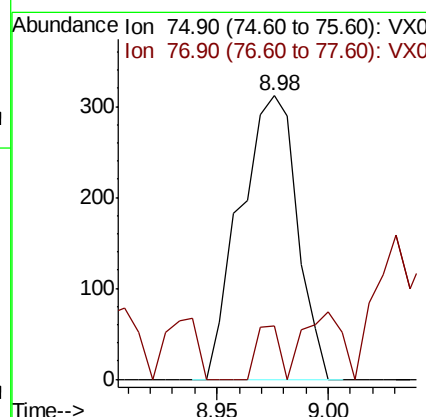
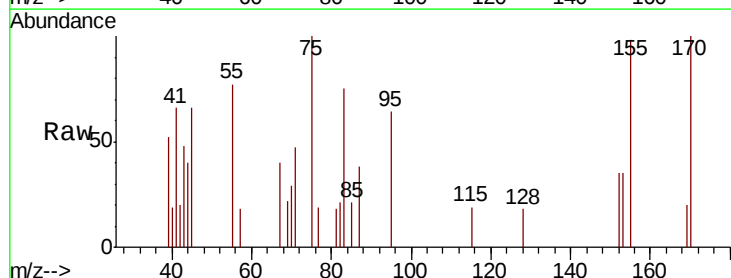
Instrument :
MSVOA_X
ClientSampled :
TP-1D1

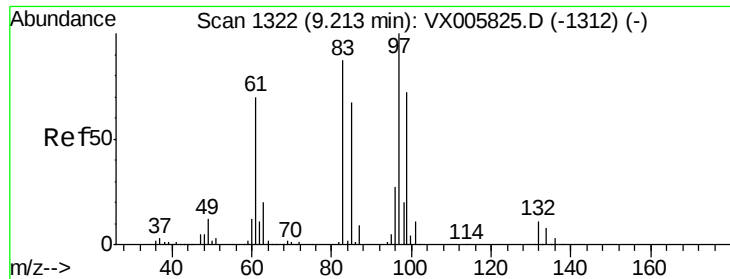
Tot Ion: 43 Resp: 676
Ion Ratio Lower Upper
43 100
58 0.0 29.7 44.5#



#53
t-1,3-Dichloropropene
Concen: 0.352 ug/l
RT: 8.98 min Scan# 1283
Delta R.T. -0.07 min
Lab File: VX005976.D
Acq: 14 Nov 2018 16:09

Tgt Ion: 75 Resp: 555
Ion Ratio Lower Upper
75 100
77 1.9 25.4 38.2#





#55

1,1,2-Trichloroethane

Concen: 2.875 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.05 min

Lab File: VX005976.D

Acq: 14 Nov 2018 16:09

Instrument :

MSVOA_X

ClientSampleId :

TP-1D1

Tot Ion: 97 Resp: 3321

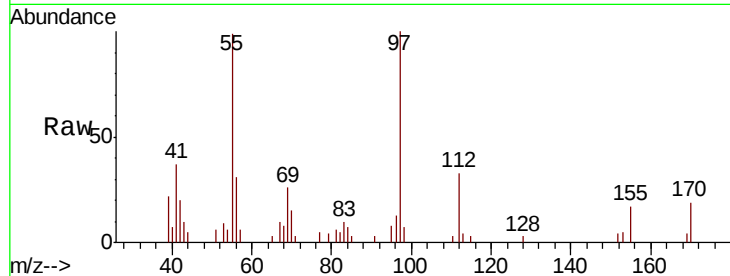
Ion Ratio Lower Upper

97 100

83 9.8 70.7 106.1#

85 2.9 45.8 68.6#

99 0.0 51.8 77.8#

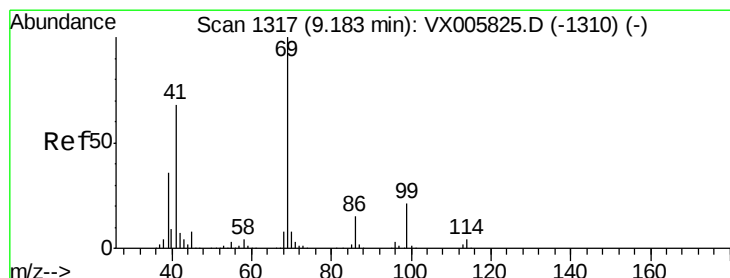
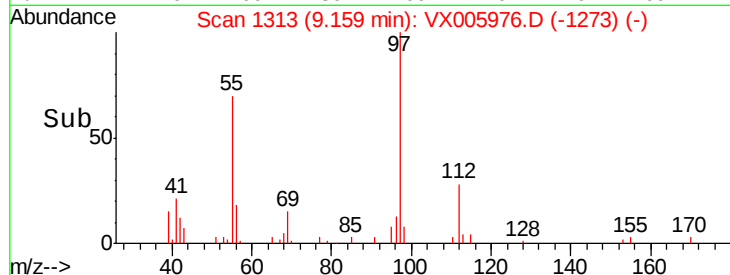
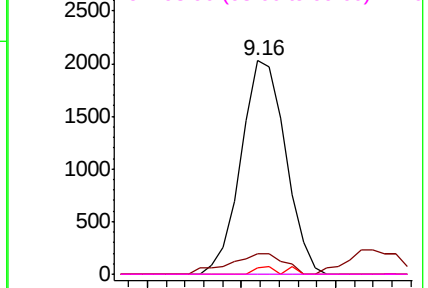


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 0.530 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.02 min

Lab File: VX005976.D

Acq: 14 Nov 2018 16:09

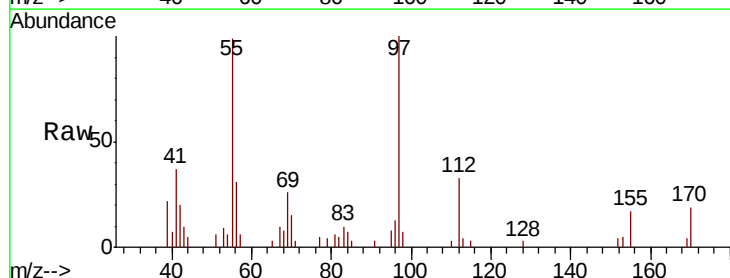
Tgt Ion: 69 Resp: 916

Ion Ratio Lower Upper

69 100

41 174.7 57.0 85.6#

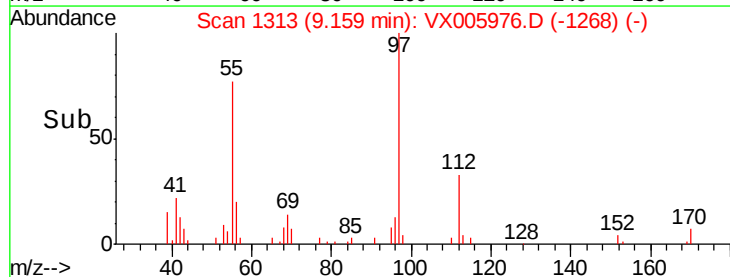
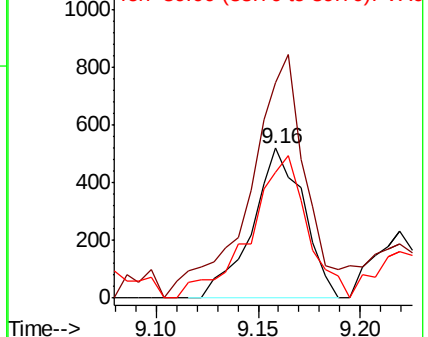
39 105.6 28.3 42.5#

