

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111918\
 Data File : VX006091.D
 Acq On : 19 Nov 2018 15:14
 Operator : JC/MD
 Sample : J5950-02
 Misc : 6.15g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SSI-04ME

Quant Time: Nov 20 00:00:41 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	140928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	200231	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	161743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	87889	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	76458	47.19	ug/l	0.00
Spiked Amount			Recovery	=	94.38%	
35) Dibromofluoromethane	5.51	113	63190	46.40	ug/l	0.00
Spiked Amount			Recovery	=	92.80%	
50) Toluene-d8	8.71	98	211446	46.70	ug/l	0.00
Spiked Amount			Recovery	=	93.40%	
62) 4-Bromofluorobenzene	11.14	95	78466	48.20	ug/l	0.00
Spiked Amount			Recovery	=	96.40%	

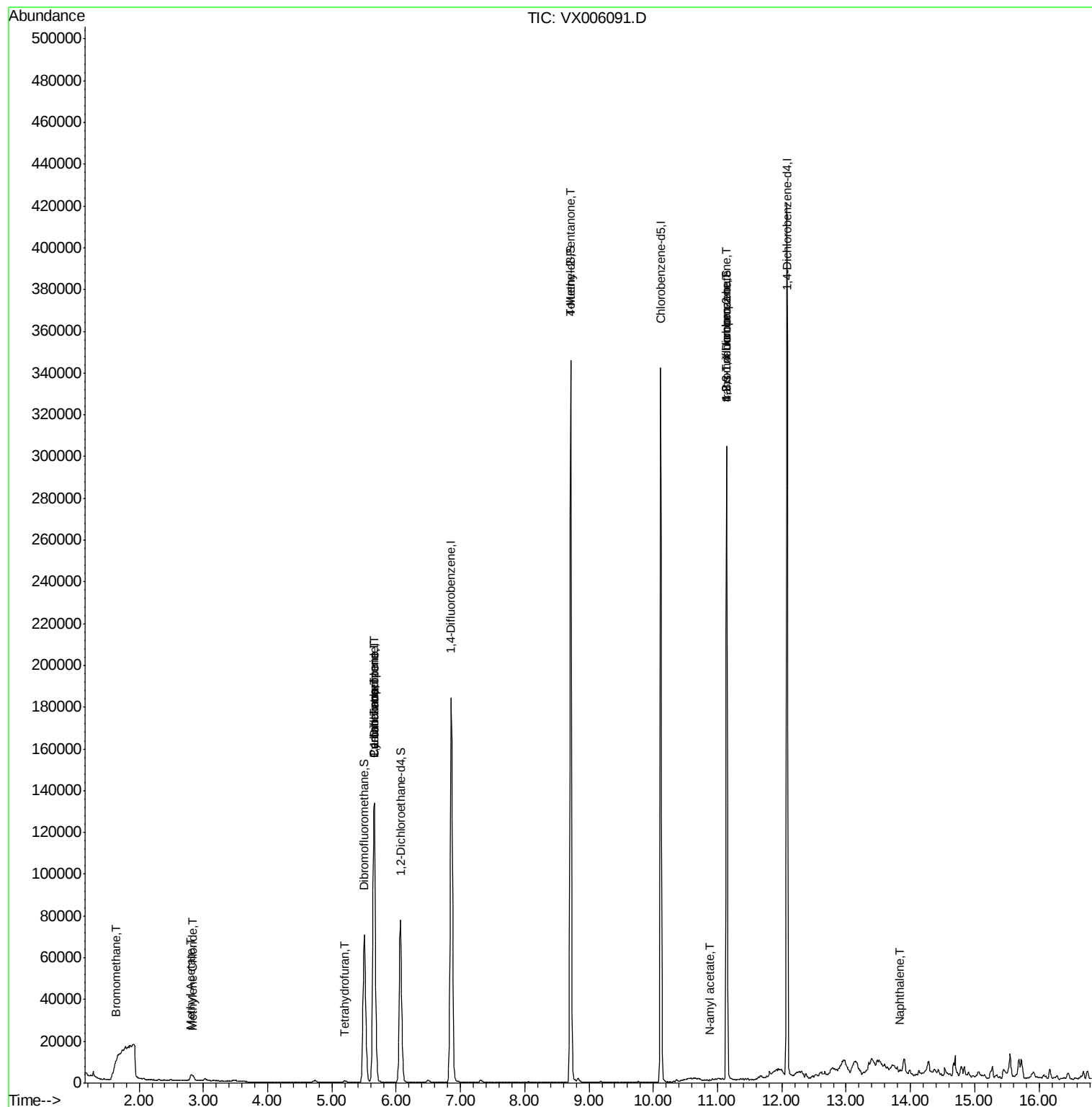
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	388	0.379	ug/l	92
18) Methyl Acetate	2.81	43	4516	0.462	ug/l	99
20) Methylene Chloride	2.84	84	690	0.482	ug/l #	90
29) Tetrahydrofuran	5.19	42	688	0.781	ug/l #	79
31) Cyclohexane	5.66	56	2340	1.037	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	9404	4.872	ug/l #	48
38) Carbon Tetrachloride	5.66	117	12227	6.327	ug/l #	16
51) 4-Methyl-2-Pentanone	8.71	43	1106	0.477	ug/l #	1
74) N-amyl acetate	10.88	43	154	1.303	ug/l #	15
76) 1,2,3-Trichloropropane	11.14	75	38877	21.724	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.14	75	38877	69.237	ug/l #	9
95) Naphthalene	13.83	128	1419	1.397	ug/l #	60

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

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Misc : 6.15uL/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SSI-04ME

Quant Time: Nov 20 00:00:41 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX006091.D

Acq: 19 Nov 2018 15:14

Instrument :

MSVOA_X

ClientSampleId :

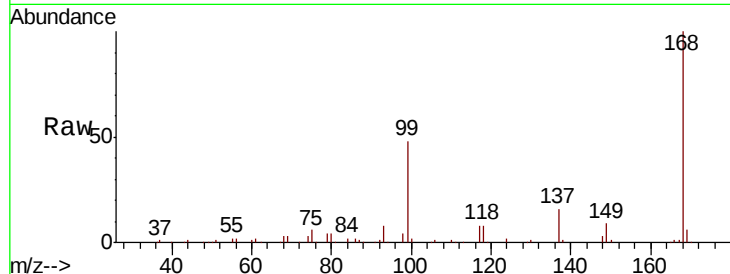
SSI-04ME

Tot Ion:168 Resp: 140928

Ion Ratio Lower Upper

168 100

99 48.5 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

30000

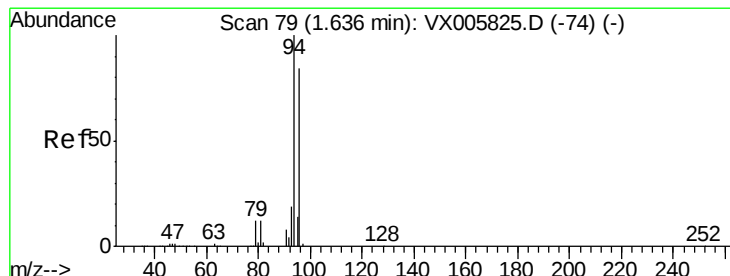
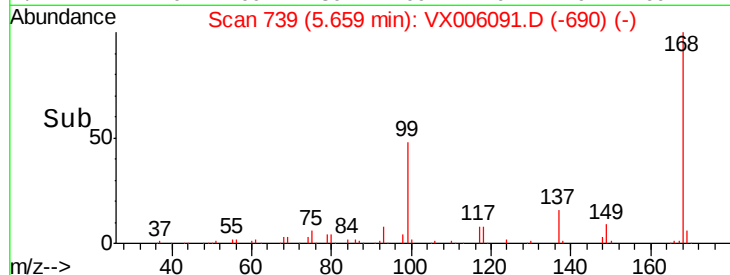
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.379 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX006091.D

