

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005022.D
 Acq On : 04 Oct 2018 16:54
 Operator : JC/MD
 Sample : J5150-02
 Misc : 3.97µ/5mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SSSI-0926-S-10BME

Quant Time: Oct 05 03:21:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

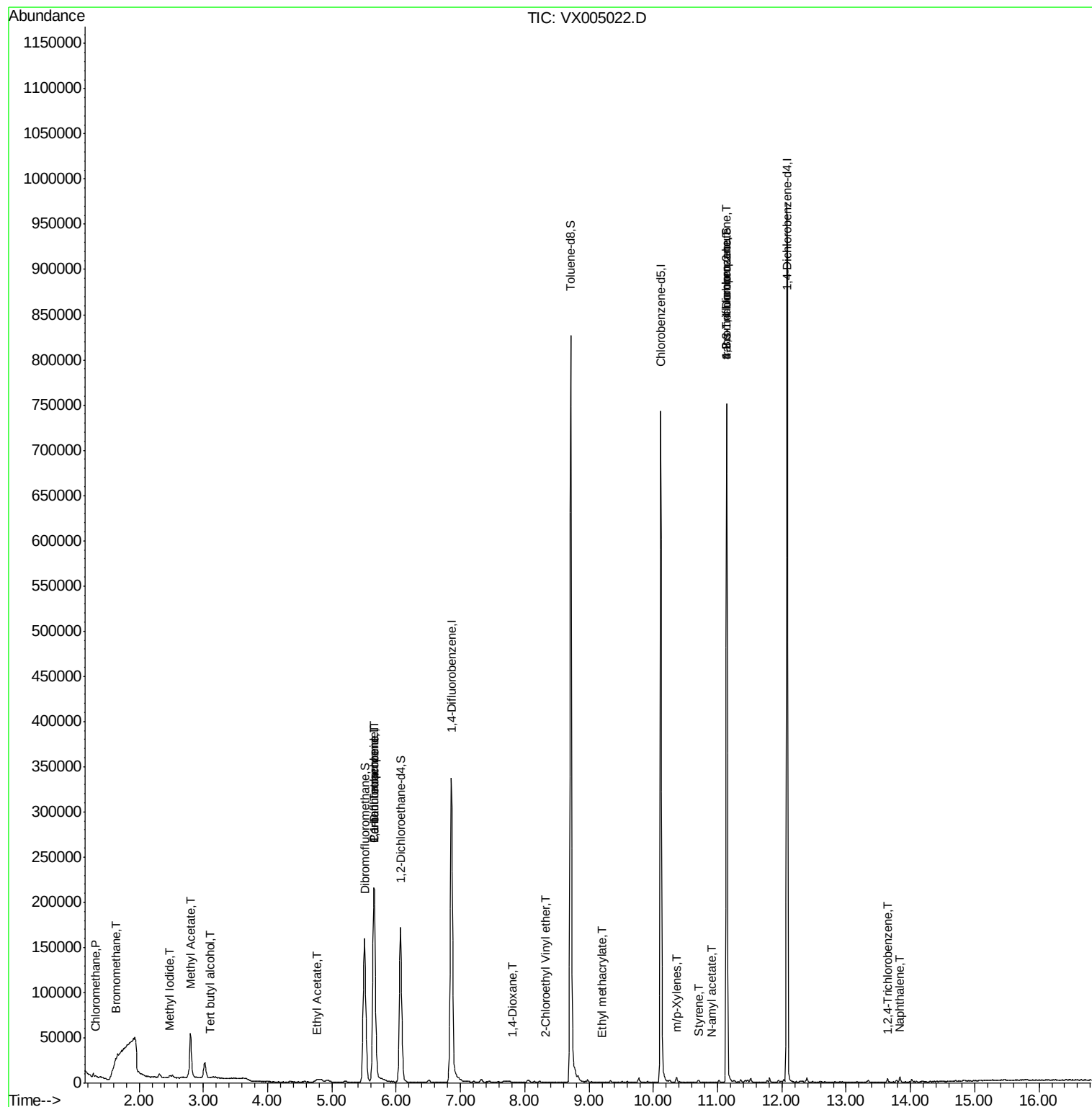
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	231043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	374752	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	365241	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	212717	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	166314	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.78%	
35) Dibromofluoromethane	5.51	113	138351	43.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.12%	
50) Toluene-d8	8.71	98	535020	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
62) 4-Bromofluorobenzene	11.14	95	197776	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.32	50	808	0.211	ug/l #	82
5) Bromomethane	1.64	94	2162	1.017	ug/l #	76
6) Chloroethane	1.70	64	97	Below Cal	#	1
10) Methyl Iodide	2.47	142	1366	0.404	ug/l #	82
11) Tert butyl alcohol	3.11	59	376	0.407	ug/l #	48
18) Methyl Acetate	2.80	43	19402	3.974	ug/l #	71
20) Methylene Chloride	2.84	84	1205	Below Cal	#	80
36) 1,1-Dichloropropene	5.65	75	15697	3.622	ug/l #	46
37) Ethyl Acetate	4.76	43	4582	0.797	ug/l #	70
38) Carbon Tetrachloride	5.65	117	20452	4.490	ug/l #	18
49) 1,4-Dioxane	7.81	88	29	0.310	ug/l #	23
56) Ethyl methacrylate	9.20	69	87	2.878	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.32	63	287	14.338	ug/l #	49
68) m/p-Xylenes	10.36	106	1331	0.229	ug/l	100
70) Styrene	10.71	104	391	2.178	ug/l #	75
74) N-amyl acetate	10.91	43	395	1.800	ug/l #	68
76) 1,2,3-Trichloropropane	11.14	75	96460	20.232	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	1188	Below Cal		91
81) trans-1,4-Dichloro-2-buten	11.14	75	96460	54.974	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	2183	Below Cal		97
93) 1,2,4-Trichlorobenzene	13.65	180	1120	0.210	ug/l	98
95) Naphthalene	13.83	128	3864	0.935	ug/l	98

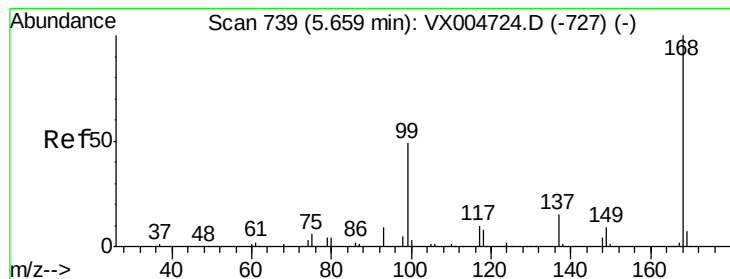
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SSSI-0926-S-10BME

Quant Time: Oct 05 03:21:54 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX005022.D

Acq: 04 Oct 2018 16:54

Instrument :

MSVOA_X

ClientSampleId :

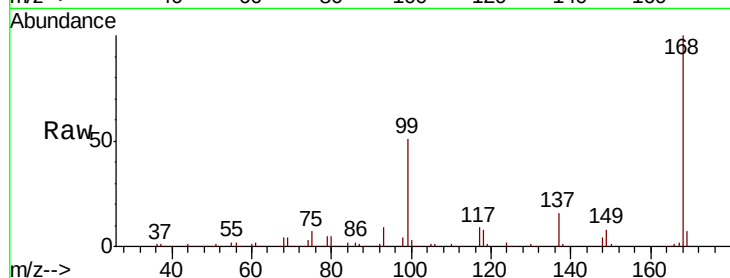
SSSI-0926-S-10BME

Tot Ion:168 Resp: 231043

Ion Ratio Lower Upper

168 100

99 51.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

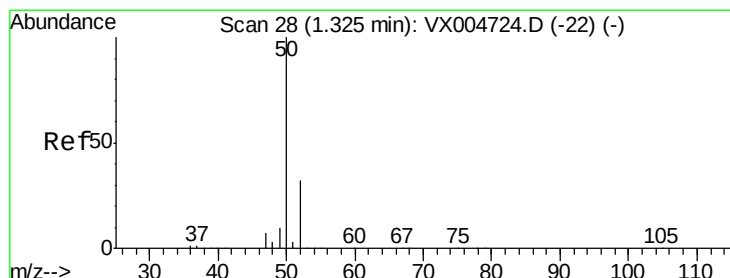
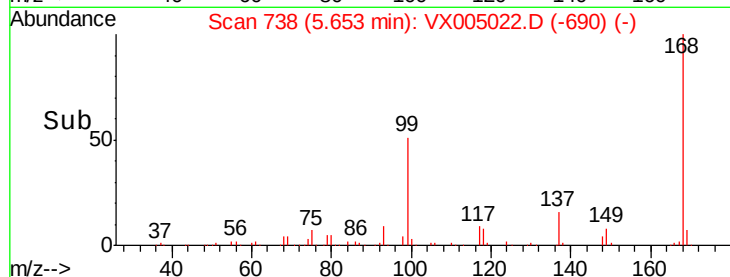
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.211 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005022.D

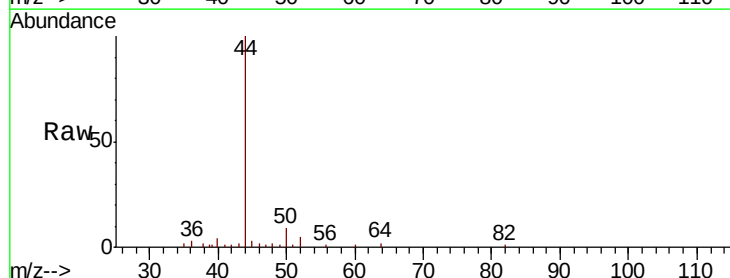
Acq: 04 Oct 2018 16:54

Tgt Ion: 50 Resp: 808

Ion Ratio Lower Upper

50 100

52 42.1 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

500

400

300

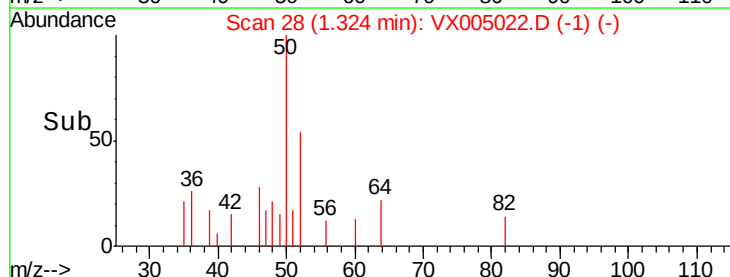
200

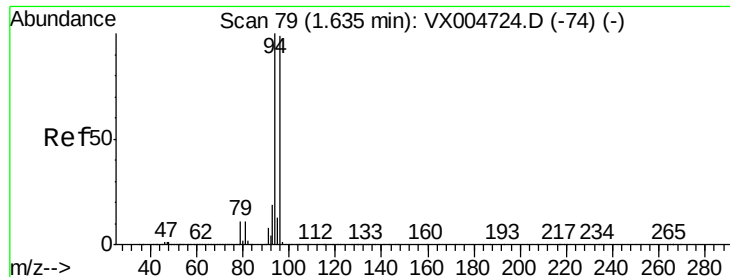
100

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: 1.017 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005022.D