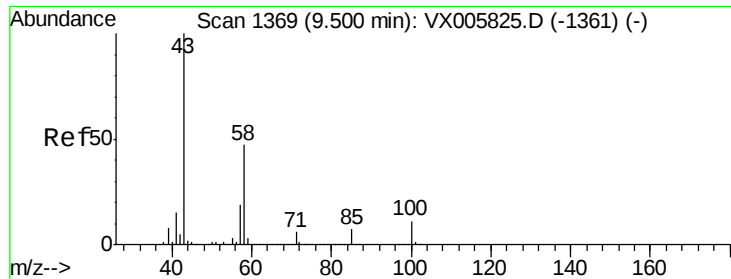


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

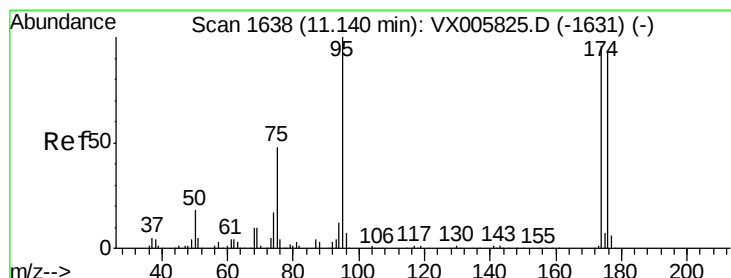
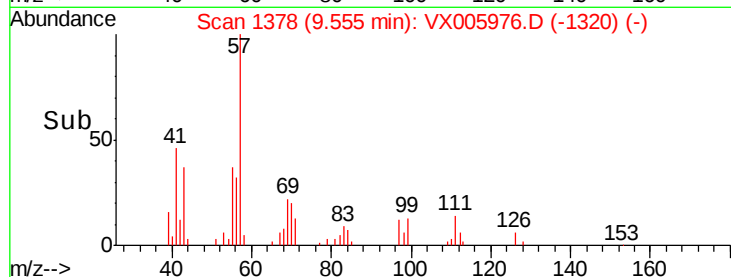
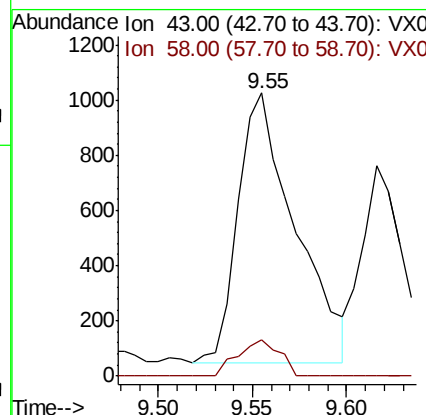
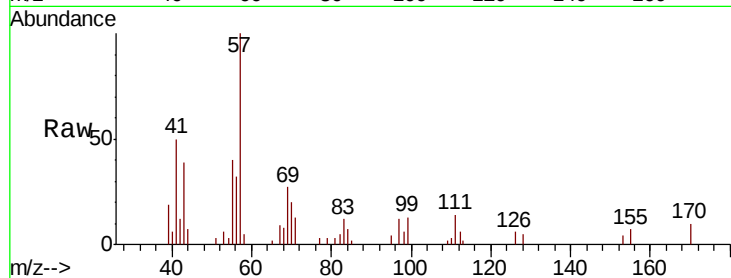




#59
2-Hexanone
Concen: 1.213 ug/l
RT: 9.55 min Scan# 1378
Delta R.T. 0.05 min
Lab File: VX005976.D
Acq: 14 Nov 2018 16:09

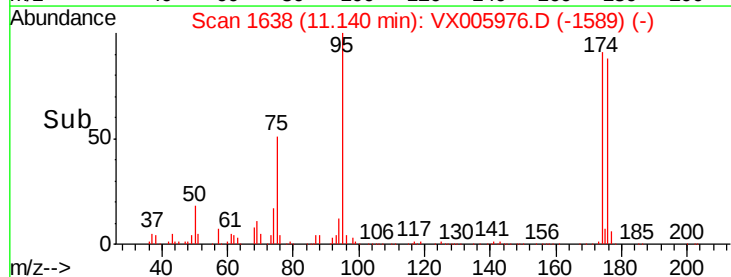
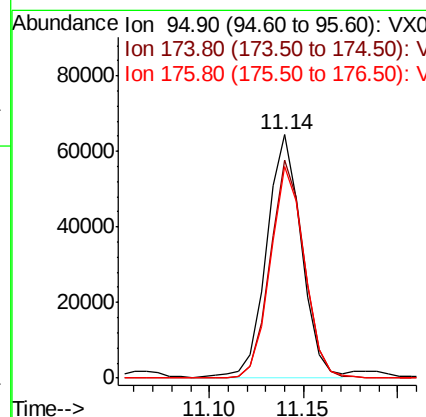
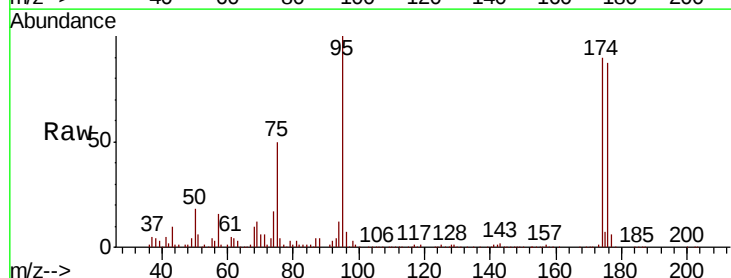
Instrument :
MSVOA_X
ClientSampleId :
TP-1D1

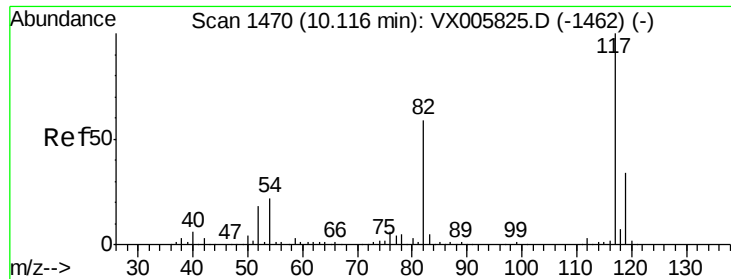
Tot Ion: 43 Resp: 2043
Ion Ratio Lower Upper
43 100
58 9.8 25.9 77.8#



#62
4-Bromofluorobenzene
Concen: 60.797 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005976.D
Acq: 14 Nov 2018 16:09

Tgt Ion: 95 Resp: 81572
Ion Ratio Lower Upper
95 100
174 88.6 0.0 184.4
176 86.0 0.0 177.4

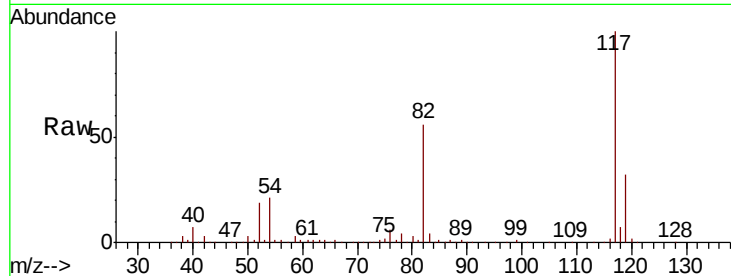




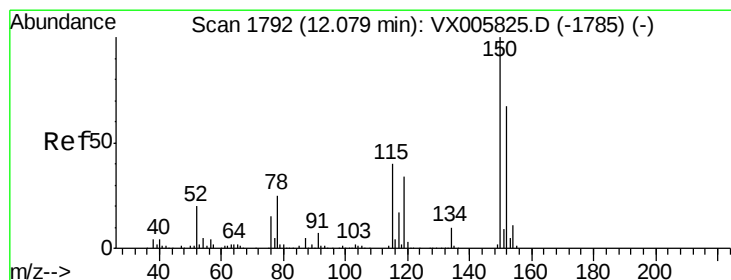
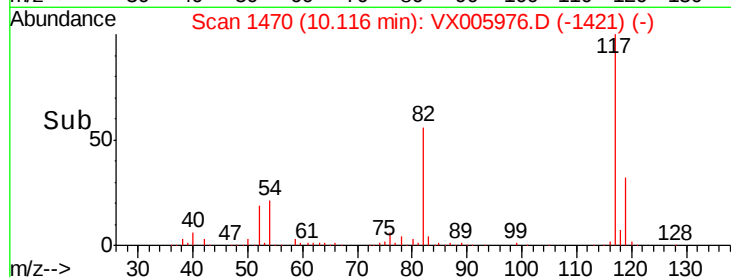
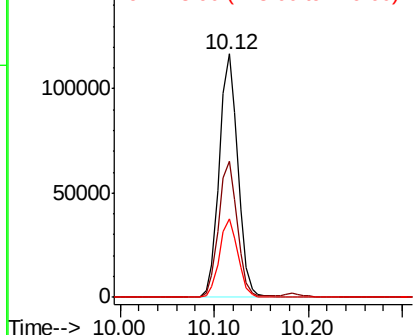
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005976.D
Acq: 14 Nov 2018 16:09

Instrument :
MSVOA_X
ClientSampleId :
TP-1D1

Tot Ion:117 Resp: 160809
Ion Ratio Lower Upper
117 100
82 55.7 44.1 66.1
119 32.4 26.2 39.2

