

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120518\
 Data File : VX006295.D
 Acq On : 05 Dec 2018 12:51
 Operator : JC/MD
 Sample : J6210-05ME
 Misc : 6.22g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-9(4.5)ME

Quant Time: Dec 06 00:15:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	724707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1084313	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	991992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	525853	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	353186	47.74	ug/l	0.00
Spiked Amount			Recovery	=	95.48%	
35) Dibromofluoromethane	5.50	113	339834	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	
50) Toluene-d8	8.71	98	1249929	48.95	ug/l	0.00
Spiked Amount			Recovery	=	97.90%	
62) 4-Bromofluorobenzene	11.14	95	484985	50.40	ug/l	0.00
Spiked Amount			Recovery	=	100.80%	

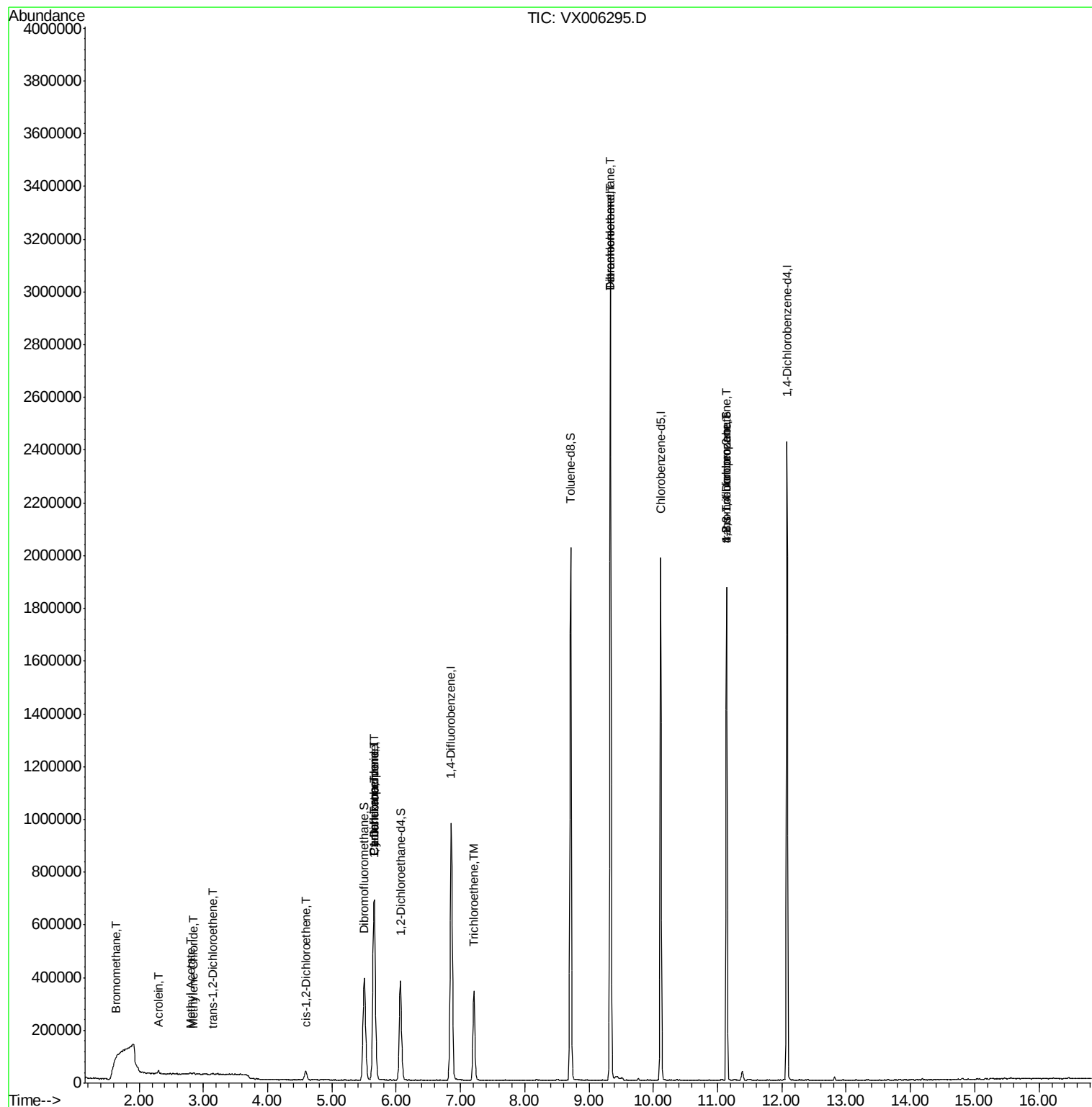
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	2460	0.452	ug/l	89
13) Acrolein	2.29	56	486	0.439	ug/l #	55
18) Methyl Acetate	2.79	43	3365	0.290	ug/l #	90
20) Methylene Chloride	2.85	84	2766	0.374	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	1778	0.254	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	23447	3.008	ug/l	87
31) Cyclohexane	5.66	56	12512	1.171	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	47267	5.177	ug/l #	48
38) Carbon Tetrachloride	5.66	117	64976	6.049	ug/l #	16
44) Trichloroethene	7.21	130	141491	17.078	ug/l	96
60) Dibromochloromethane	9.34	129	634676	70.416	ug/l #	11
64) Tetrachloroethene	9.34	164	689436	92.287	ug/l	99
76) 1,2,3-Trichloropropane	11.14	75	221839	21.856	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.14	75	221839	51.291	ug/l #	15