Acq: 04 Oct 2018 16:54

Instrument :

MSVOA_X

ClientSampleId :

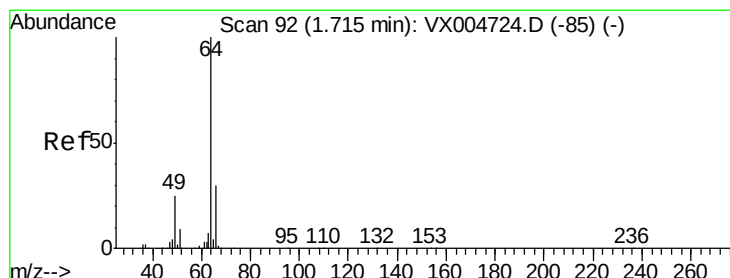
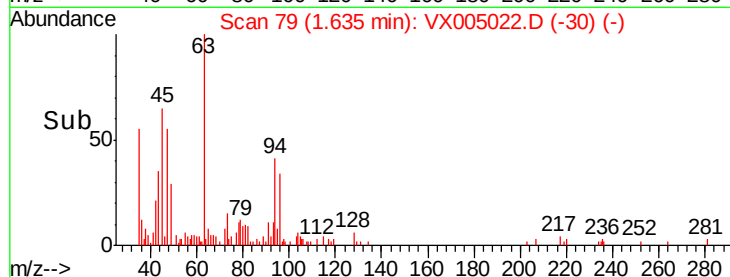
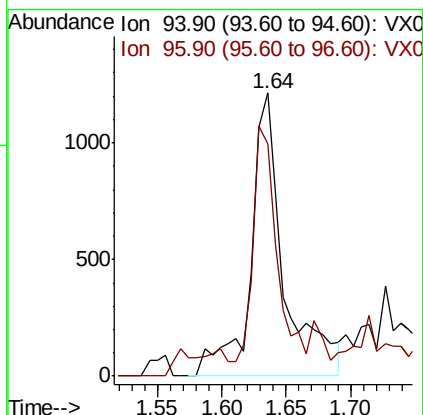
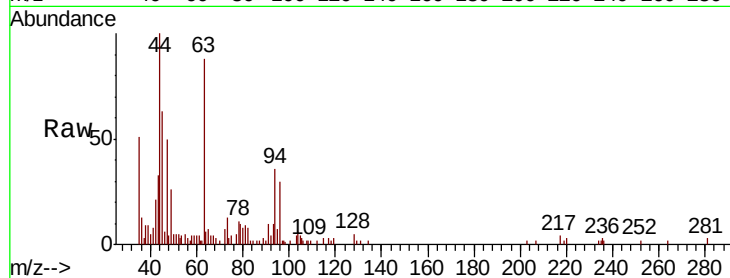
SSSI-0926-S-10BME

Tot Ion: 94 Resp: 2162

Ion Ratio Lower Upper

94 100

96 75.8 79.5 119.3#



#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX005022.D

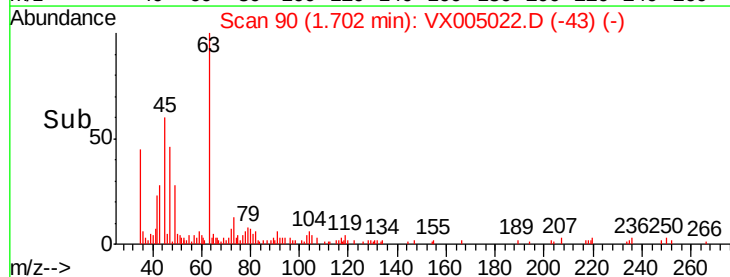
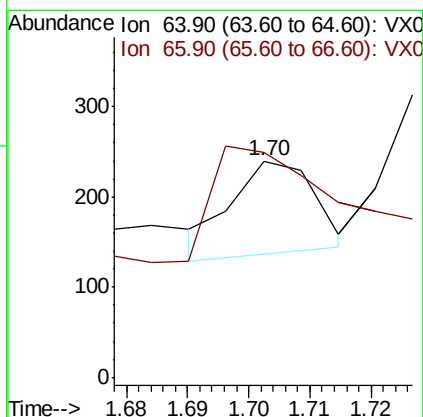
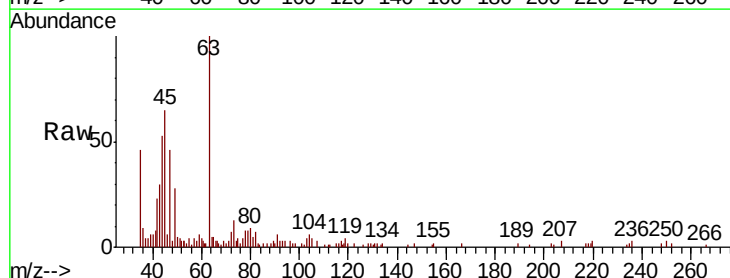
Acq: 04 Oct 2018 16:54

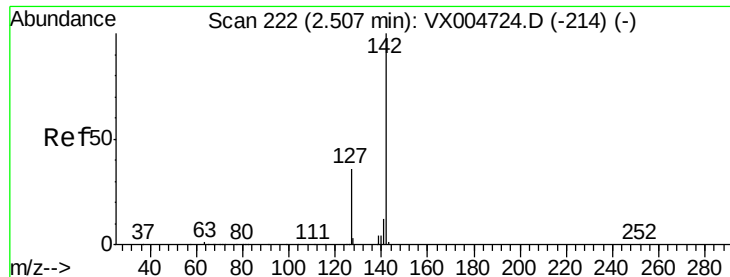
Tgt Ion: 64 Resp: 97

Ion Ratio Lower Upper

64 100

66 147.6 23.8 35.6#

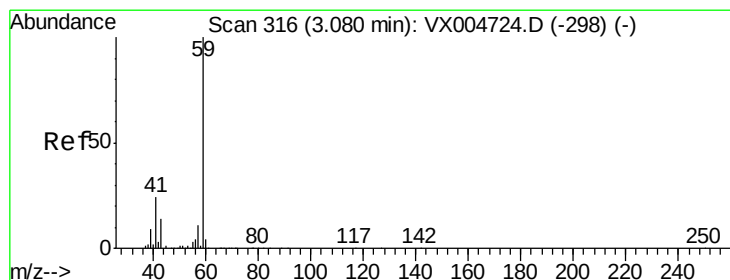
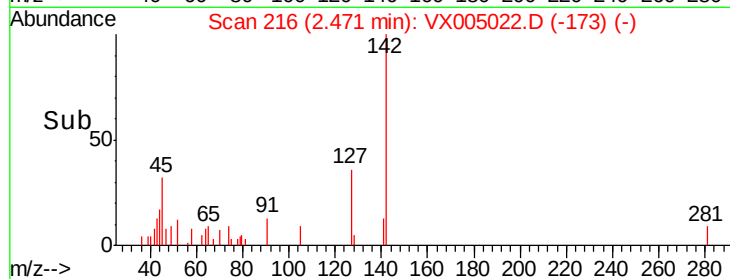
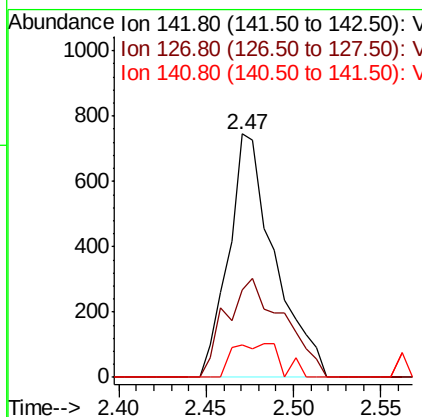
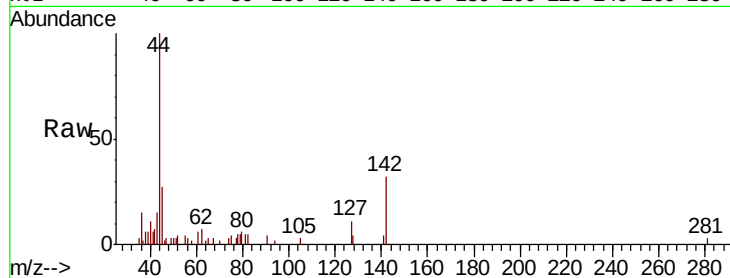




#10
Methvl Iodide
Concen: 0.404 ug/l
RT: 2.47 min Scan# 216
Delta R.T. -0.04 min
Lab File: VX005022.D
Acq: 04 Oct 2018 16:54