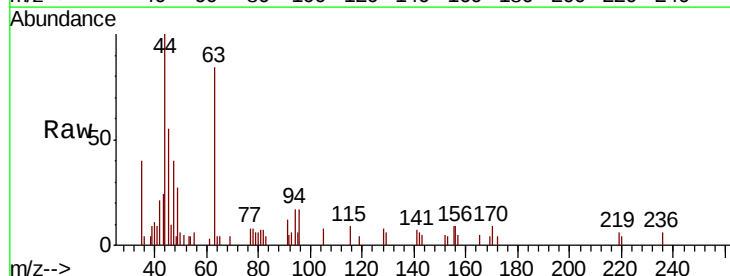
Acq: 19 Nov 2018 15:14

Tgt Ion: 94 Resp: 388

Ion Ratio Lower Upper

94 100

96 101.7 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

250

200

150

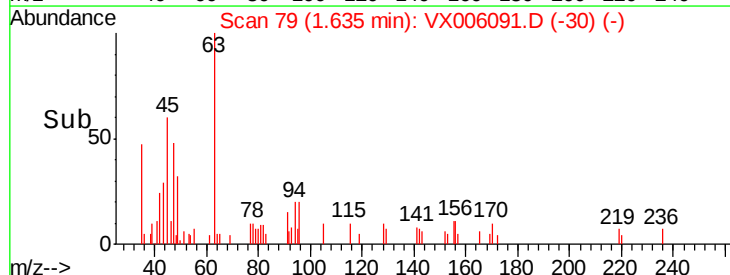
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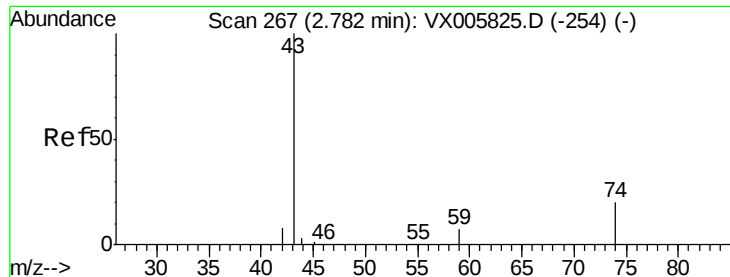
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0

Time-->

1.60 1.65

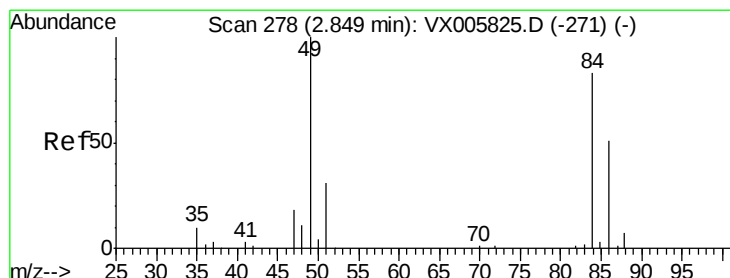
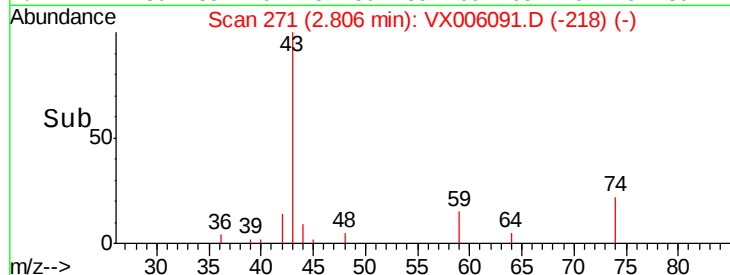
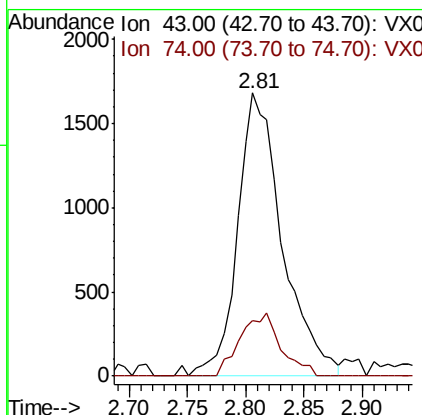
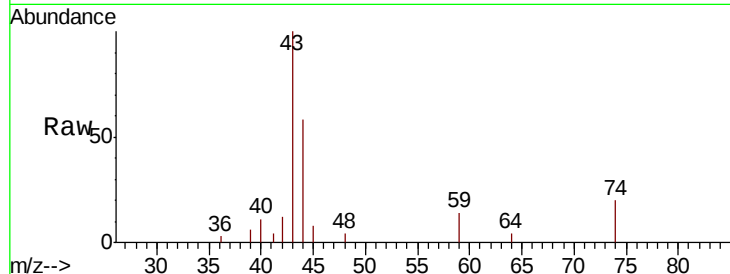




#18
Methvl Acetate
Concen: 0.462 ug/l
RT: 2.81 min Scan# 271
Delta R.T. 0.02 min
Lab File: VX006091.D
Acq: 19 Nov 2018 15:14

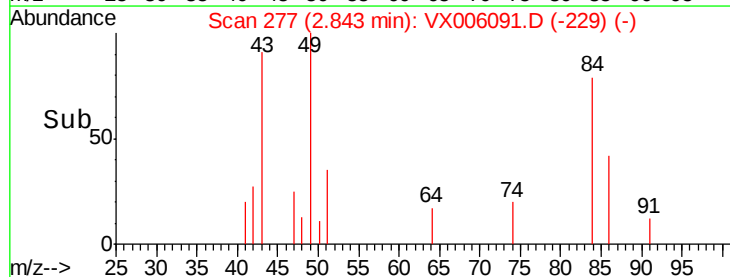
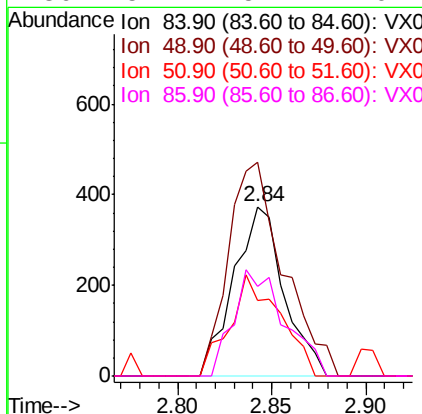
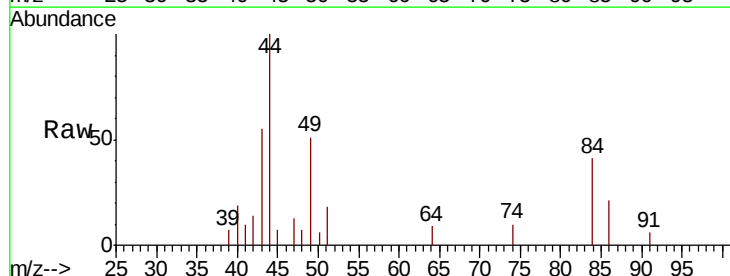
Instrument :
MSVOA_X
ClientSampleId :
SSI-04ME