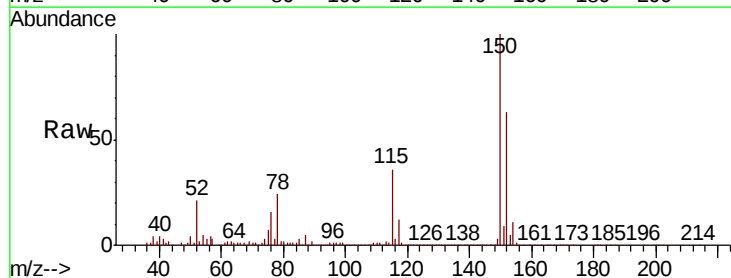


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

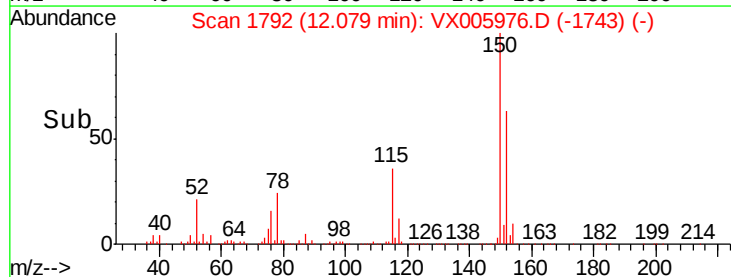
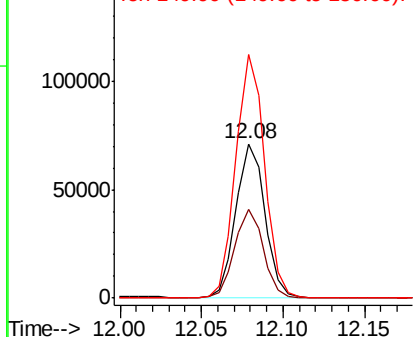


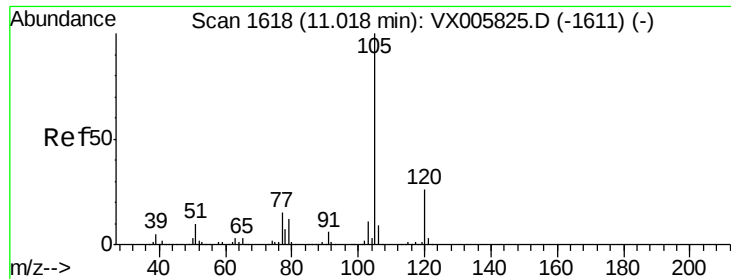
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005976.D
Acq: 14 Nov 2018 16:09

Tgt Ion:152 Resp: 87606
Ion Ratio Lower Upper
152 100
115 56.2 39.4 118.1
150 158.3 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: 6.116 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005976.D

Acq: 14 Nov 2018 16:09

Instrument :

MSVOA_X

ClientSampled :

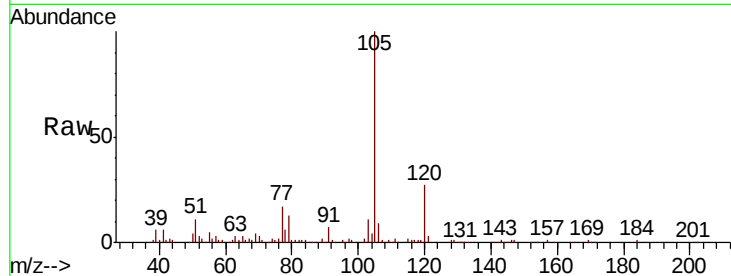
TP-1D1

Tot Ion:105 Resp: 30987

Ion Ratio Lower Upper

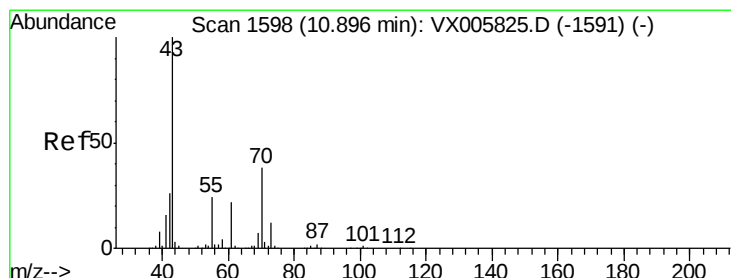
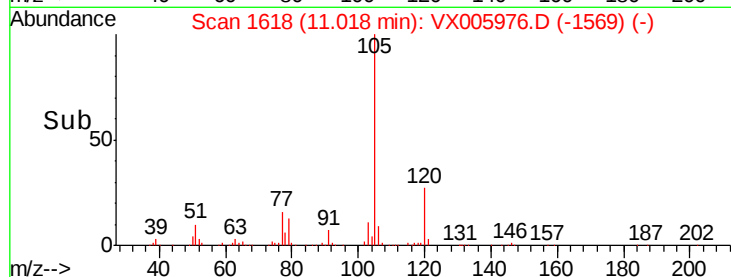
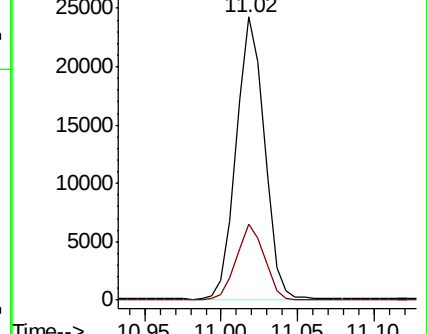
105 100

120 27.1 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 3.179 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX005976.D

Acq: 14 Nov 2018 16:09

Tgt Ion: 43 Resp: 5622

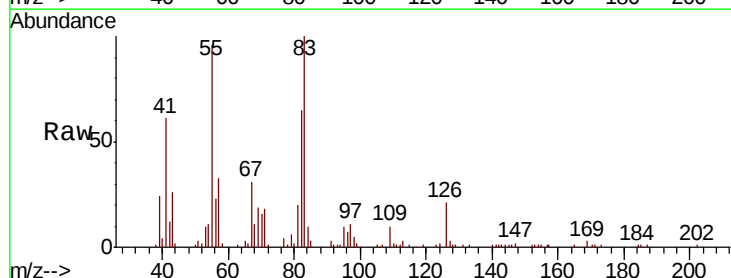
Ion Ratio Lower Upper

43 100

70 79.1 31.6 47.4#

55 347.3 19.7 29.5#

61 0.0 18.3 27.5#

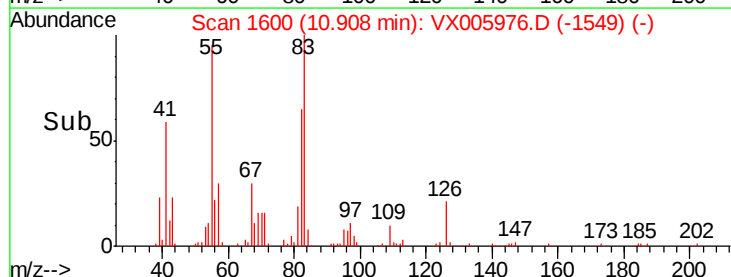
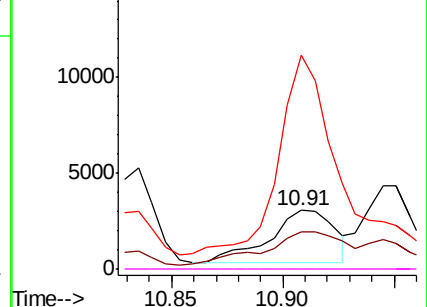


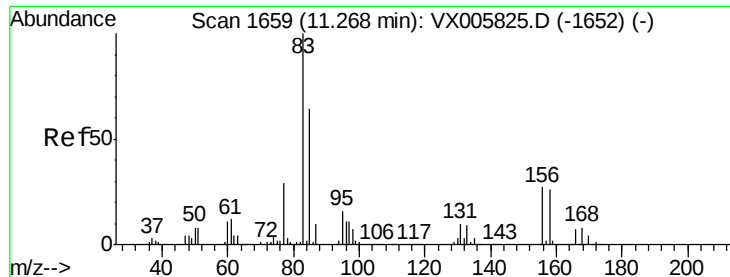
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 2.255 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX005976.D

Acq: 14 Nov 2018 16:09

Instrument :

MSVOA_X

ClientSampleId :