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120518\
Data File : VX006295.D
Acq On : 05 Dec 2018 12:51
Operator : JC/MD
Sample : J6210-05ME
Misc : 6.22g/5mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WC-9(4.5)ME

Quant Time: Dec 06 00:15:24 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX006295.D

Acq: 05 Dec 2018 12:51

Instrument :

MSVOA_X

ClientSampleId :

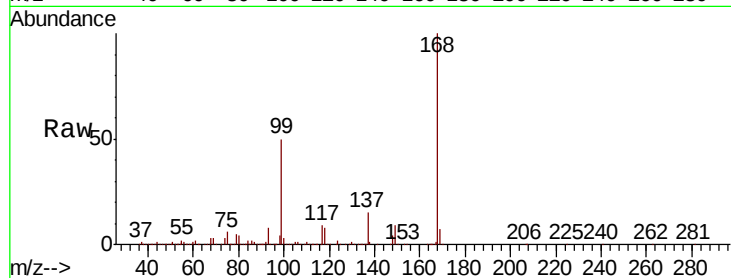
WC-9(4.5)ME

Tot Ion:168 Resp: 724707

Ion Ratio Lower Upper

168 100

99 49.6 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

250000

200000

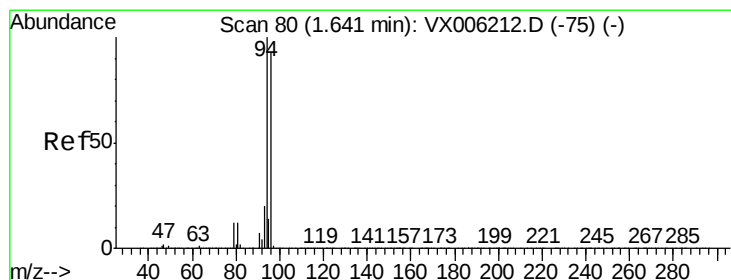
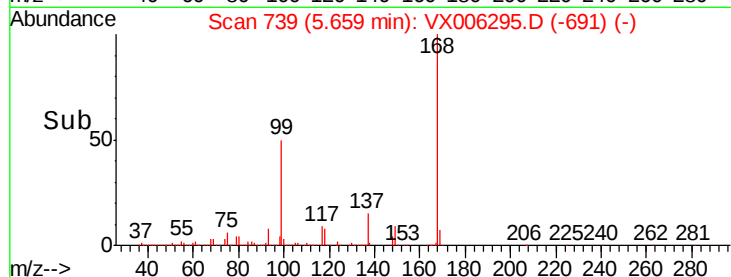
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.452 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006295.D