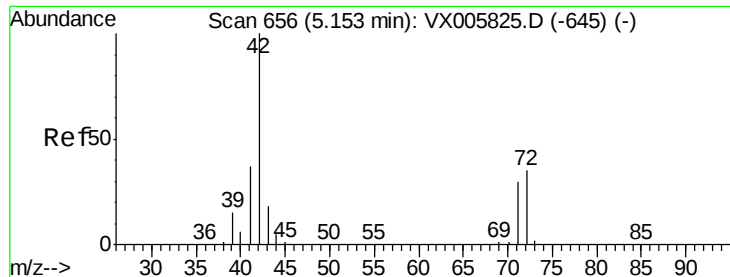
Tot Ion: 43 Resp: 4516
Ion Ratio Lower Upper
43 100
74 20.3 16.8 25.2



#20
Methylene Chloride
Concen: 0.482 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.01 min
Lab File: VX006091.D
Acq: 19 Nov 2018 15:14

Tgt Ion: 84 Resp: 690
Ion Ratio Lower Upper
84 100
49 125.9 109.5 164.3
51 44.7 33.3 49.9
86 52.7 52.7 79.1#

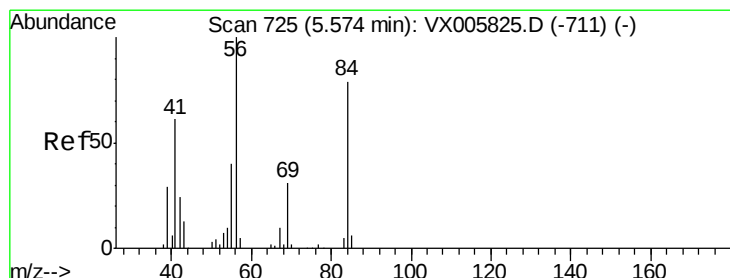
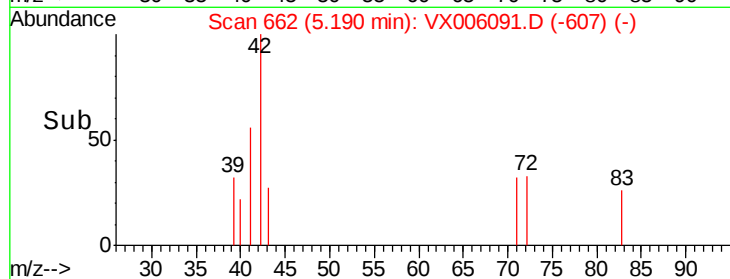
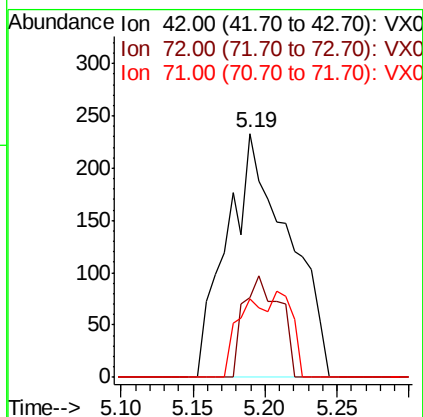
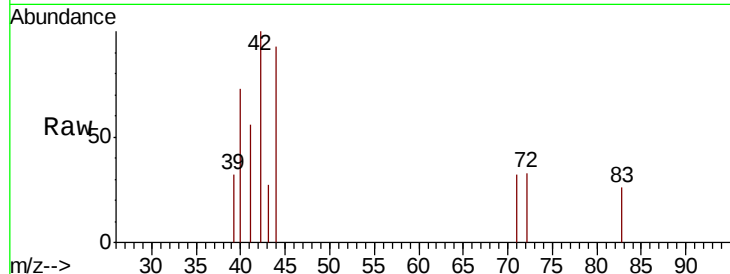




#29
Tetrahydrofuran
Concen: 0.781 ug/l
RT: 5.19 min Scan# 662
Delta R.T. 0.04 min
Lab File: VX006091.D
Acq: 19 Nov 2018 15:14

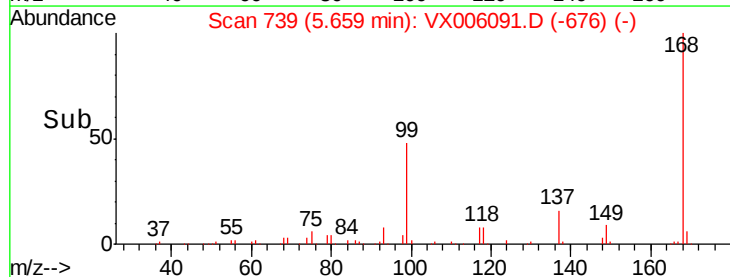
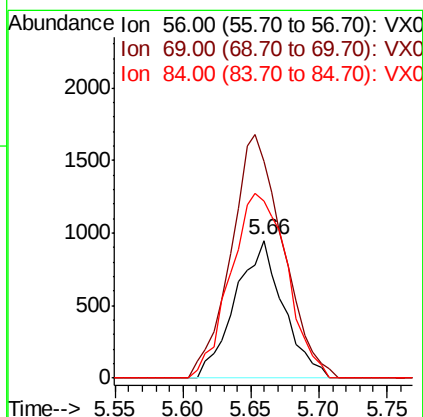
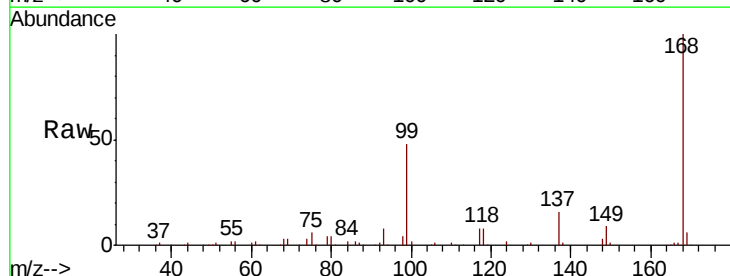
Instrument :
MSVOA_X
ClientSampleId :
SSI-04ME

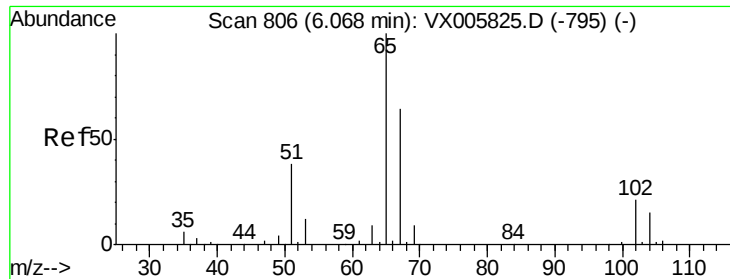
Tot Ion: 42 Resp: 688
Ion Ratio Lower Upper
42 100
72 24.4 32.0 48.0#
71 28.1 29.8 44.8#



#31
Cyclohexane
Concen: 1.037 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX006091.D
Acq: 19 Nov 2018 15:14

Tgt Ion: 56 Resp: 2340
Ion Ratio Lower Upper
56 100
69 157.5 22.6 34.0#
84 129.0 62.7 94.1#