TP-1D1

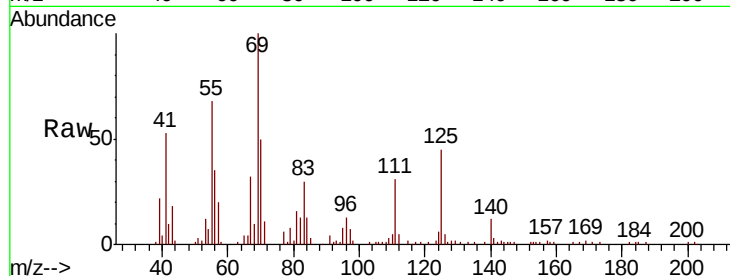
Tot Ion: 83 Resp: 4193

Ion Ratio Lower Upper

83 100

131 2.8 5.3 15.9#

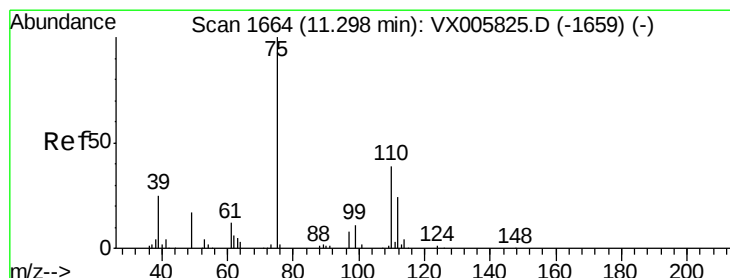
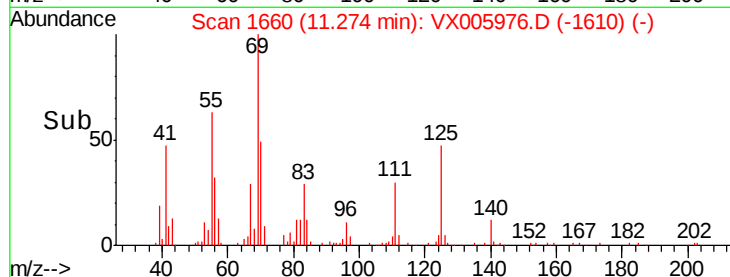
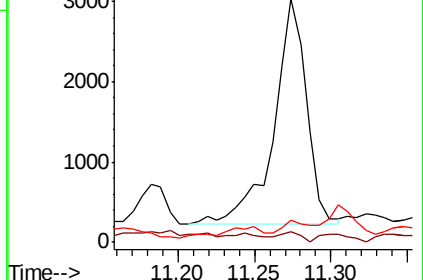
85 6.2 32.0 96.2#



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: 22.845 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005976.D

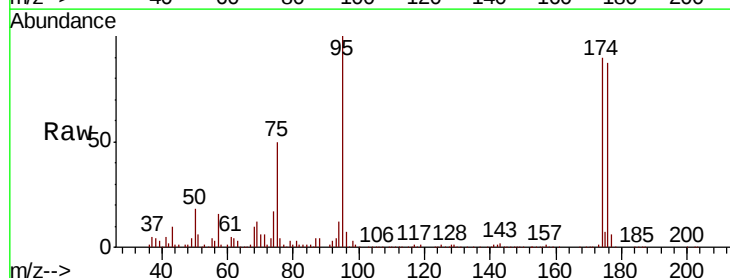
Acq: 14 Nov 2018 16:09

Tgt Ion: 75 Resp: 40752

Ion Ratio Lower Upper

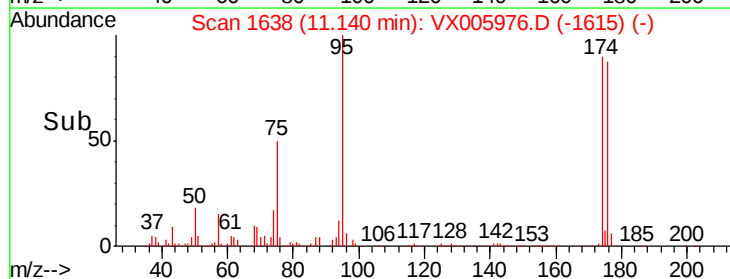
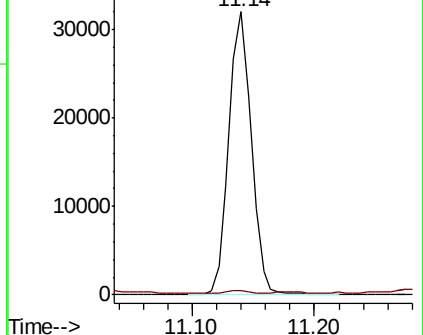
75 100

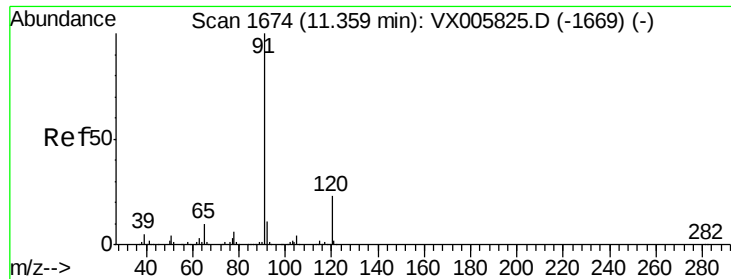
77 1.1 20.5 61.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 9.977 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005976.D

Acq: 14 Nov 2018 16:09

Instrument :

MSVOA_X

ClientSampled :

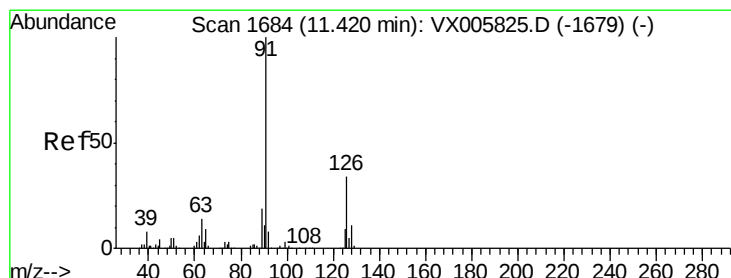
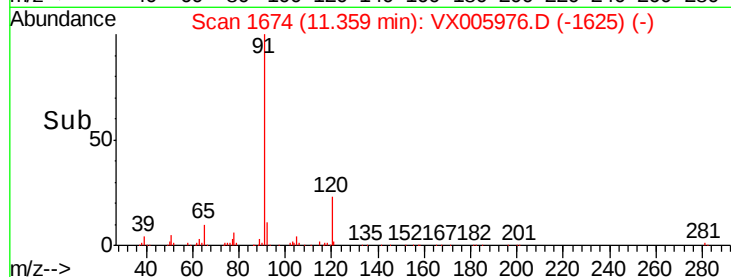
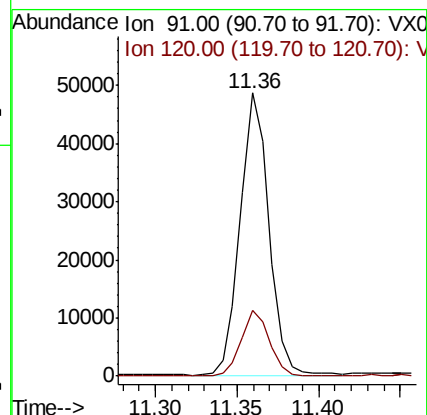
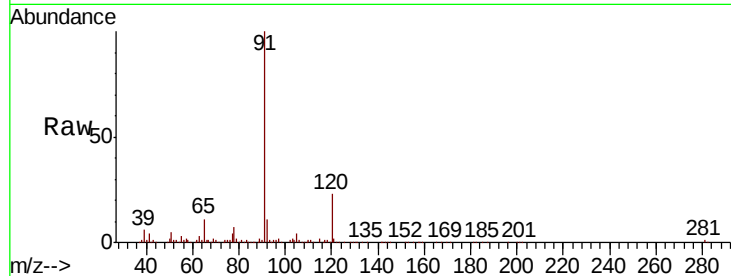
TP-1D1

Tot Ion: 91 Resp: 59569

Ion Ratio Lower Upper

91 100

120 23.2 11.9 35.5



#79

2-Chlorotoluene

Concen: 16.506 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX005976.D

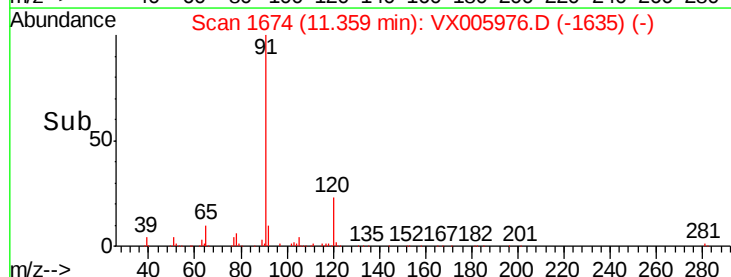
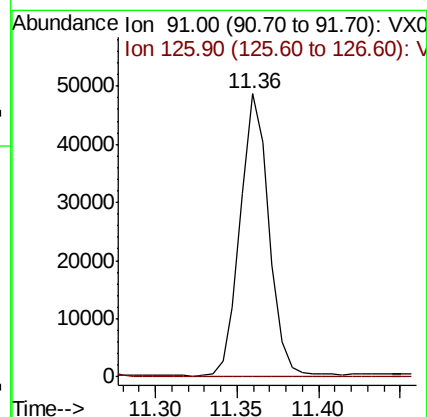
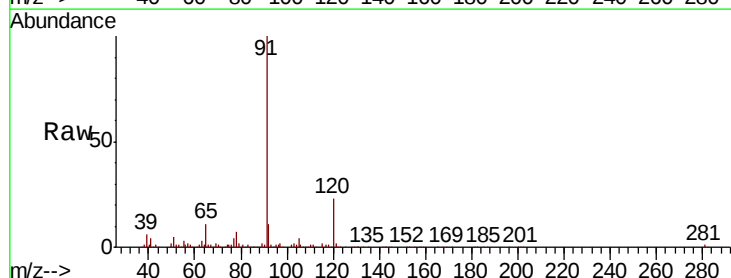
Acq: 14 Nov 2018 16:09