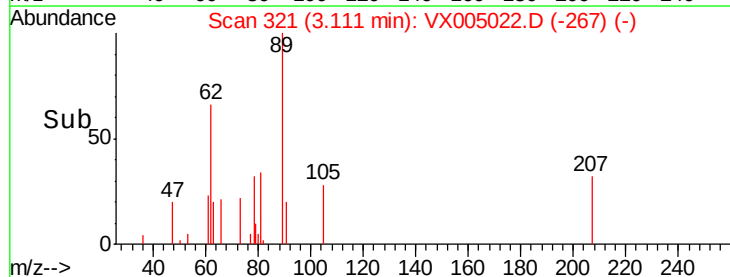
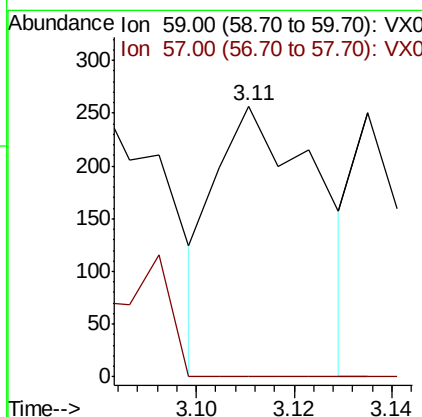
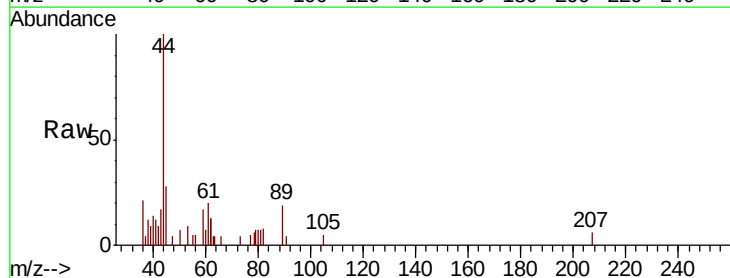
Instrument :
MSVOA_X
ClientSampleId :
SSSI-0926-S-10BME

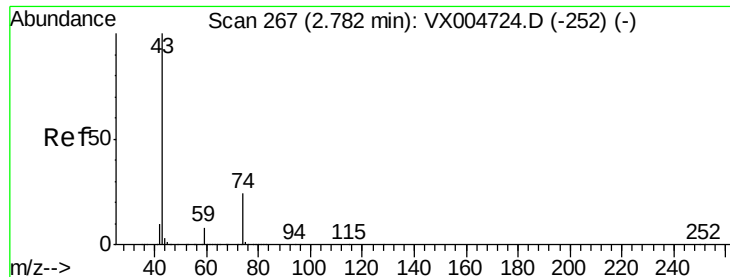
Tot Ion	Ratio	Lower	Upper
142	100		
127	51.0	30.1	45.1#
141	14.6	10.1	15.1



#11
Tert butyl alcohol
Concen: 0.407 ug/l
RT: 3.11 min Scan# 321
Delta R.T. 0.03 min
Lab File: VX005022.D
Acq: 04 Oct 2018 16:54

Tgt Ion	Ratio	Lower	Upper
59	100		
57	30.3	8.6	12.8#

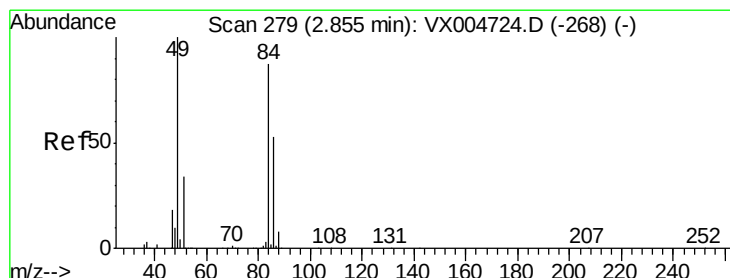
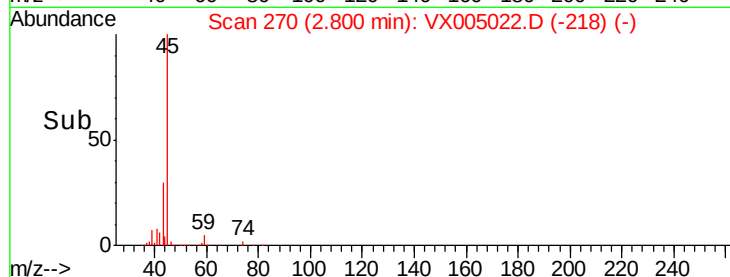
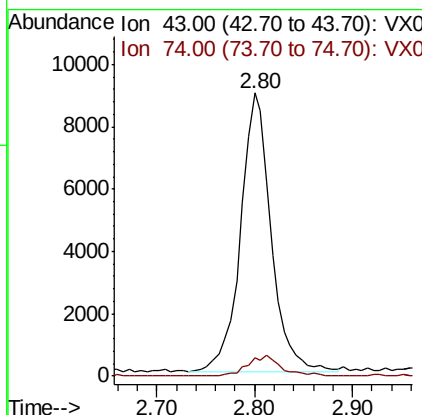
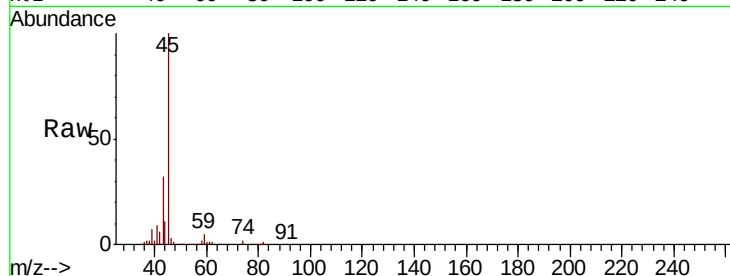




#18
Methyl Acetate
Concen: 3.974 ug/l
RT: 2.80 min Scan# 270
Delta R.T. 0.02 min
Lab File: VX005022.D
Acq: 04 Oct 2018 16:54

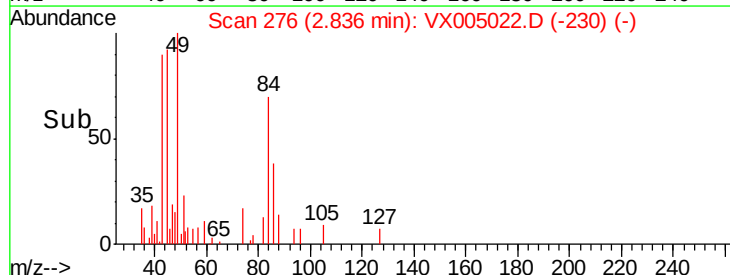
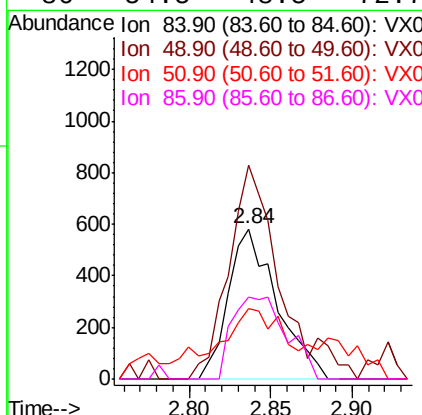
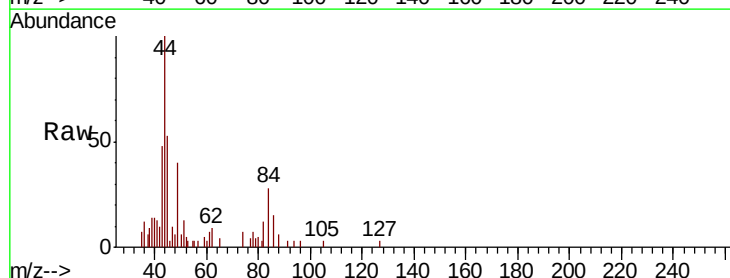
Instrument :
MSVOA_X
ClientSampleId :
SSSI-0926-S-10BME

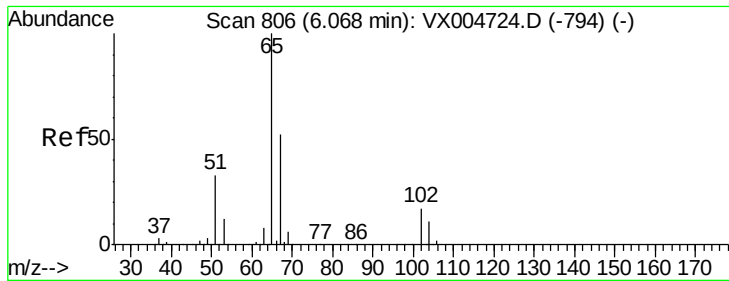
Tot Ion: 43 Resp: 19402
Ion Ratio Lower Upper
43 100
74 8.3 17.8 26.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 276
Delta R.T. -0.02 min
Lab File: VX005022.D
Acq: 04 Oct 2018 16:54

Tgt Ion: 84 Resp: 1205
Ion Ratio Lower Upper
84 100
49 142.3 92.3 138.5#
51 25.4 31.8 47.6#
86 54.5 48.5 72.7

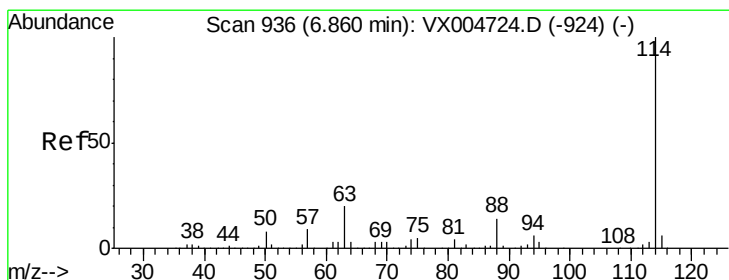
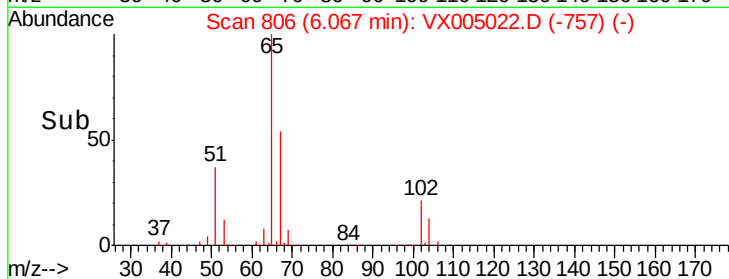
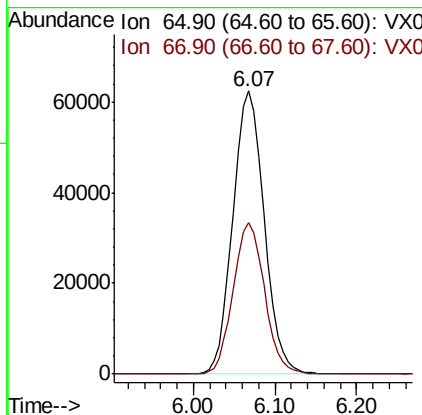
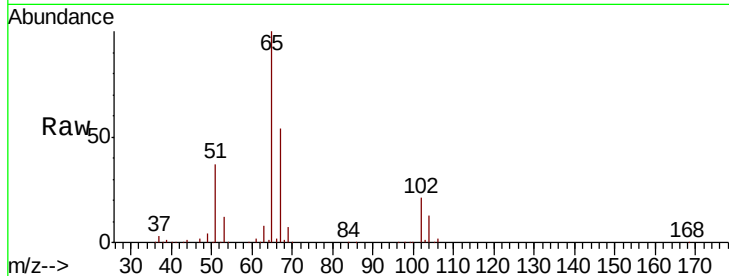