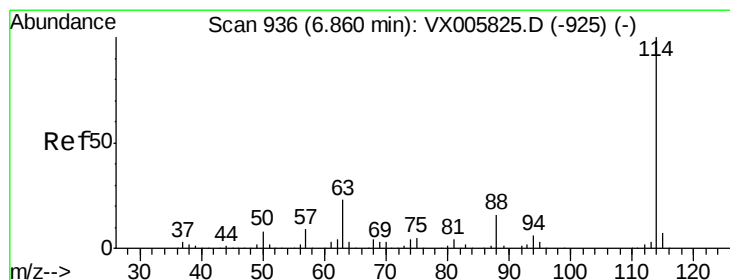
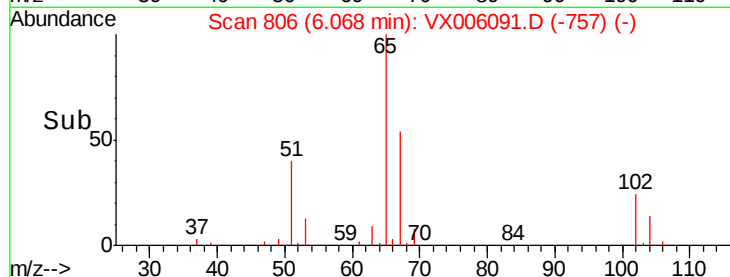
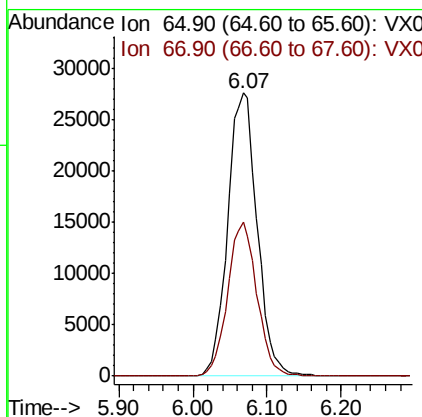
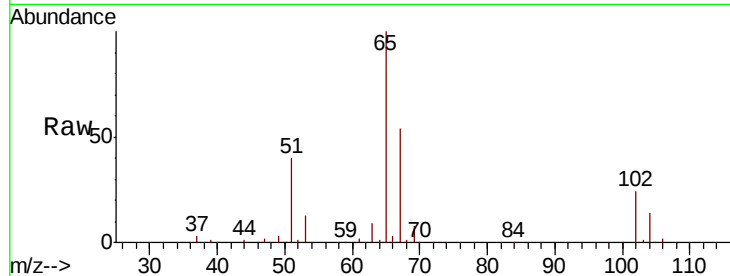




#33
 1,2-Dichloroethane-d4
 Concen: 47.192 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006091.D
 Acq: 19 Nov 2018 15:14

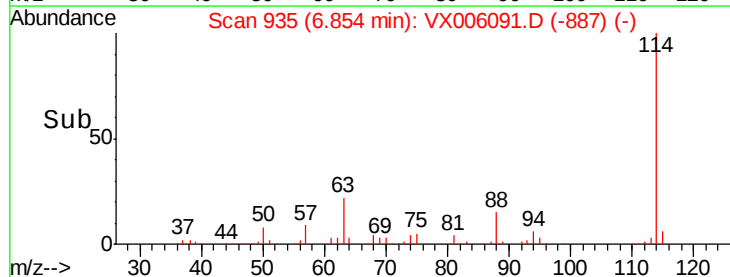
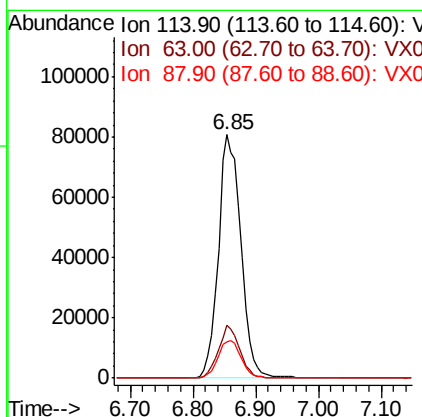
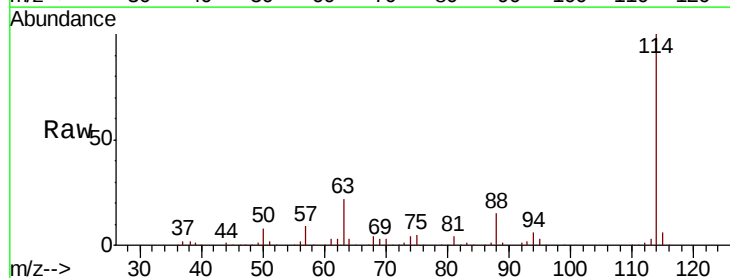
Instrument :
 MSVOA_X
 ClientSampleId :
 SSI-04ME

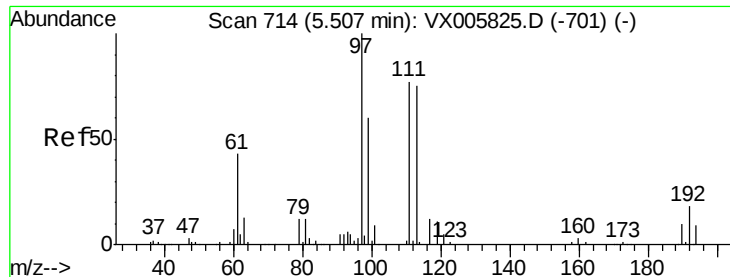
Tot Ion: 65 Resp: 76458
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX006091.D
 Acq: 19 Nov 2018 15:14

Tgt Ion: 114 Resp: 200231
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 42.8
 88 14.7 0.0 31.2

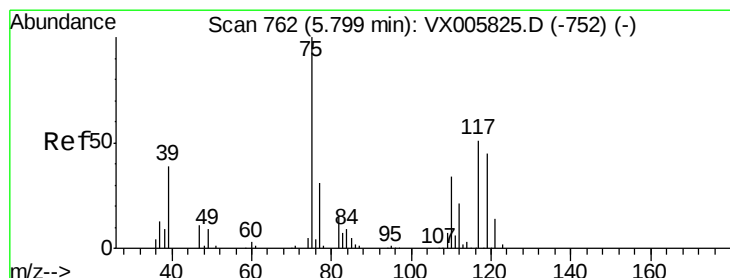
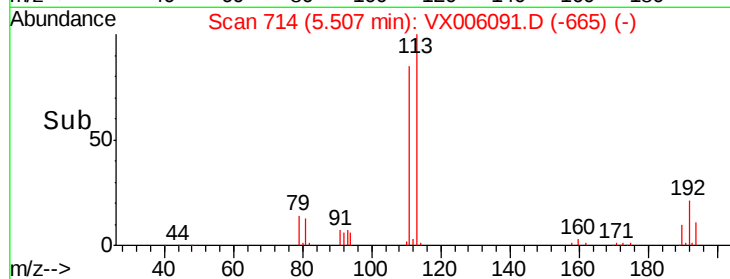
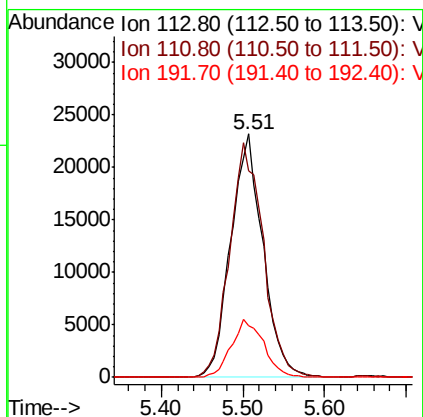
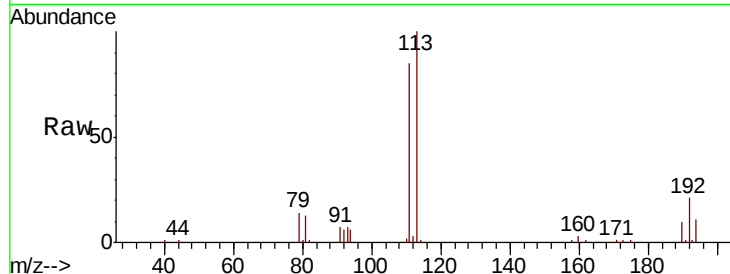