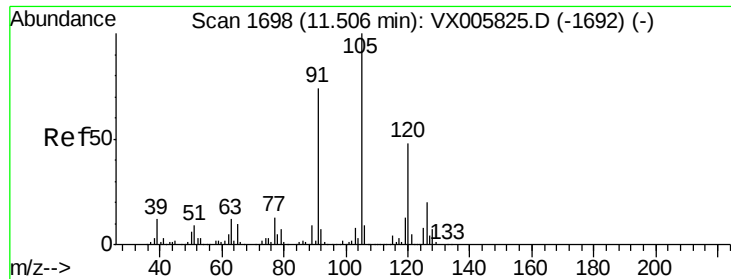
Tgt Ion: 91 Resp: 59569

Ion Ratio Lower Upper

91 100

126 0.0 17.3 52.0#

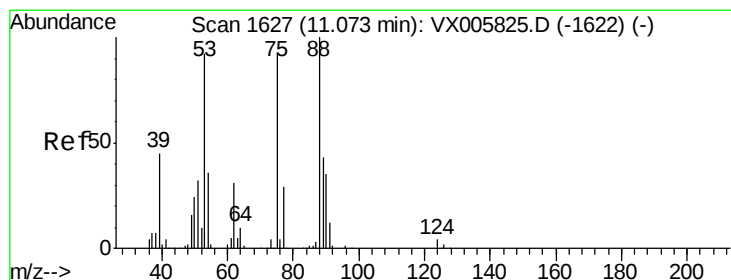
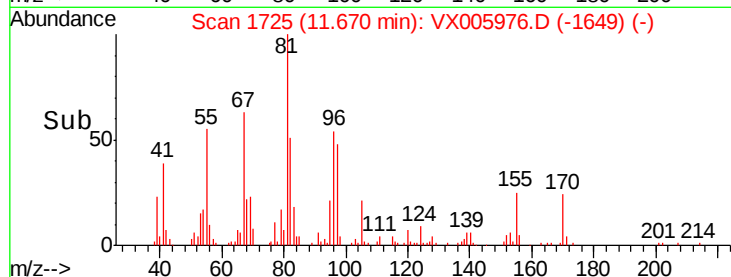
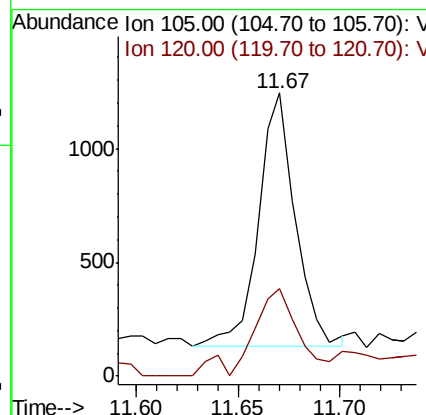
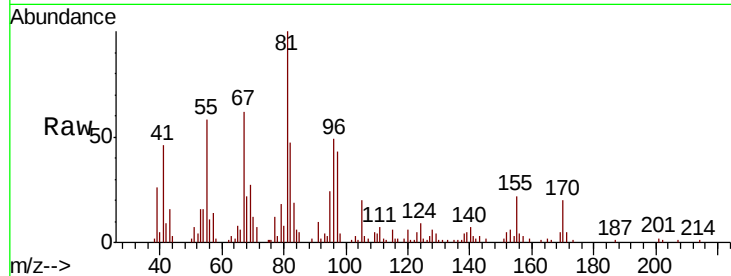




#80
 1,3,5-Trimethylbenzene
 Concen: 0.326 ug/l
 RT: 11.67 min Scan# 1725
 Delta R.T. 0.16 min
 Lab File: VX005976.D
 Acq: 14 Nov 2018 16:09

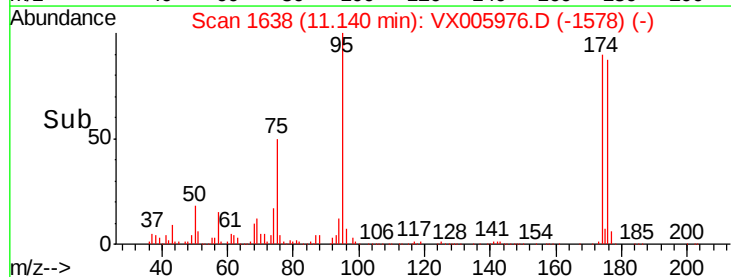
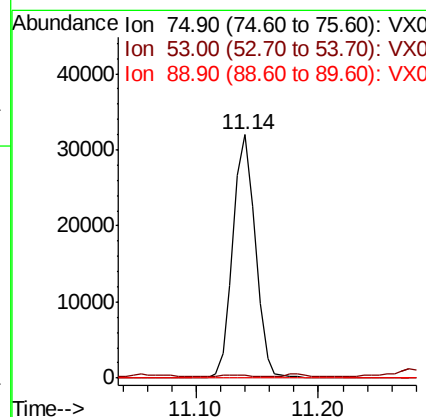
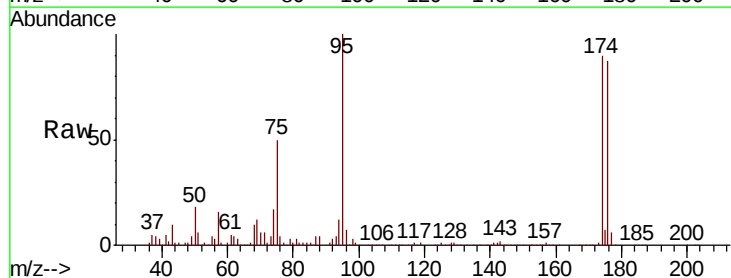
Instrument :
 MSVOA_X
 ClientSampled :
 TP-1D1

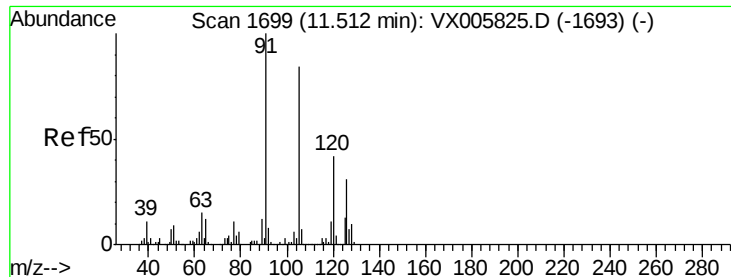
Tot Ion:105 Resp: 1404
 Ion Ratio Lower Upper
 105 100
 120 44.4 24.1 72.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.811 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.07 min
 Lab File: VX005976.D
 Acq: 14 Nov 2018 16:09

Tgt Ion: 75 Resp: 40752
 Ion Ratio Lower Upper
 75 100
 53 1.0 80.2 120.2#
 89 0.0 39.8 59.8#





#82

4-Chlorotoluene

Concen: 14.006 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX005976.D

Acq: 14 Nov 2018 16:09

Instrument :

MSVOA_X

ClientSampled :