#33
 1,2-Dichloroethane-d4
 Concen: 50.391 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005022.D
 Acq: 04 Oct 2018 16:54

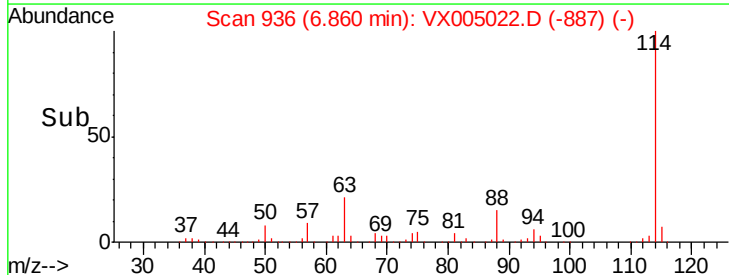
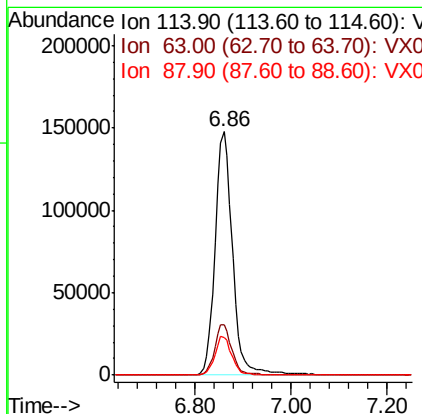
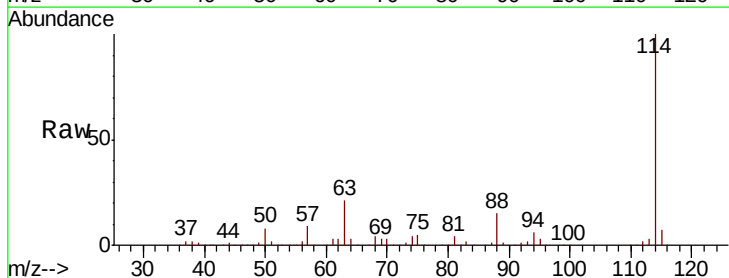
Instrument :
 MSVOA_X
 ClientSampleId :
 SSSI-0926-S-10BME

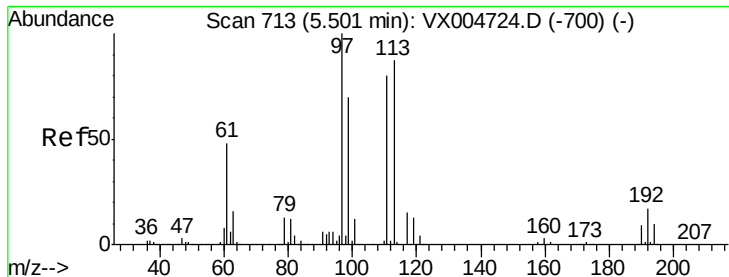
Tot Ion: 65 Resp: 166314
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005022.D
 Acq: 04 Oct 2018 16:54

Tgt Ion: 114 Resp: 374752
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.8
 88 15.2 0.0 27.0





#35

Dibromofluoromethane

Concen: 43.560 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005022.D

Acq: 04 Oct 2018 16:54

Instrument :

MSVOA_X

ClientSampleId :

SSSI-0926-S-10BME

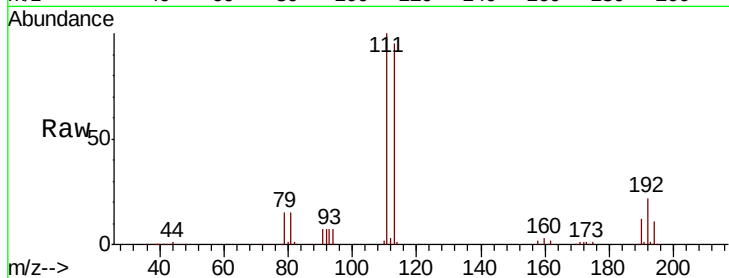
Tot Ion:113 Resp: 138351

Ion Ratio Lower Upper

113 100

111 103.0 77.0 115.4

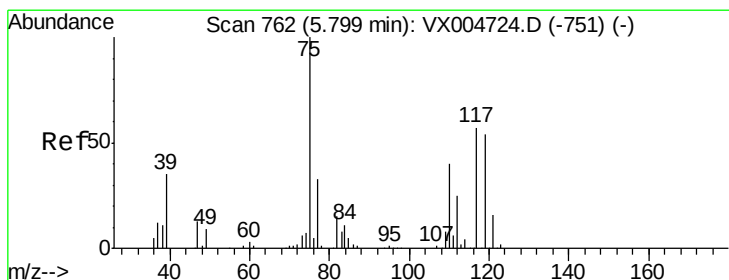
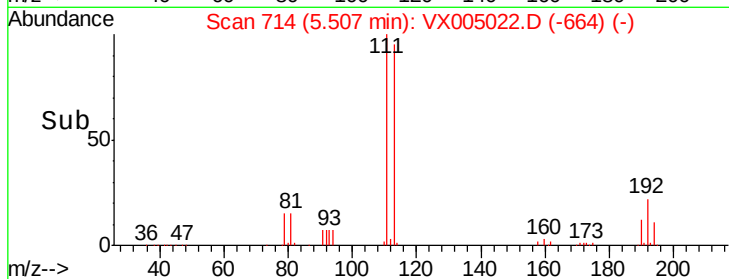
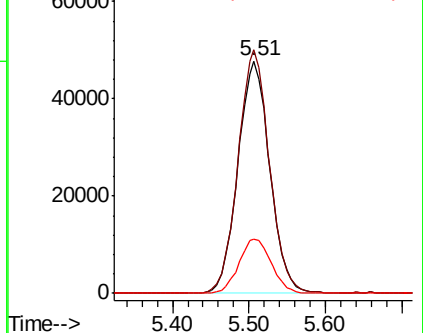
192 23.8 17.0 25.6



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: 3.622 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.15 min

Lab File: VX005022.D

Acq: 04 Oct 2018 16:54

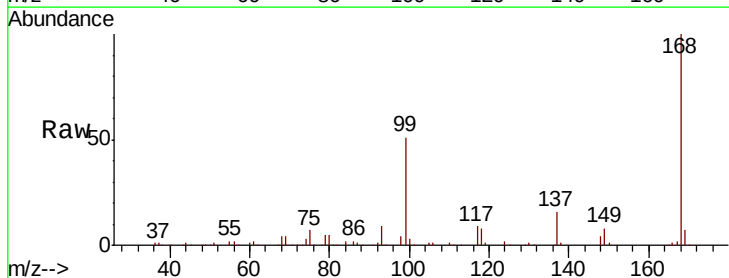
Tgt Ion: 75 Resp: 15697

Ion Ratio Lower Upper

75 100

110 9.1 20.0 59.9#

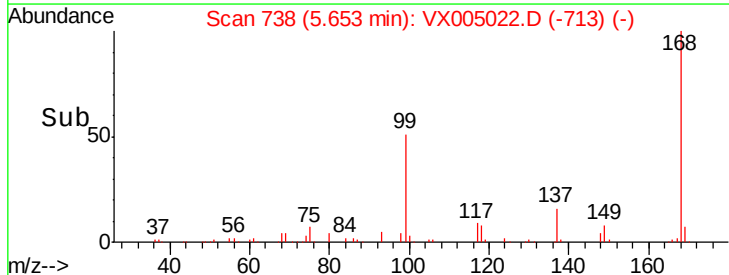
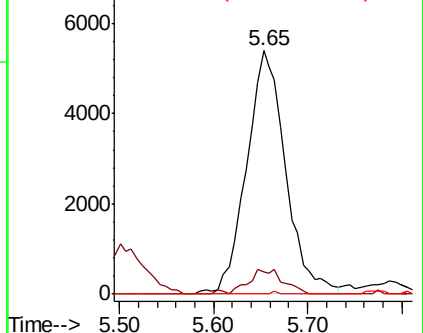
77 0.1 27.1 40.7#