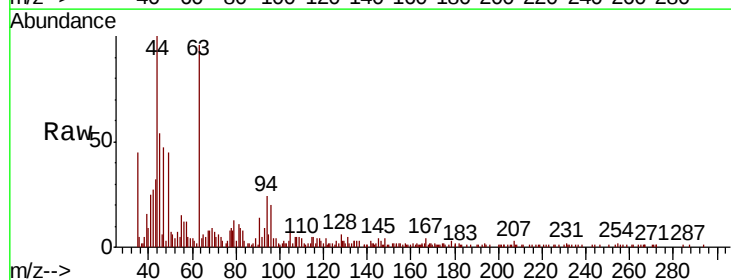
Acq: 05 Dec 2018 12:51

Tgt Ion: 94 Resp: 2460

Ion Ratio Lower Upper

94 100

96 82.2 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

2000

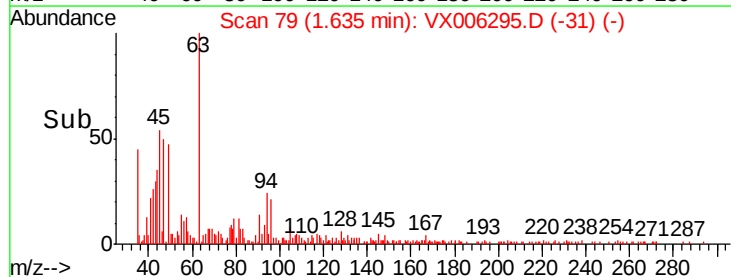
1500

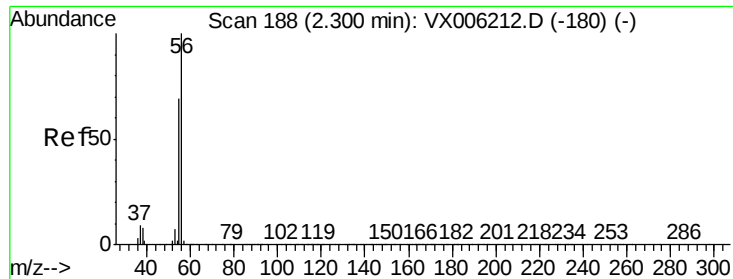
1000

500

0

Time-->





#13

Acrolein

Concen: 0.439 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX006295.D

Acq: 05 Dec 2018 12:51

Instrument :

MSVOA_X

ClientSampleId :

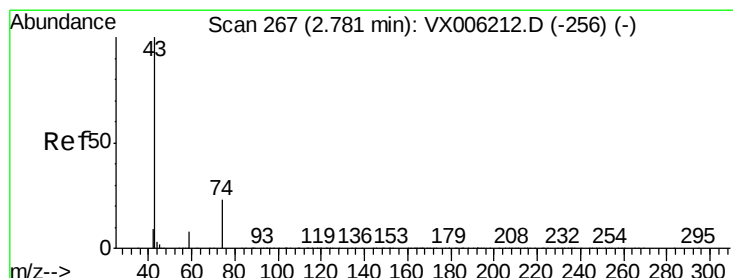
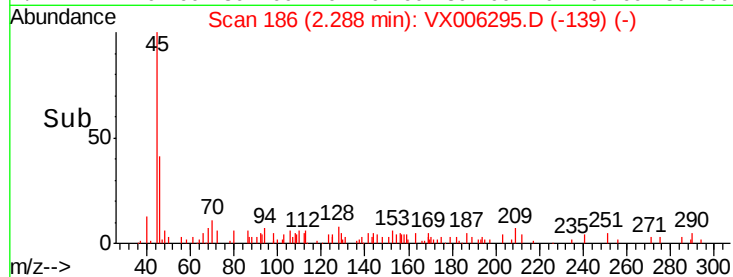
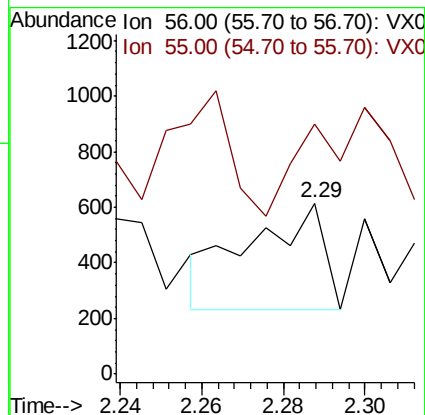
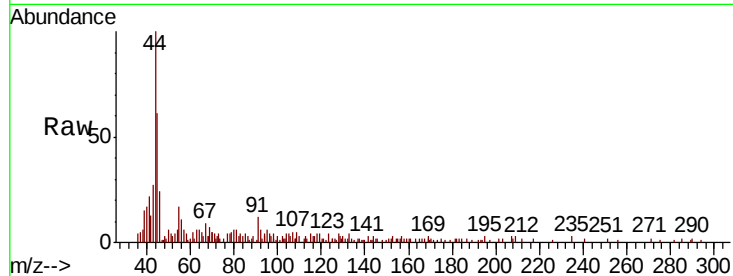
WC-9(4.5)ME