#35
 Dibromofluoromethane
 Concen: 46.399 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VX006091.D
 Acq: 19 Nov 2018 15:14

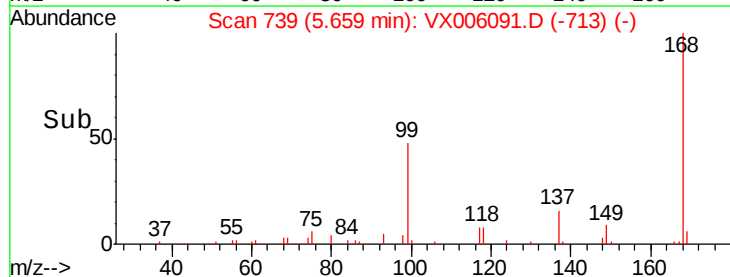
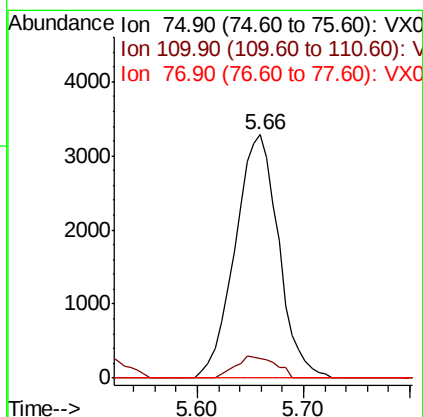
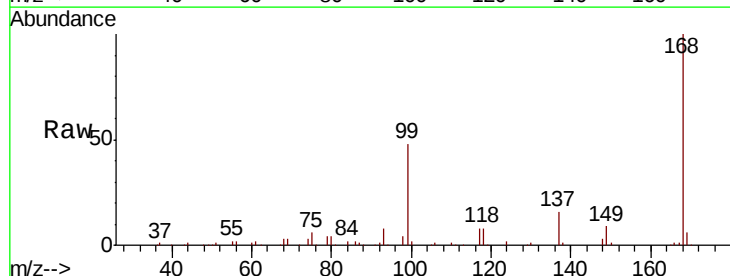
Instrument :
 MSVOA_X
 ClientSampleId :
 SSI-04ME

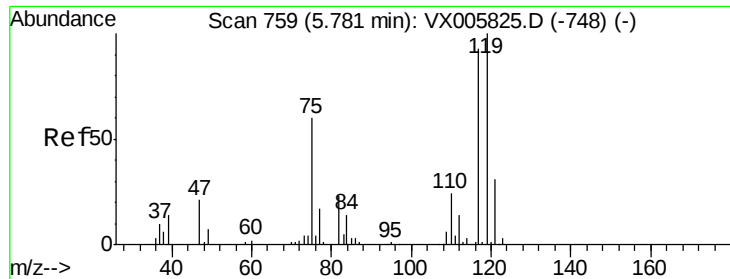
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.3	123.5
192	23.9	17.9	26.9



#36
 1,1-Dichloropropene
 Concen: 4.872 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX006091.D
 Acq: 19 Nov 2018 15:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.4	52.2#
77	0.0	25.8	38.6#

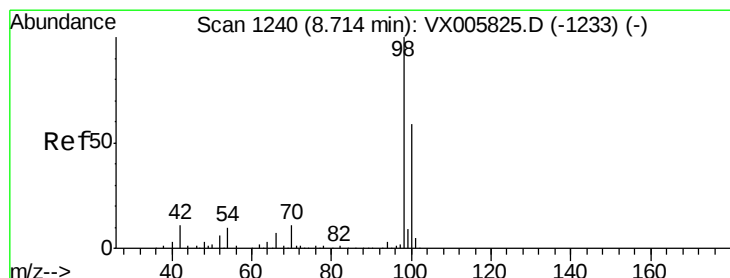
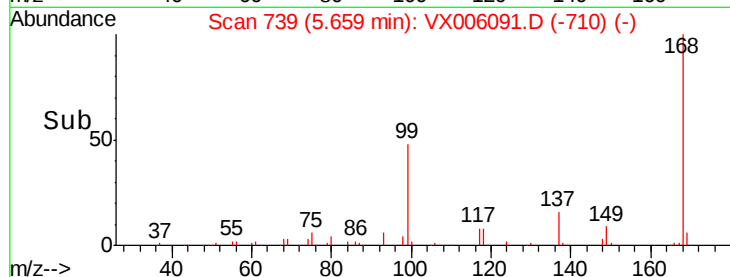
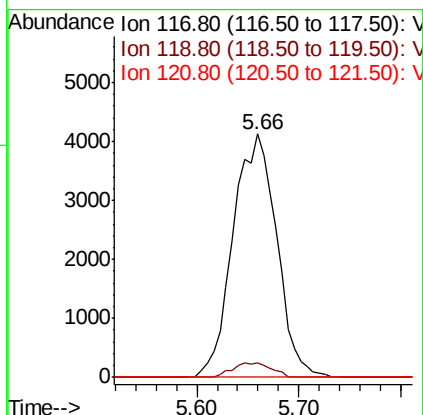
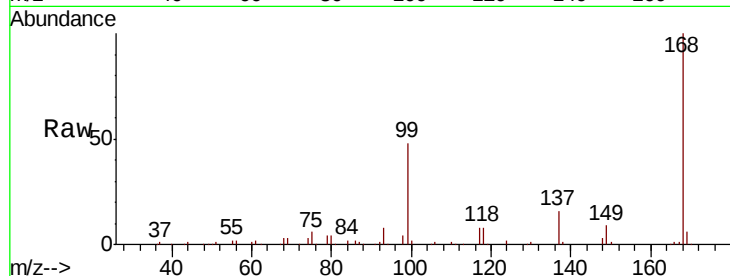




#38
Carbon Tetrachloride
Concen: 6.327 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX006091.D
Acq: 19 Nov 2018 15:14

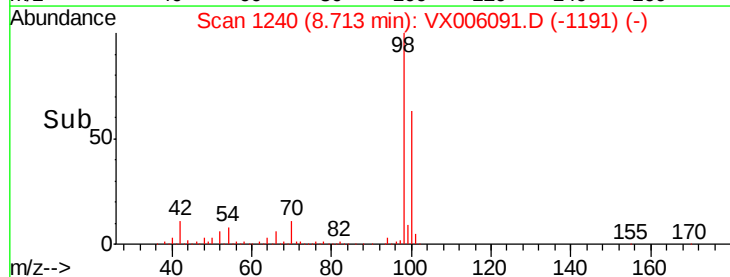
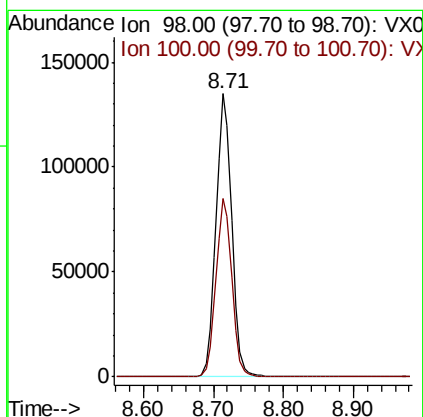
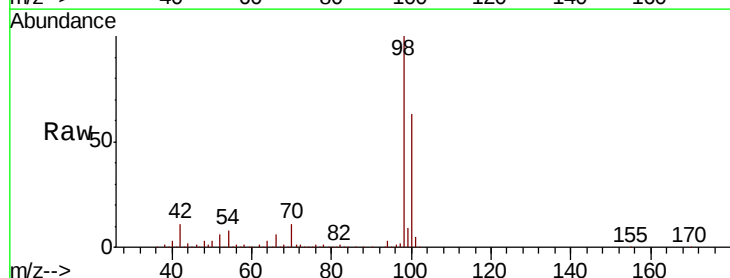
Instrument :
MSVOA_X
ClientSampleId :
SSI-04ME