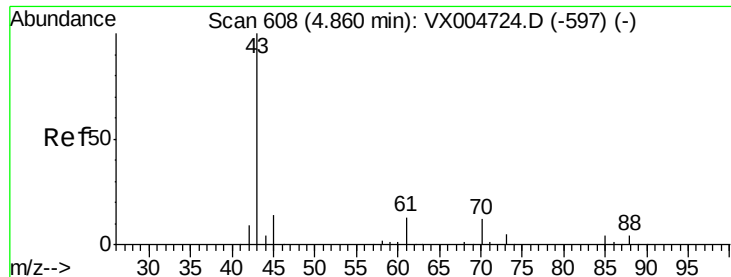


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

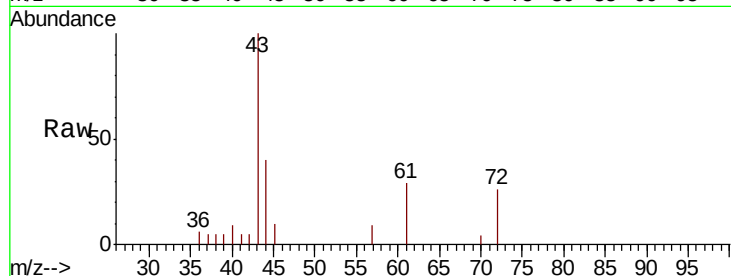




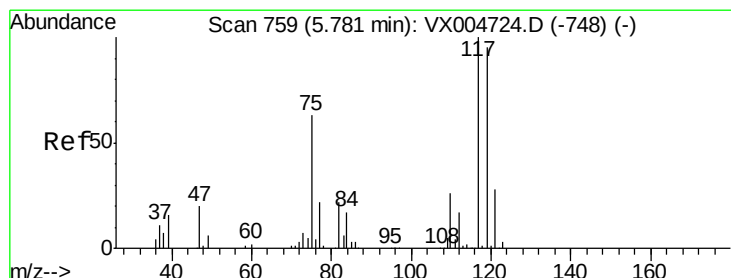
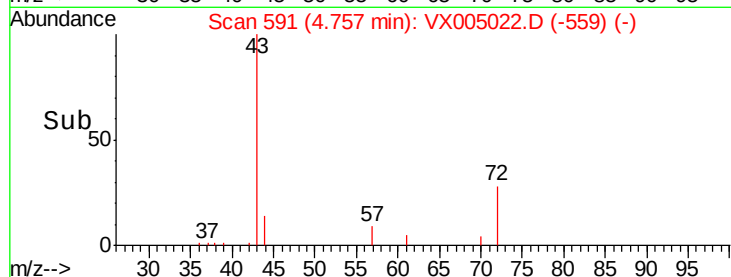
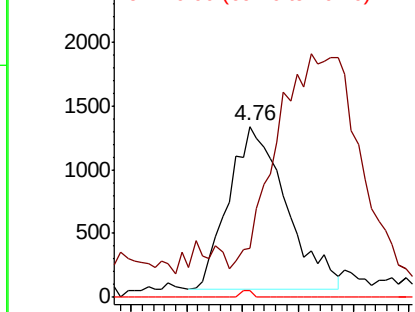
#37
Ethyl Acetate
Concen: 0.797 ug/l
RT: 4.76 min Scan# 591
Delta R.T. -0.10 min
Lab File: VX005022.D
Acq: 04 Oct 2018 16:54

Instrument :
MSVOA_X
ClientSampleId :
SSSI-0926-S-10BME

Tot Ion: 43 Resp: 4582
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6#
70 0.8 8.7 13.1#

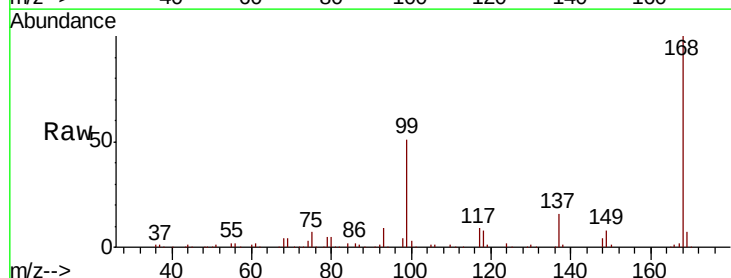


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

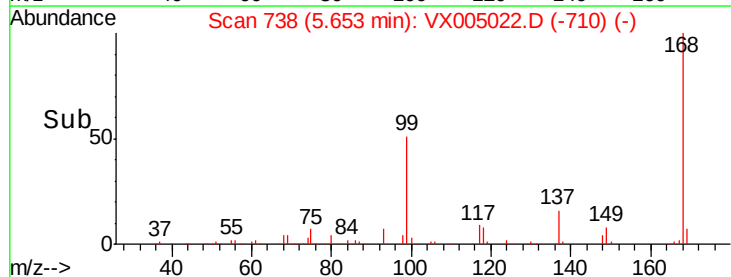
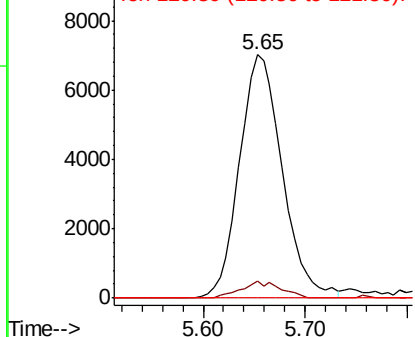


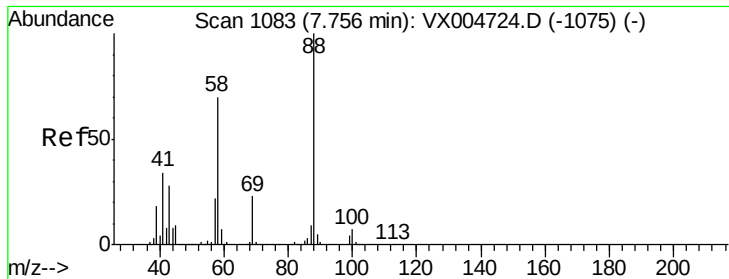
#38
Carbon Tetrachloride
Concen: 4.490 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.13 min
Lab File: VX005022.D
Acq: 04 Oct 2018 16:54

Tgt Ion: 117 Resp: 20452
Ion Ratio Lower Upper
117 100
119 6.8 75.2 112.8#
121 0.0 22.5 33.7#



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

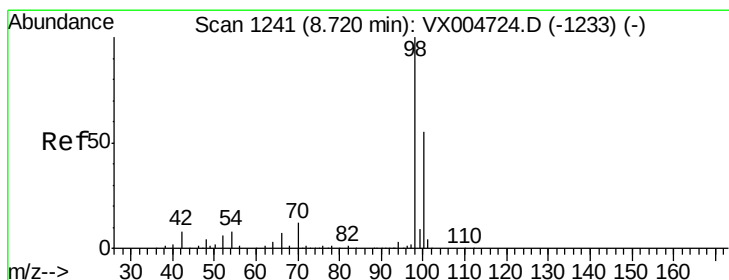
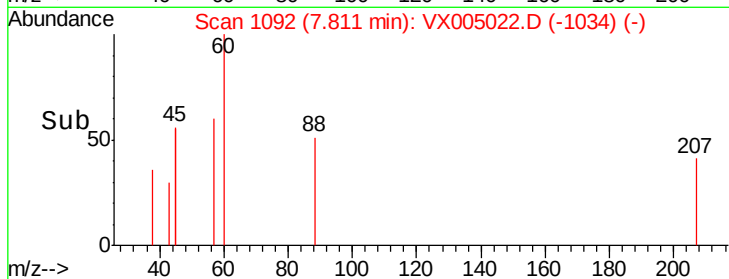
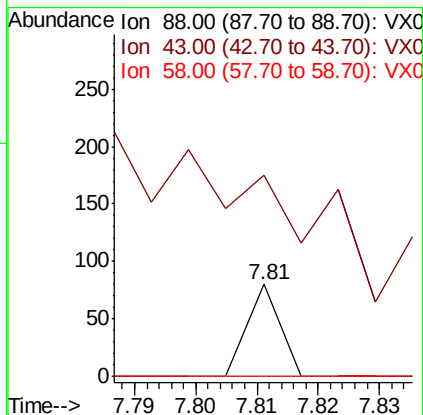
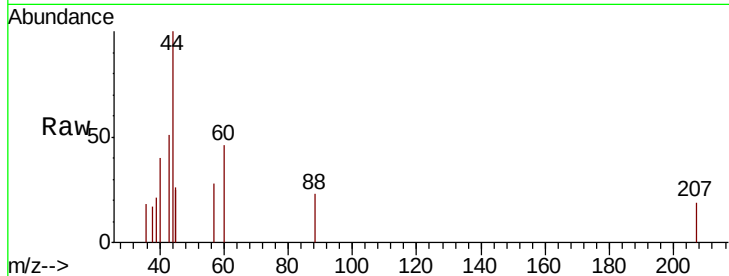




#49
1,4-Dioxane
Concen: 0.310 ug/l
RT: 7.81 min Scan# 1092
Delta R.T. 0.05 min
Lab File: VX005022.D
Acq: 04 Oct 2018 16:54

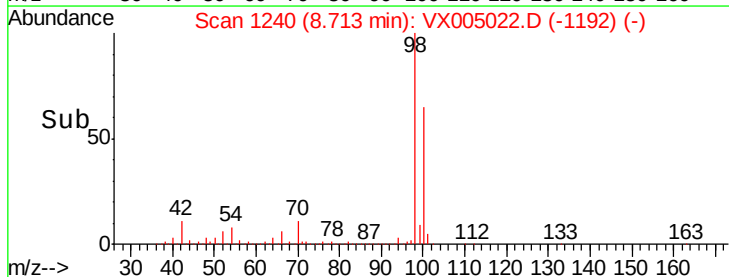
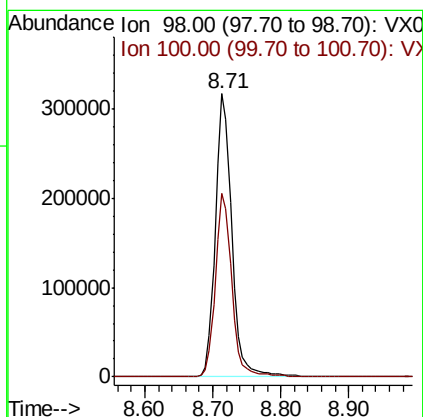
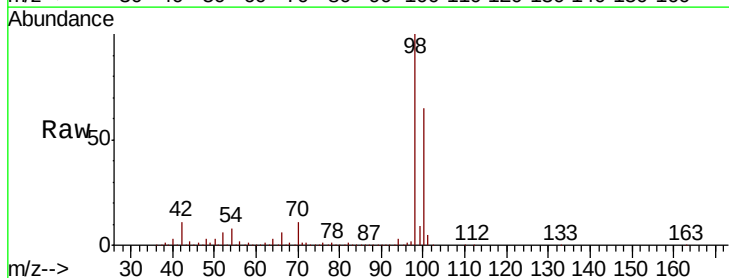
Instrument :
MSVOA_X
ClientSampleId :
SSSI-0926-S-10BME

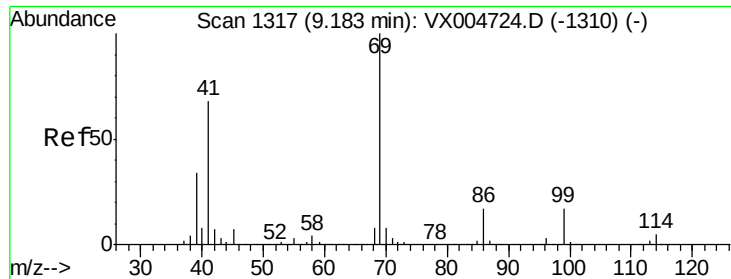
Tot Ion: 88 Resp: 29
Ion Ratio Lower Upper
88 100
43 0.0 25.1 37.7#
58 0.0 56.2 84.2#