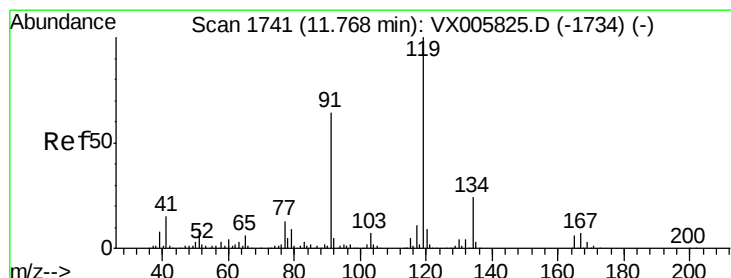
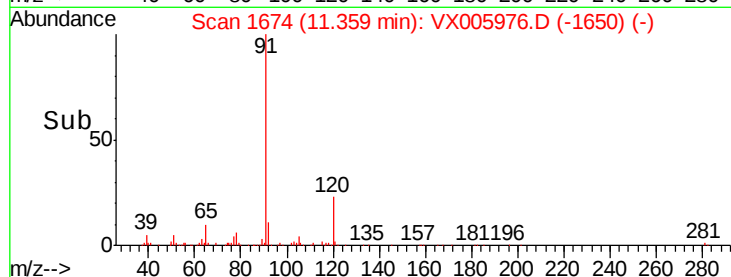
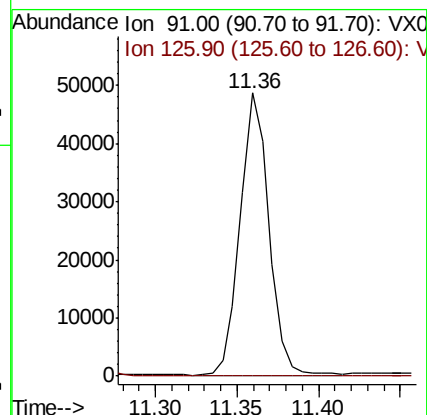
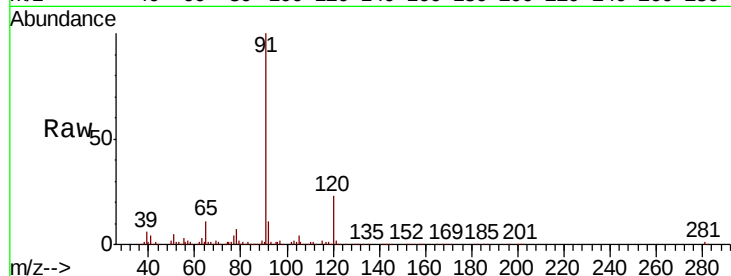
TP-1D1

Tot Ion: 91 Resp: 59569

Ion Ratio Lower Upper

91 100

126 0.0 15.2 45.6#



#83

tert-Butylbenzene

Concen: 1.343 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX005976.D

Acq: 14 Nov 2018 16:09

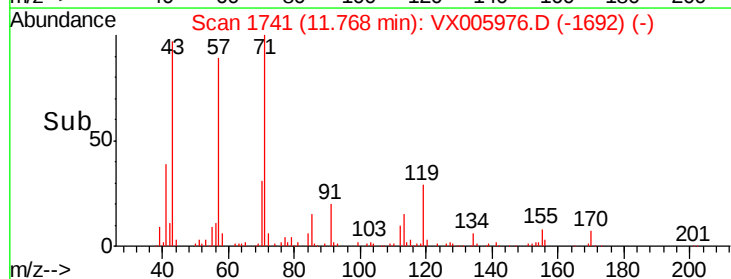
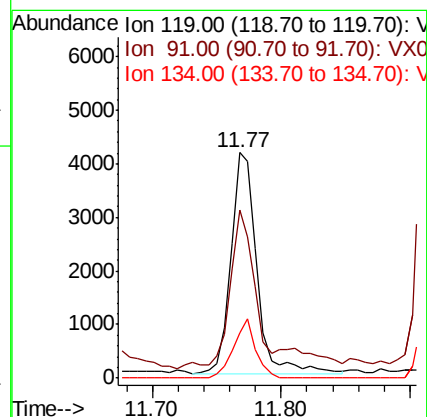
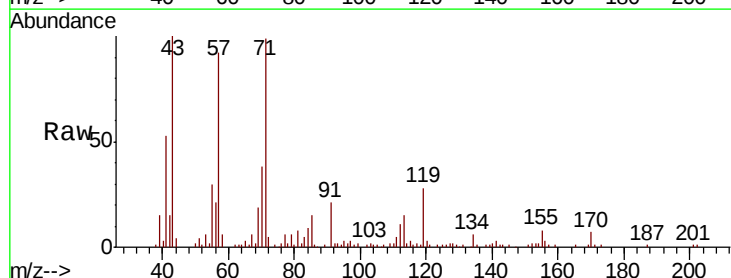
Tgt Ion: 119 Resp: 5848

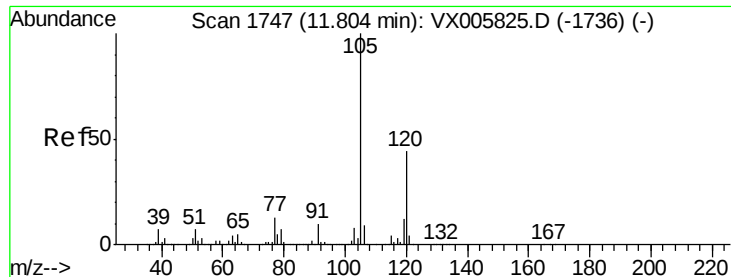
Ion Ratio Lower Upper

119 100

91 70.4 28.5 85.5

134 22.8 11.3 33.8

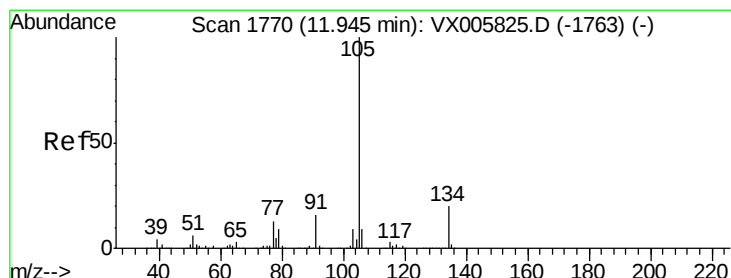
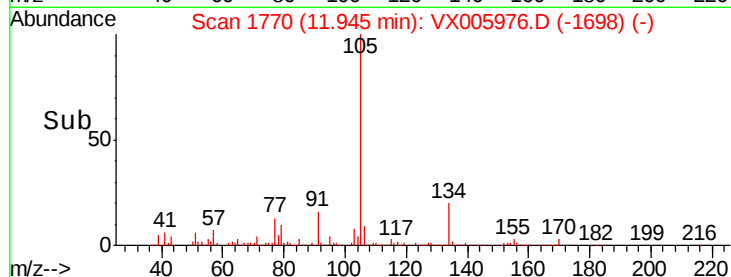
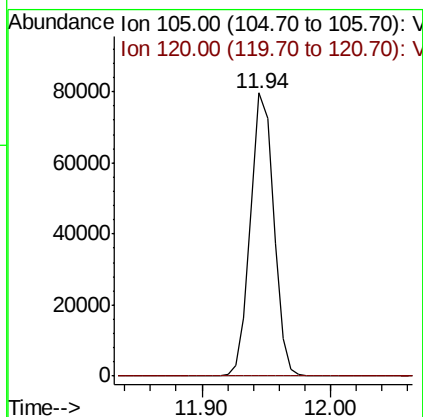
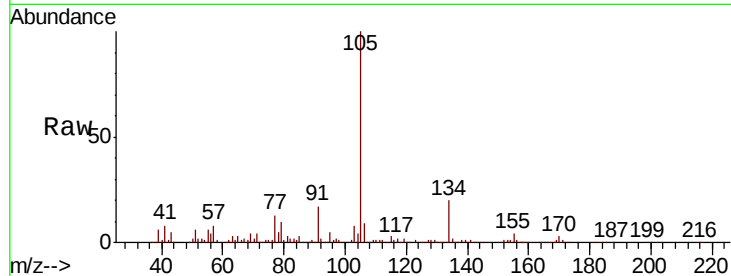




#84
 1,2,4-Trimethylbenzene
 Concen: 20.632 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.14 min
 Lab File: VX005976.D
 Acq: 14 Nov 2018 16:09