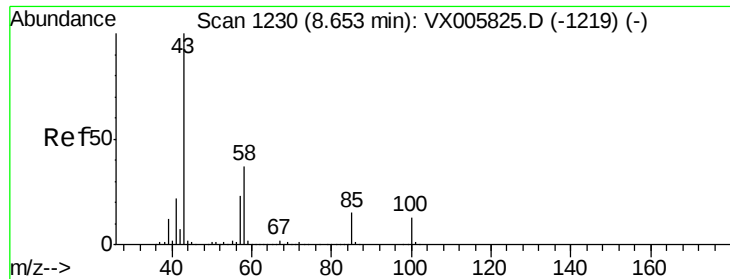
Tot Ion:117 Resp: 12227
Ion Ratio Lower Upper
117 100
119 5.9 78.1 117.1#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 46.701 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006091.D
Acq: 19 Nov 2018 15:14

Tgt Ion: 98 Resp: 211446
Ion Ratio Lower Upper
98 100
100 63.5 51.3 76.9





#51

4-Methyl-2-Pentanone

Concen: 0.477 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.06 min

Lab File: VX006091.D

Acq: 19 Nov 2018 15:14

Instrument :

MSVOA_X

ClientSampleId :

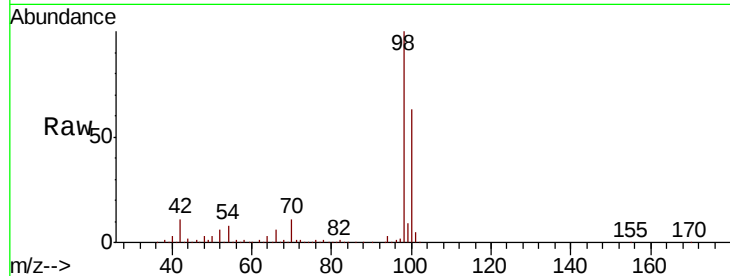
SSI-04ME

Tot Ion: 43 Resp: 1106

Ion Ratio Lower Upper

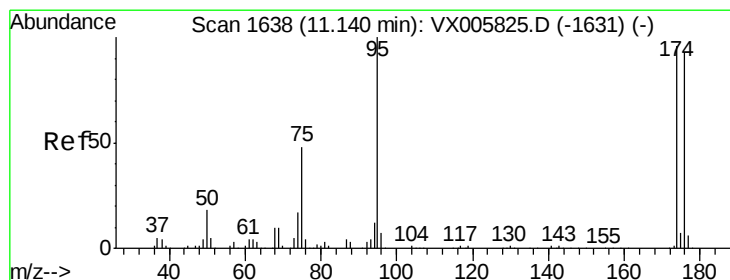
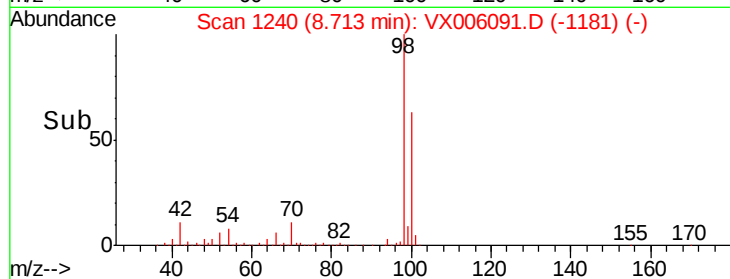
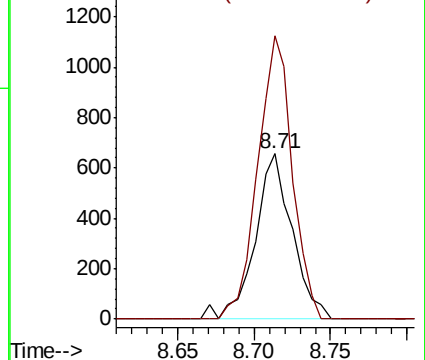
43 100

58 159.8 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#62

4-Bromofluorobenzene

Concen: 48.202 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006091.D

Acq: 19 Nov 2018 15:14

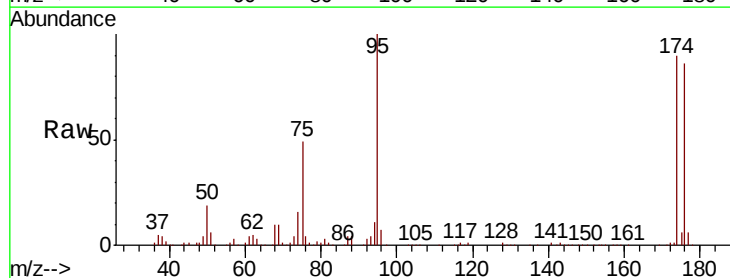
Tgt Ion: 95 Resp: 78466

Ion Ratio Lower Upper

95 100

174 92.4 0.0 184.4

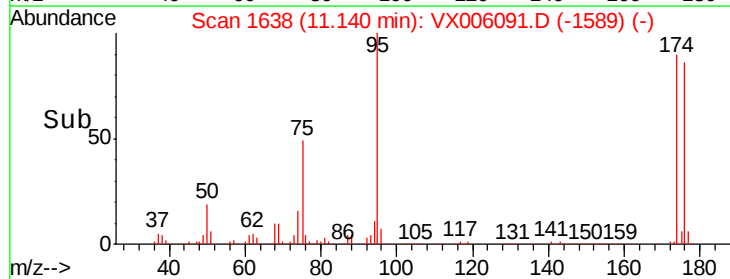
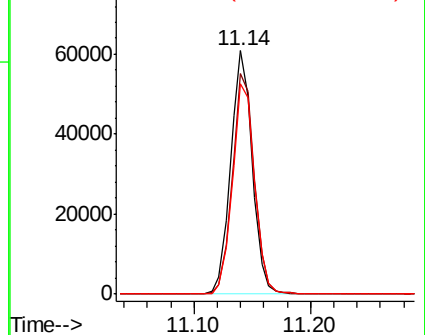
176 89.1 0.0 177.4