#50
Toluene-d8
Concen: 50.670 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX005022.D
Acq: 04 Oct 2018 16:54

Tgt Ion: 98 Resp: 535020
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9





#56

Ethyl methacrylate

Concen: 2.878 ug/l

RT: 9.20 min Scan# 1320

Delta R.T. 0.02 min

Lab File: VX005022.D

Acq: 04 Oct 2018 16:54

Instrument :

MSVOA_X

ClientSampleId :

SSSI-0926-S-10BME

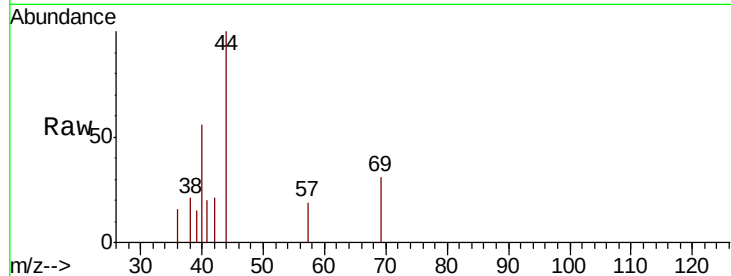
Tot Ion: 69 Resp: 87

Ion Ratio Lower Upper

69 100

41 211.5 56.9 85.3#

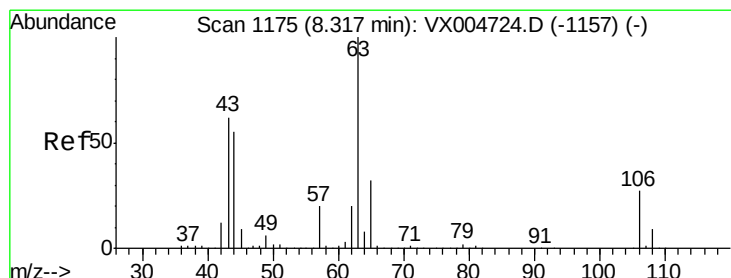
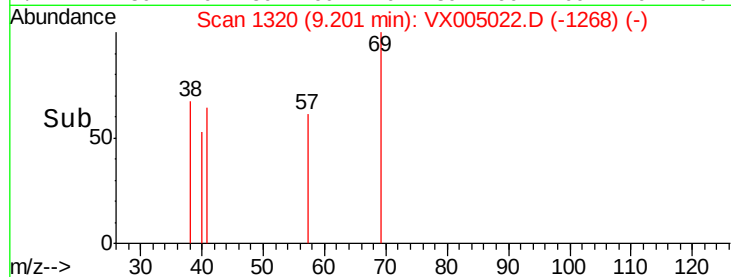
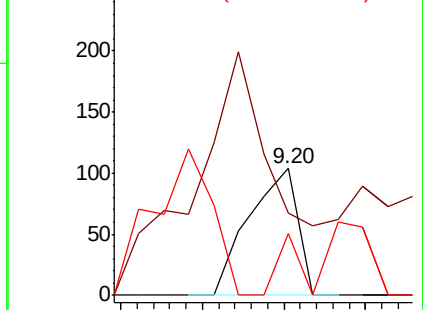
39 70.1 28.4 42.6#



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: 14.338 ug/l

RT: 8.32 min Scan# 1176

Delta R.T. 0.01 min

Lab File: VX005022.D

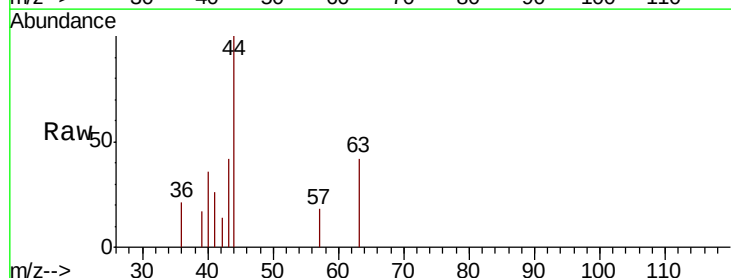
Acq: 04 Oct 2018 16:54

Tgt Ion: 63 Resp: 287

Ion Ratio Lower Upper

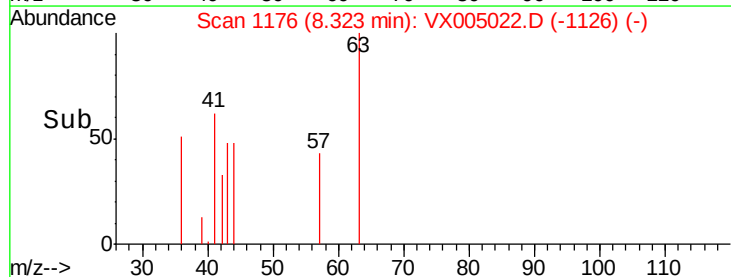
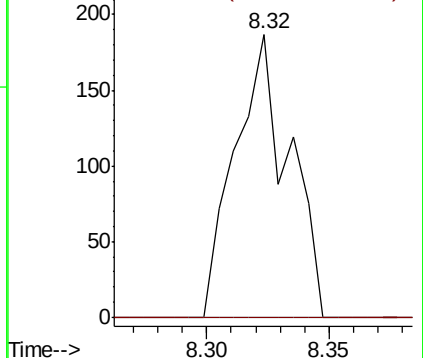
63 100

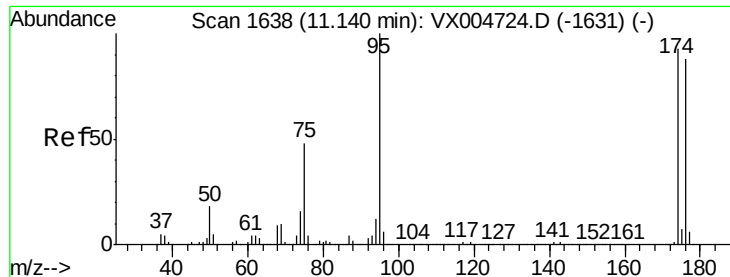
106 0.0 21.0 31.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





#62

4-Bromofluorobenzene

Concen: 51.993 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005022.D

Acq: 04 Oct 2018 16:54

Instrument :

MSVOA_X

ClientSampleId :

SSSI-0926-S-10BME

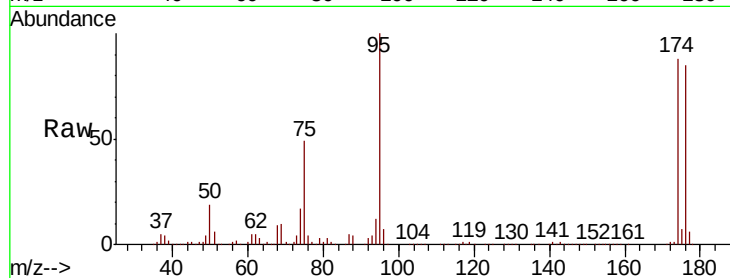
Tot Ion: 95 Resp: 197776

Ion Ratio Lower Upper

95 100

174 91.4 0.0 185.0

176 88.5 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VX005022.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX005022.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX005022.D (-1589) (-)

11.14

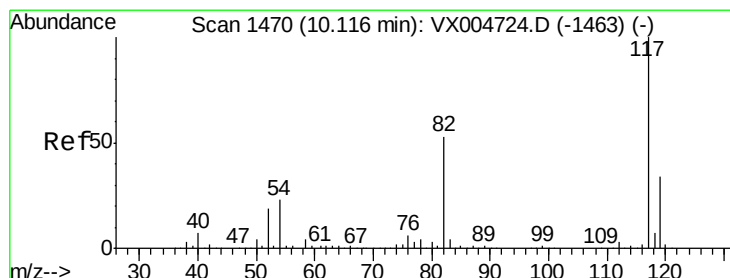
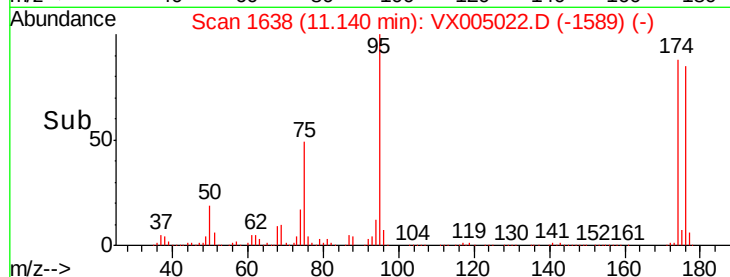
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005022.D

Acq: 04 Oct 2018 16:54

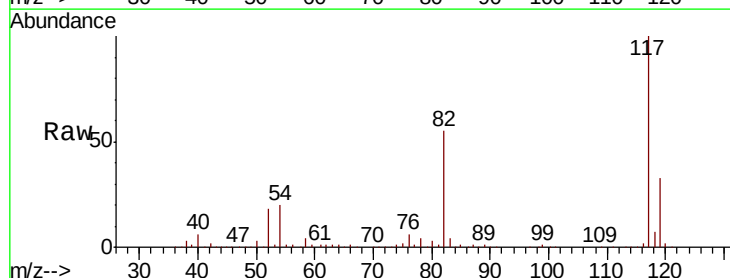
Tgt Ion: 117 Resp: 365241

Ion Ratio Lower Upper

117 100

82 54.9 42.2 63.4

119 32.5 27.4 41.0



Abundance Ion 116.90 (116.60 to 117.60): VX005022.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX005022.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX005022.D (-1421) (-)

10.12

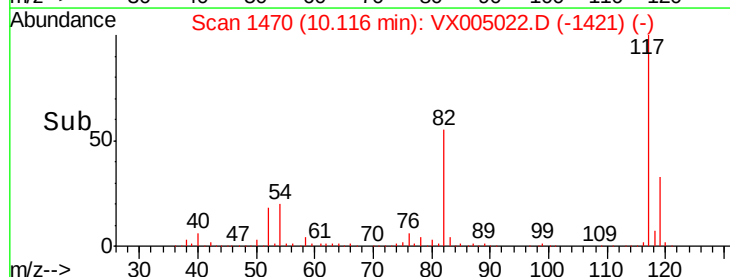
300000

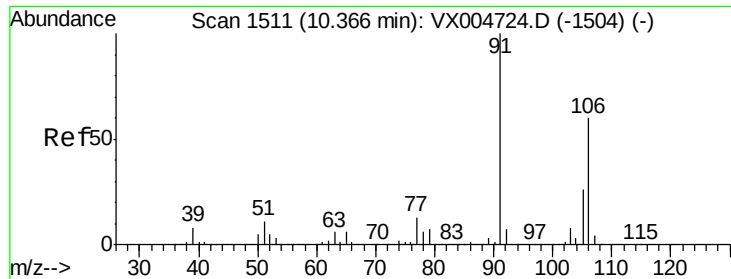
200000

100000

0

Time-->





#68

m/p-Xvlenes

Concen: 0.229 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005022.D

Acq: 04 Oct 2018 16:54

Instrument :