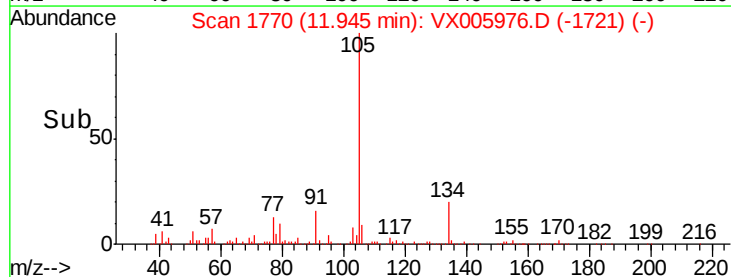
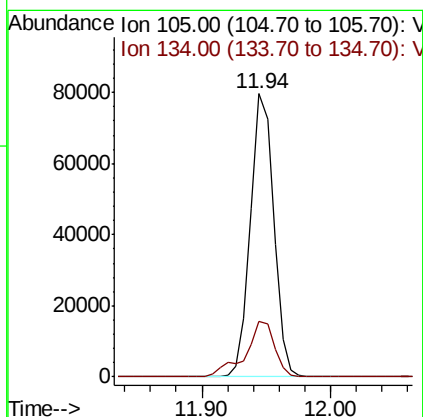
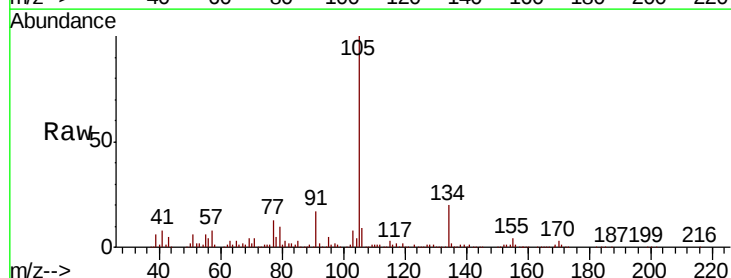
Instrument :
 MSVOA_X
 ClientSampleID :
 TP-1D1

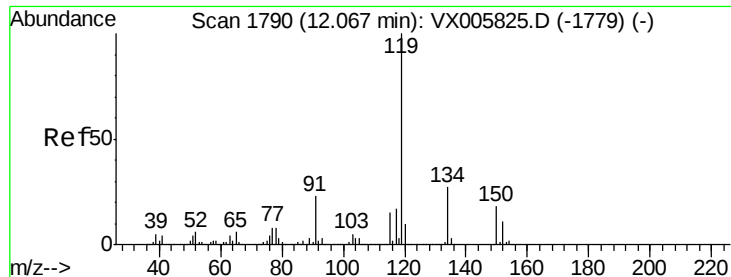
Tot Ion:105 Resp: 98359
 Ion Ratio Lower Upper
 105 100
 120 0.4 22.4 67.0#



#85
 sec-Butylbenzene
 Concen: 18.467 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX005976.D
 Acq: 14 Nov 2018 16:09

Tgt Ion:105 Resp: 98359
 Ion Ratio Lower Upper
 105 100
 134 24.8 10.2 30.4

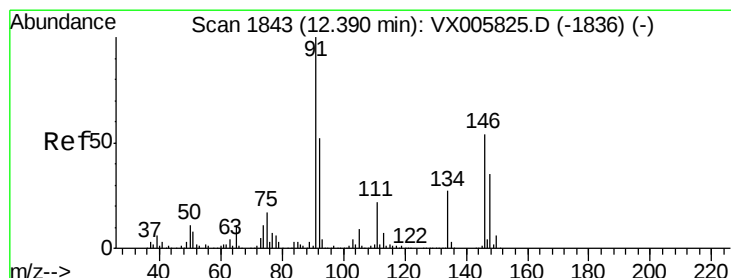
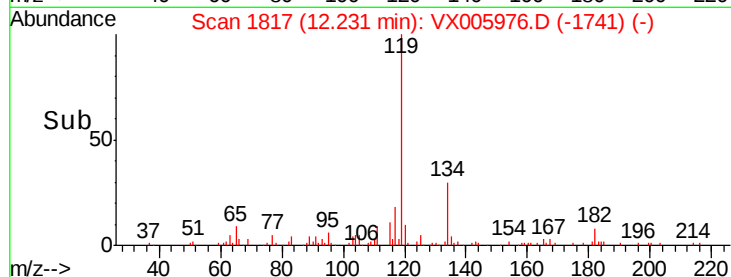
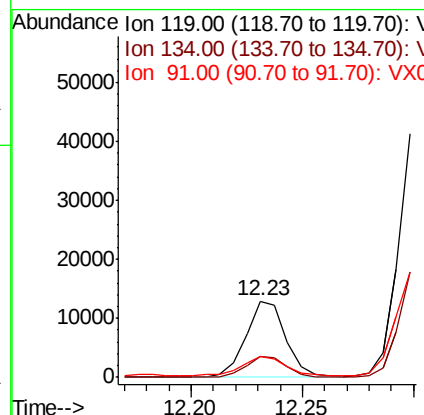
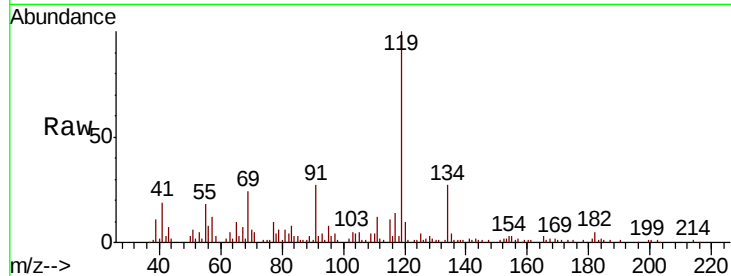




#86
p-Isopropyltoluene
Concen: 3.373 ug/l
RT: 12.23 min Scan# 1817
Delta R.T. 0.16 min
Lab File: VX005976.D
Acq: 14 Nov 2018 16:09

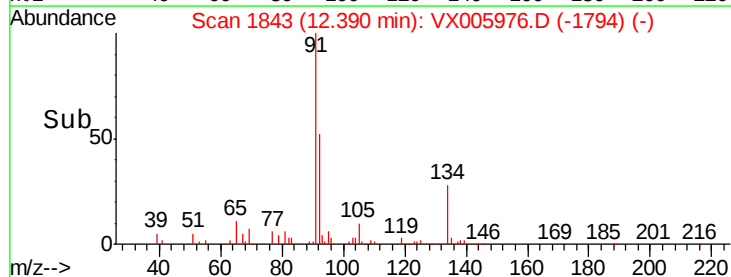
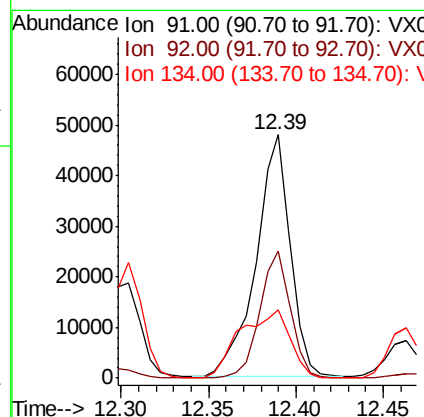
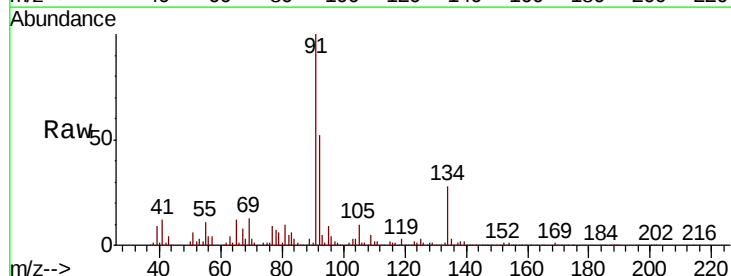
Instrument :
MSVOA_X
ClientSampled :
TP-1D1

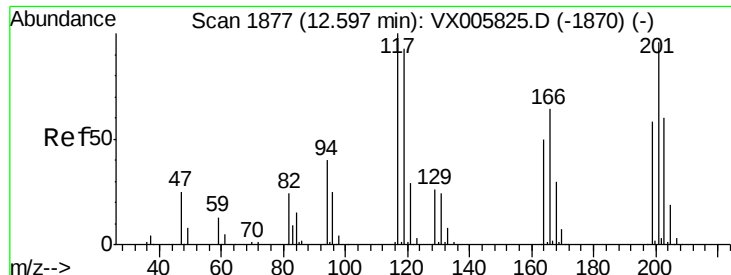
Tot Ion:119 Resp: 15913
Ion Ratio Lower Upper
119 100
134 28.2 13.0 39.0
91 26.0 11.4 34.2



#89
n-Butylbenzene
Concen: 14.761 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005976.D
Acq: 14 Nov 2018 16:09

Tgt Ion: 91 Resp: 64543
Ion Ratio Lower Upper
91 100
92 47.1 26.1 78.2
134 41.3 13.1 39.3#





#90

Hexachloroethane

Concen: 28.292 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX005976.D

Acq: 14 Nov 2018 16:09

Instrument :

MSVOA_X

ClientSampleId :