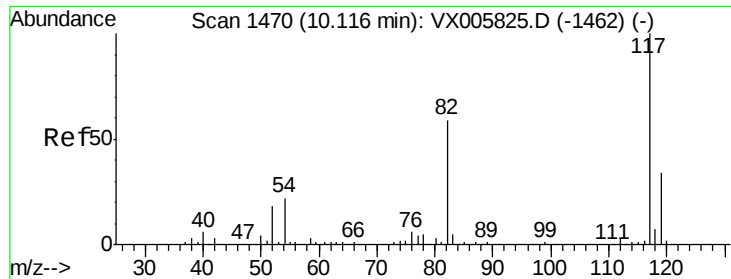


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

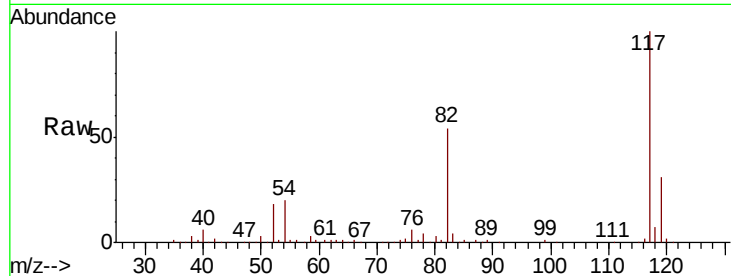




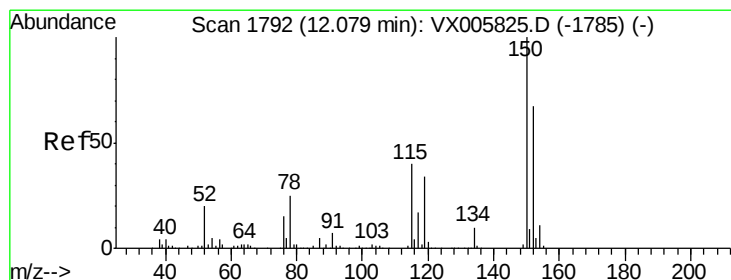
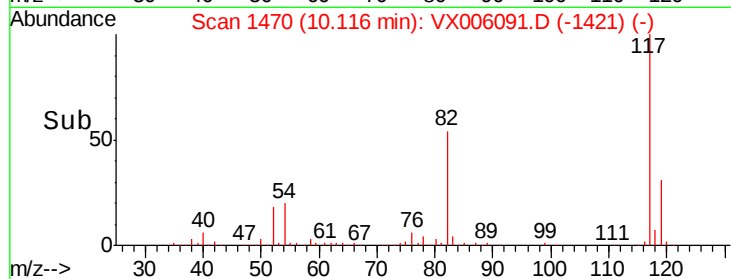
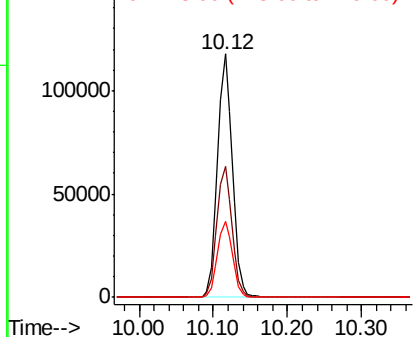
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006091.D
Acq: 19 Nov 2018 15:14

Instrument :
MSVOA_X
ClientSampleId :
SSI-04ME

Tot Ion:117 Resp: 161743
Ion Ratio Lower Upper
117 100
82 53.7 44.1 66.1
119 31.4 26.2 39.2

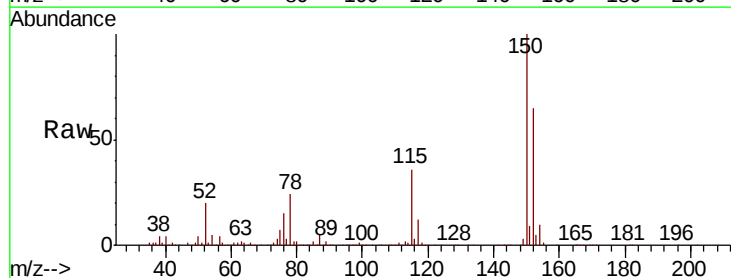


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

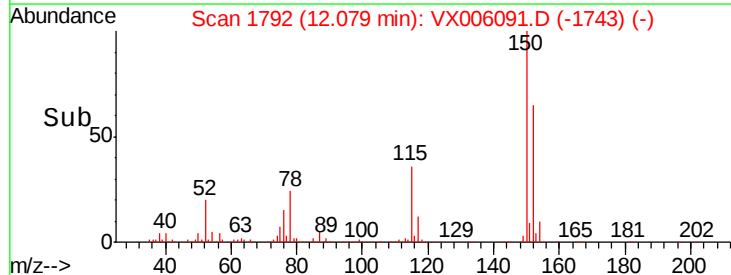
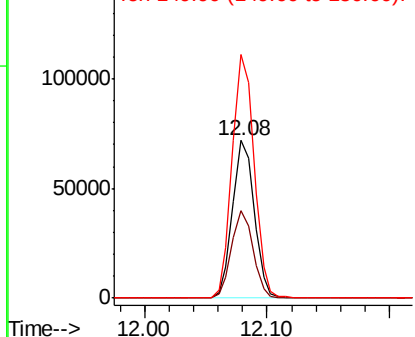


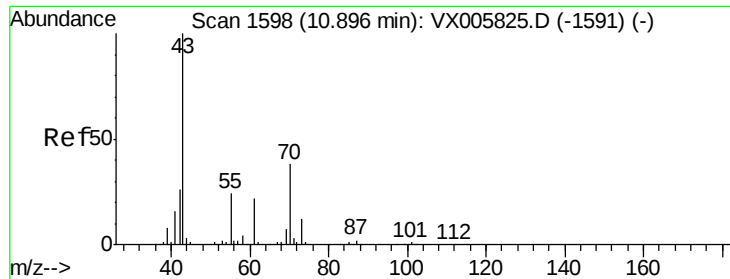
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006091.D
Acq: 19 Nov 2018 15:14

Tgt Ion:152 Resp: 87889
Ion Ratio Lower Upper
152 100
115 54.7 39.4 118.1
150 156.2 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





#74

N-amvl acetate

Concen: 1.303 ug/l

RT: 10.88 min Scan# 1595

Delta R.T. -0.02 min

Lab File: VX006091.D

Acq: 19 Nov 2018 15:14

Instrument :

MSVOA_X

ClientSampleId :

SSI-04ME

Tot Ion: 43 Resp: 154

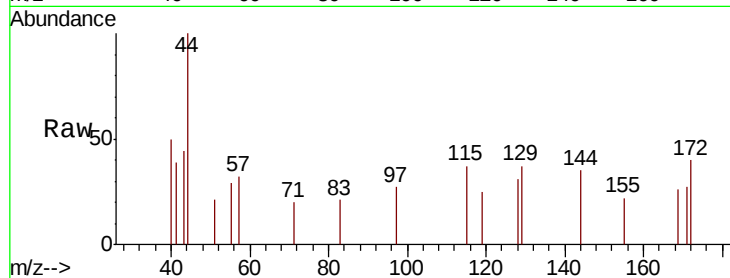
Ion Ratio Lower Upper

43 100

70 0.0 31.6 47.4#

55 101.3 19.7 29.5#

61 0.0 18.3 27.5#

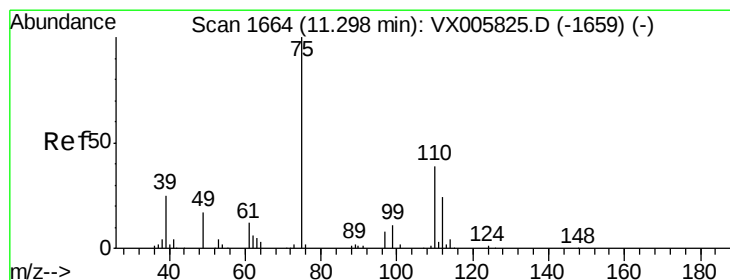
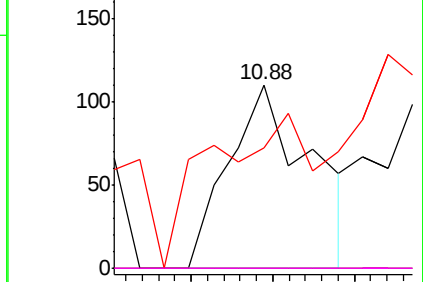
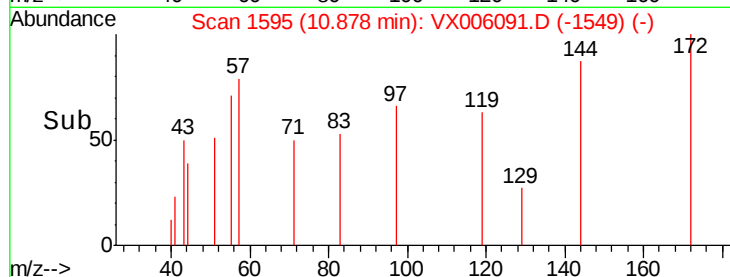