MSVOA_X

ClientSampleId :

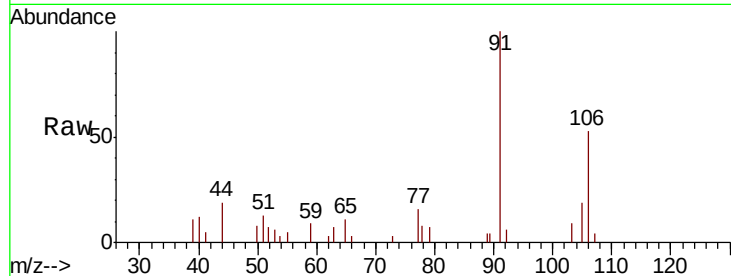
SSSI-0926-S-10BME

Tot Ion:106 Resp: 1331

Ion Ratio Lower Upper

106 100

91 196.4 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

2000

1500

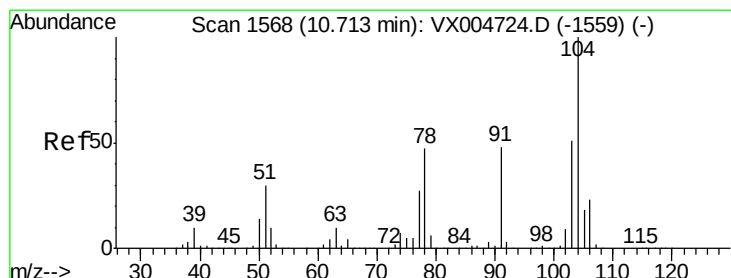
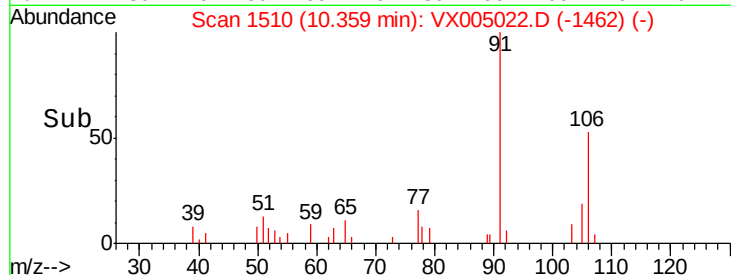
1000

500

0

10.30 10.35 10.40

Time-->



#70

Styrene

Concen: 2.178 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX005022.D

Acq: 04 Oct 2018 16:54

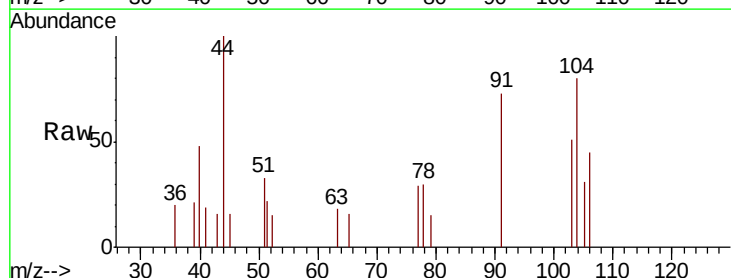
Tgt Ion:104 Resp: 391

Ion Ratio Lower Upper

104 100

78 71.4 40.0 60.0#

103 69.3 44.3 66.5#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V

400

300

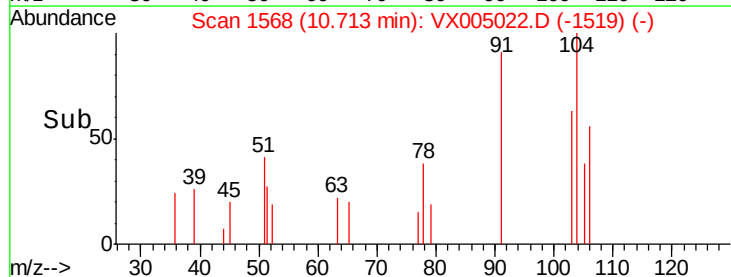
200

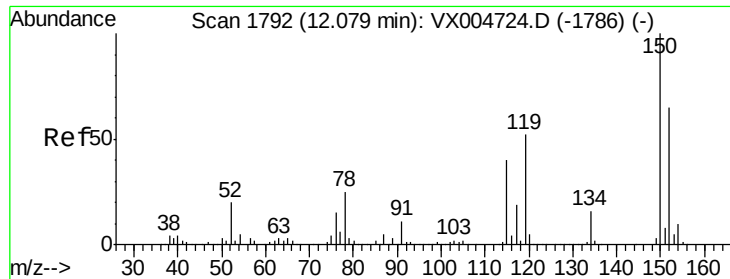
100

0

10.70 10.71 10.75

Time-->



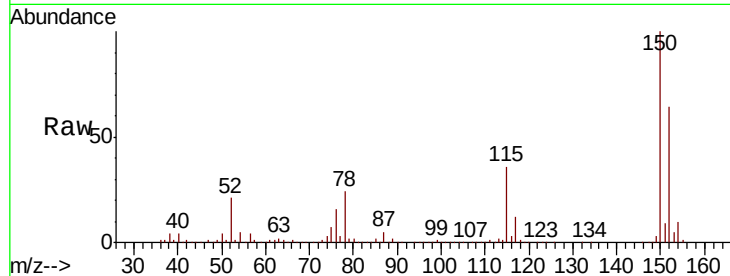


#72

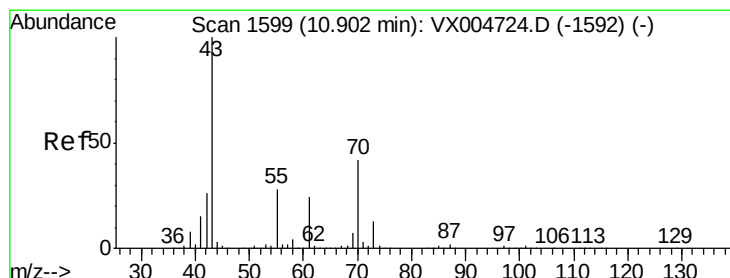
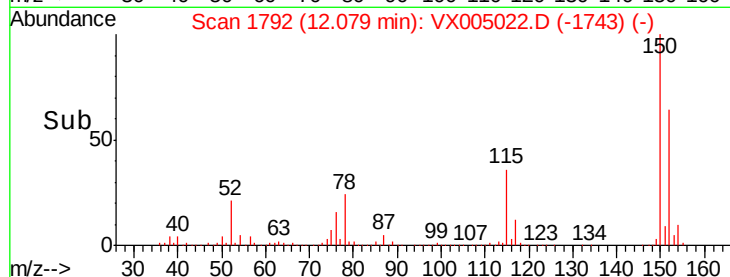
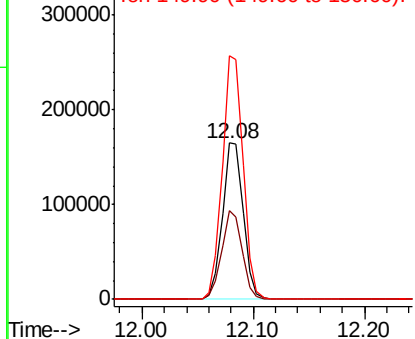
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005022.D
Acq: 04 Oct 2018 16:54

Instrument :
MSVOA_X
ClientSampleId :
SSSI-0926-S-10BME

Tot Ion:152 Resp: 212717
Ion Ratio Lower Upper
152 100
115 55.6 40.2 120.6
150 156.0 0.0 351.0



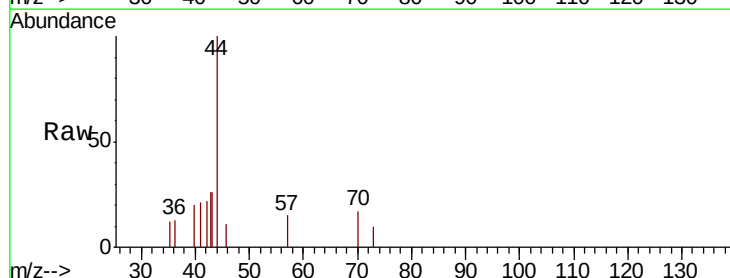
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



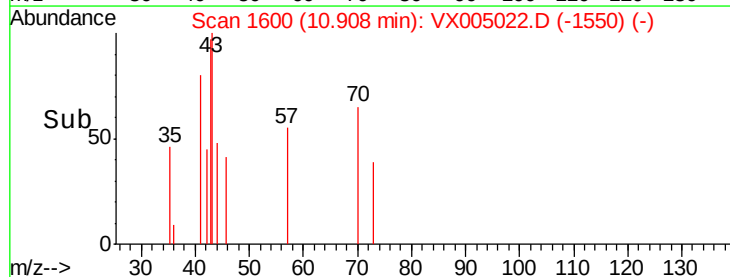
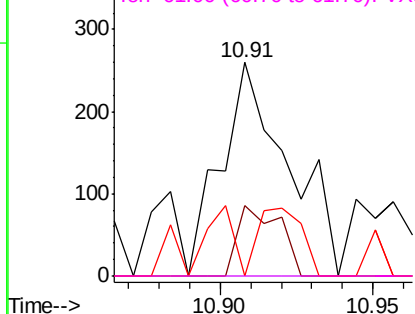
#74