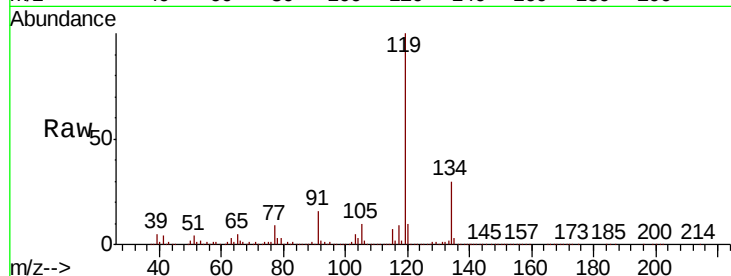
TP-1D1

Tot Ion:117 Resp: 22284

Ion Ratio Lower Upper

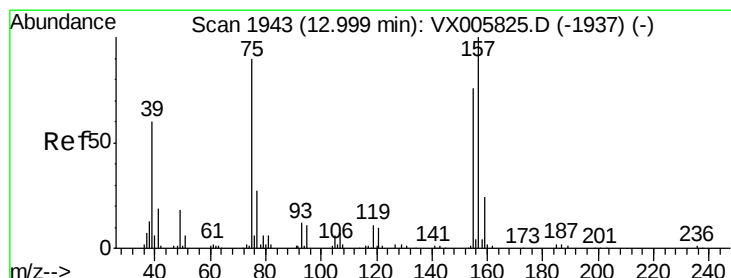
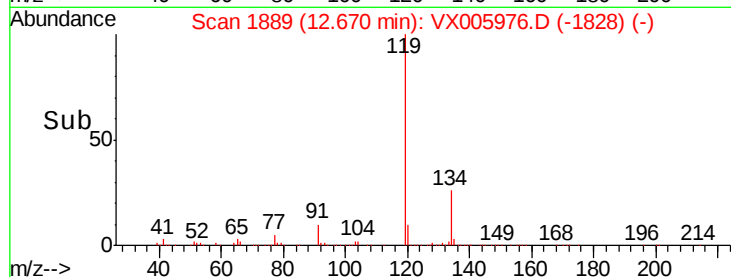
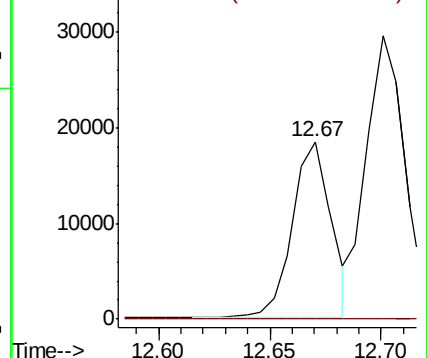
117 100

201 0.0 47.9 143.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.788 ug/l

RT: 12.98 min Scan# 1940

Delta R.T. -0.02 min

Lab File: VX005976.D

Acq: 14 Nov 2018 16:09

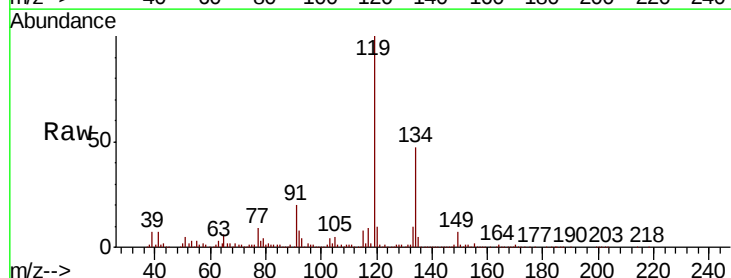
Tgt Ion: 75 Resp: 1719

Ion Ratio Lower Upper

75 100

155 0.0 45.4 136.1#

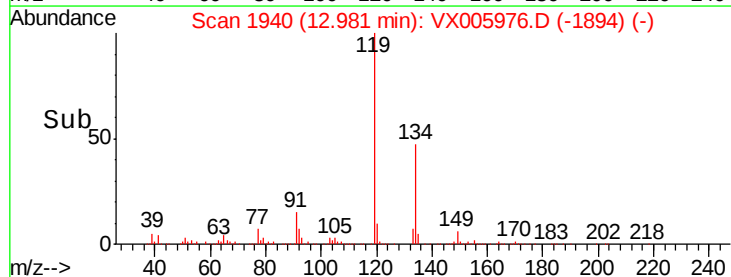
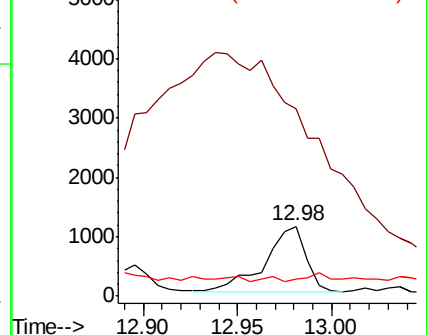
157 7.8 57.4 172.0#

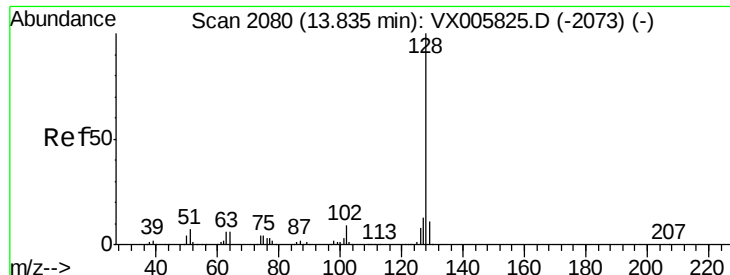


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 2.333 ug/l

RT: 13.85 min Scan# 2083

Delta R.T. 0.02 min

Lab File: VX005976.D

Acq: 14 Nov 2018 16:09

Instrument :

MSVOA_X

ClientSampleId :

TP-1D1

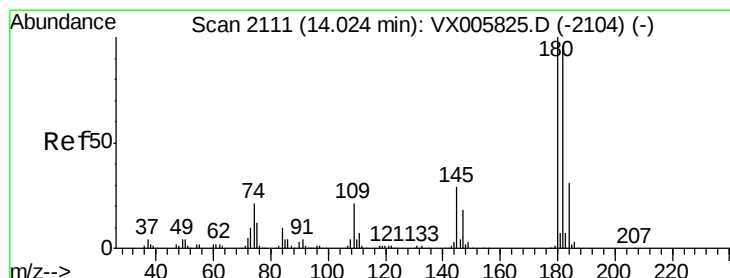
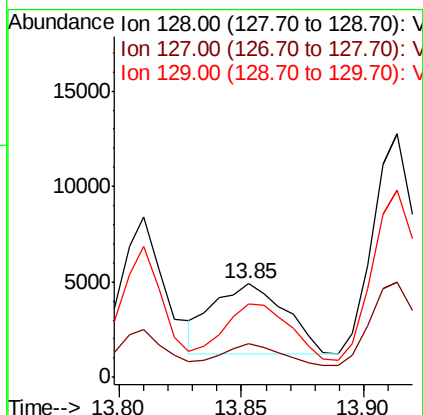
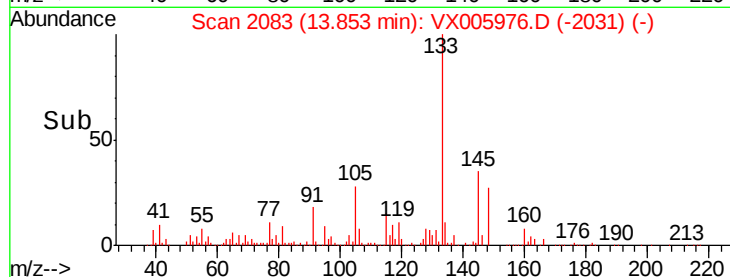
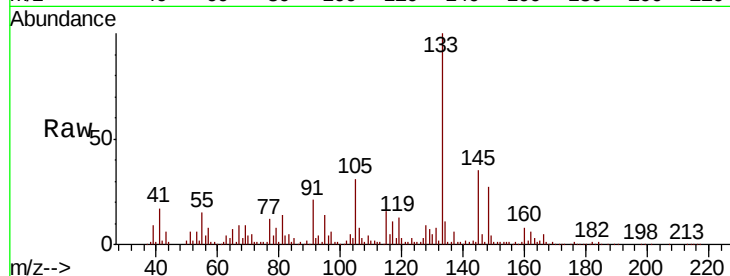
Tot Ion:128 Resp: 7460

Ion Ratio Lower Upper

128 100

127 32.0 10.4 15.6#

129 74.8 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 0.342 ug/l

RT: 14.03 min Scan# 2112

Delta R.T. 0.01 min

Lab File: VX005976.D

Acq: 14 Nov 2018 16:09

Tgt Ion:180 Resp: 673

Ion Ratio Lower Upper

180 100

182 0.0 48.0 144.2#

145 7200.6 15.1 45.3#