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#76

1,2,3-Trichloropropane

Concen: 21.724 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX006091.D

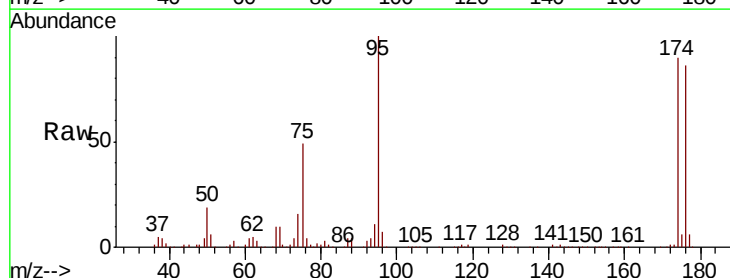
Acq: 19 Nov 2018 15:14

Tgt Ion: 75 Resp: 38877

Ion Ratio Lower Upper

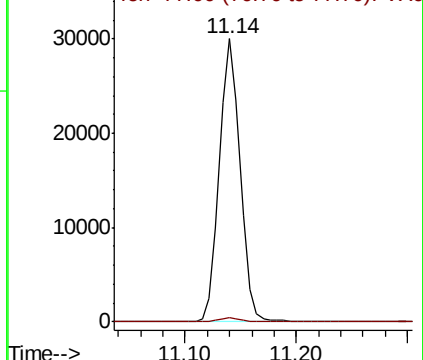
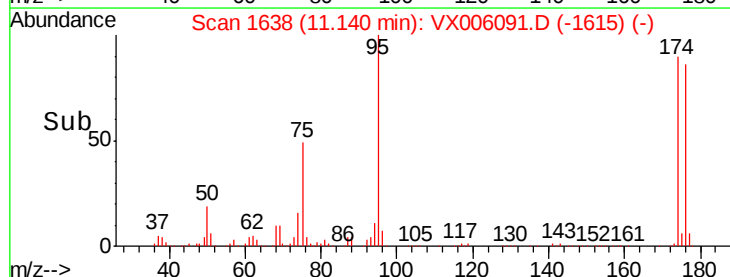
75 100

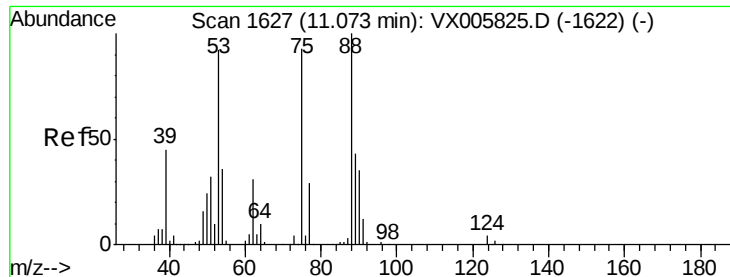
77 1.4 20.5 61.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 69.237 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX006091.D

Acq: 19 Nov 2018 15:14

Instrument :

MSVOA_X

ClientSampleId :

SSI-04ME

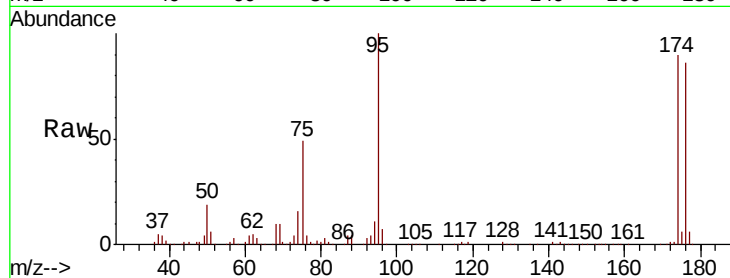
Tot Ion: 75 Resp: 38877

Ion Ratio Lower Upper

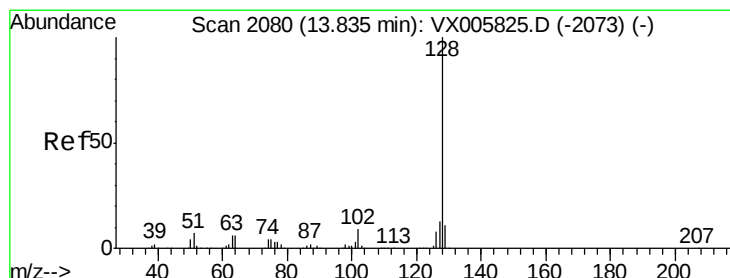
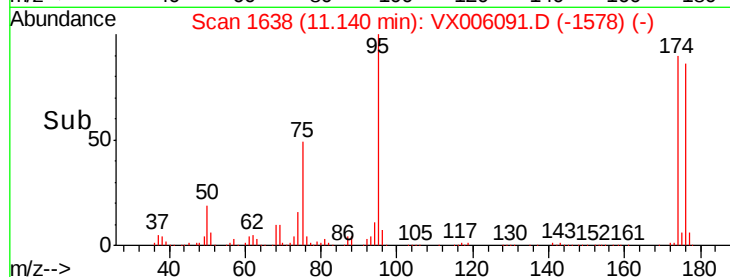
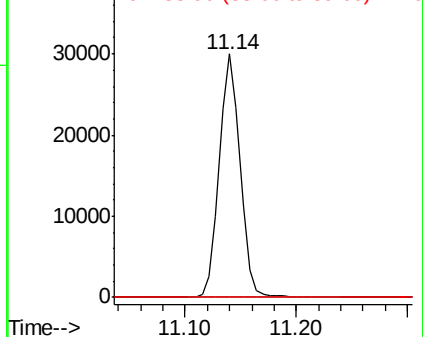
75 100

53 0.0 80.2 120.2#

89 0.0 39.8 59.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#95

Naphthalene

Concen: 1.397 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006091.D

Acq: 19 Nov 2018 15:14

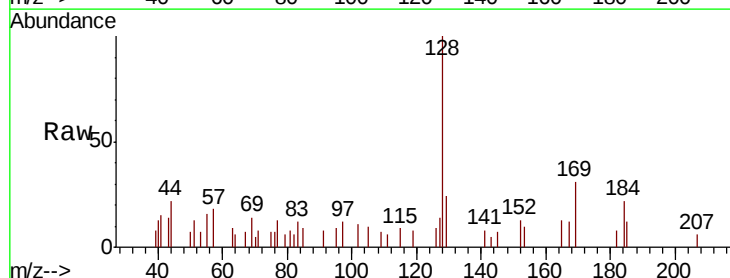
Tgt Ion: 128 Resp: 1419

Ion Ratio Lower Upper

128 100

127 18.8 10.4 15.6#

129 37.1 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