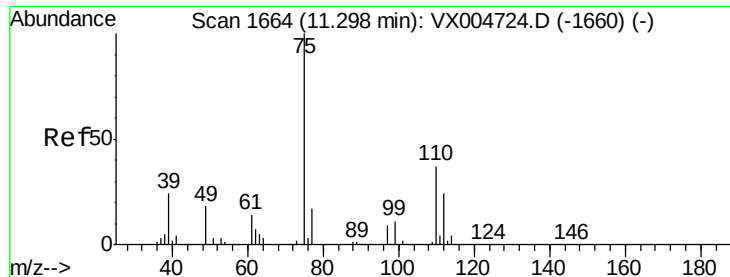
N-amyl acetate
Concen: 1.800 ug/l
RT: 10.91 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX005022.D
Acq: 04 Oct 2018 16:54

Tgt Ion: 43 Resp: 395
Ion Ratio Lower Upper
43 100
70 20.5 32.6 48.8#
55 19.0 21.6 32.4#
61 0.0 19.1 28.7#



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

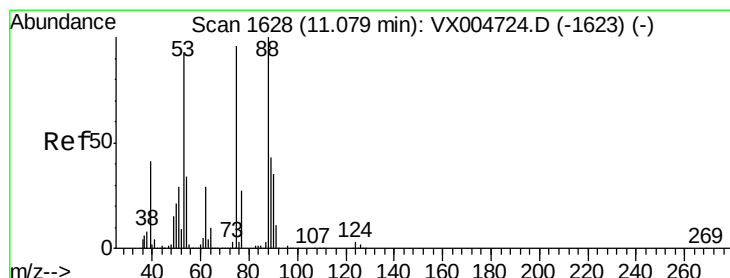
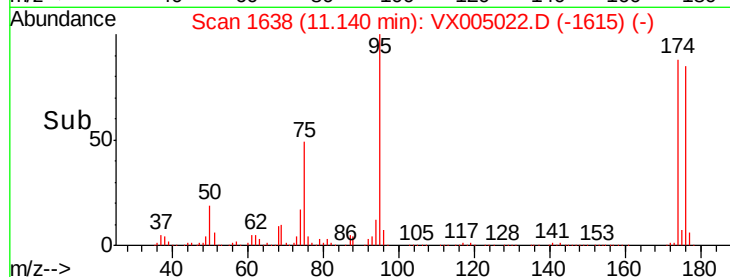
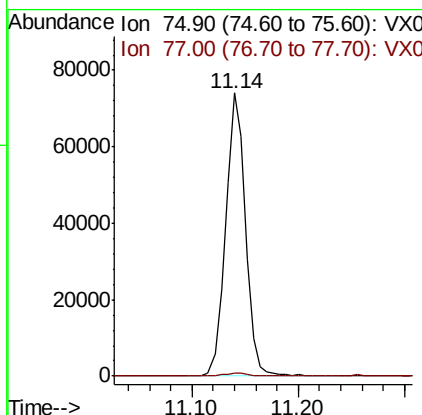
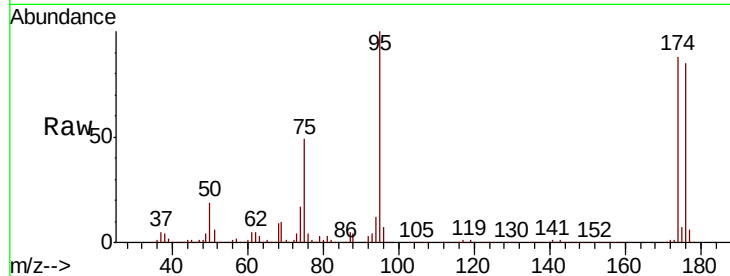




#76
 1,2,3-Trichloropropane
 Concen: 20.232 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX005022.D
 Acq: 04 Oct 2018 16:54

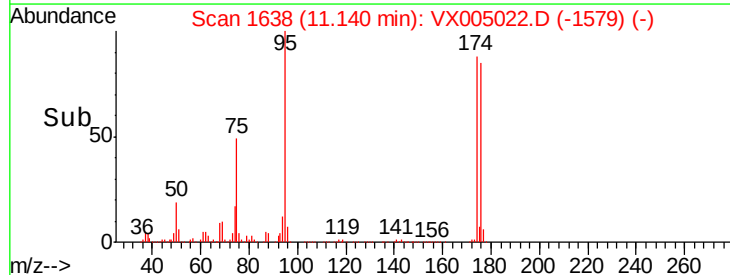
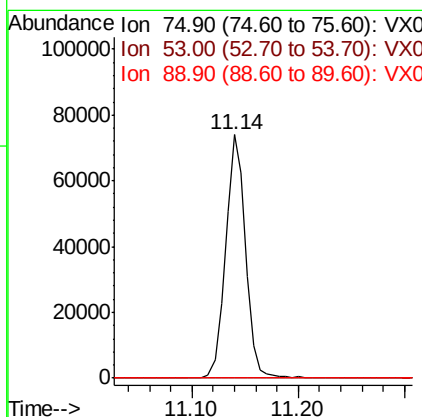
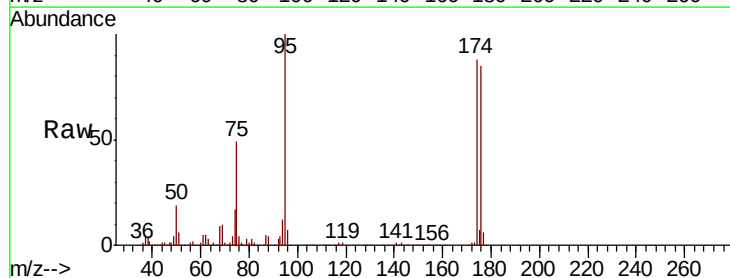
Instrument :
 MSVOA_X
 ClientSampleId :
 SSSI-0926-S-10BME

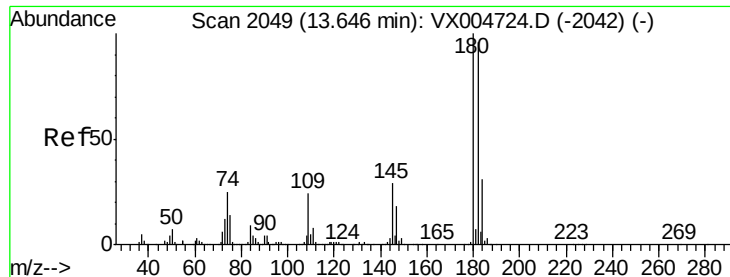
Tot Ion: 75 Resp: 96460
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.4 64.3#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.974 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.06 min
 Lab File: VX005022.D
 Acq: 04 Oct 2018 16:54

Tgt Ion: 75 Resp: 96460
 Ion Ratio Lower Upper
 75 100
 53 0.3 80.2 120.4#
 89 0.0 37.1 55.7#





#93

1,2,4-Trichlorobenzene

Concen: 0.210 ug/l

RT: 13.65 min Scan# 2050

Delta R.T. 0.01 min

Lab File: VX005022.D

Acq: 04 Oct 2018 16:54

Instrument :

MSVOA_X

ClientSampleId :

SSSI-0926-S-10BME

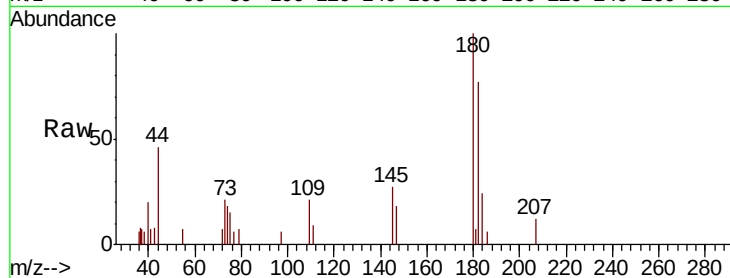
Tot Ion:180 Resp: 1120

Ion Ratio Lower Upper

180 100

182 93.3 47.8 143.4

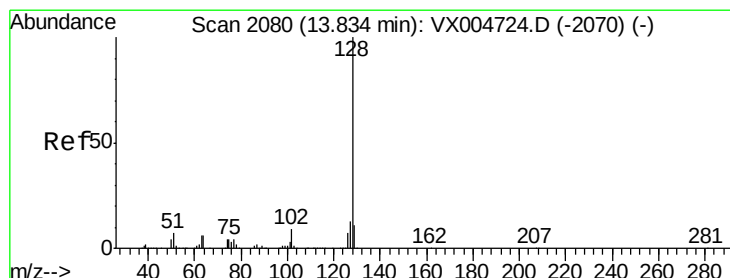
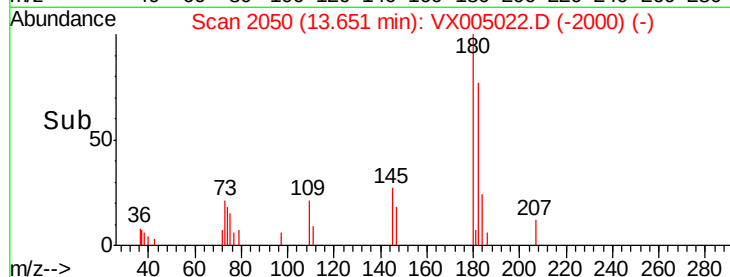
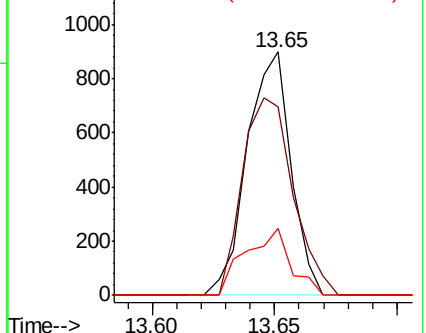
145 28.5 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#95

Naphthalene

Concen: 0.935 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005022.D

Acq: 04 Oct 2018 16:54

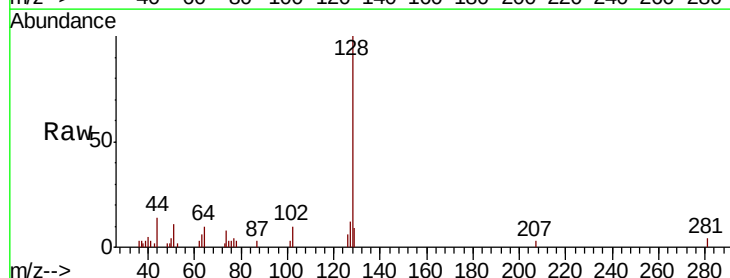
Tgt Ion:128 Resp: 3864

Ion Ratio Lower Upper

128 100

127 11.6 10.4 15.6

129 11.1 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