Tot Ion: 56 Resp: 486

Ion Ratio Lower Upper

56 100

55 109.7 57.8 86.6#



#18

Methyl Acetate

Concen: 0.290 ug/l

RT: 2.79 min Scan# 269

Delta R.T. 0.01 min

Lab File: VX006295.D

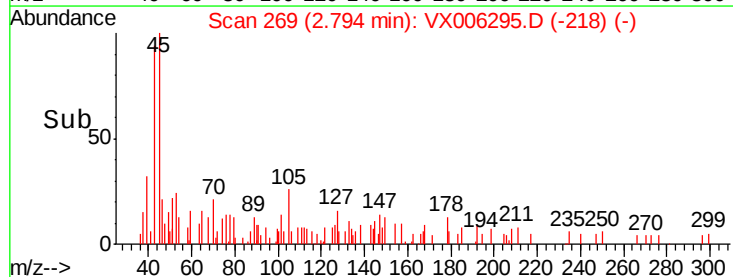
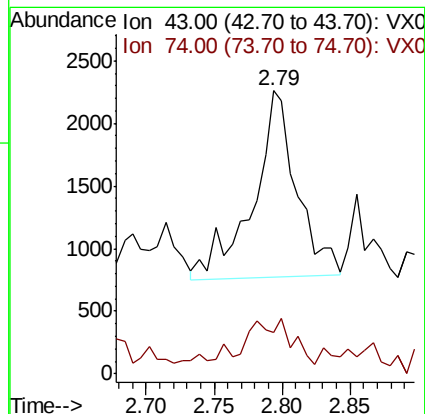
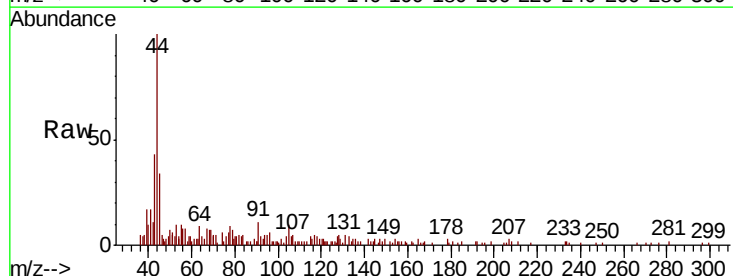
Acq: 05 Dec 2018 12:51

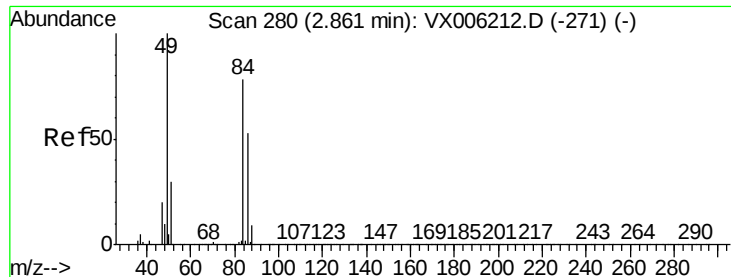
Tgt Ion: 43 Resp: 3365

Ion Ratio Lower Upper

43 100

74 27.4 17.9 26.9#





#20

Methylene Chloride

Concen: 0.374 ug/l

RT: 2.85 min Scan# 278

Delta R.T. -0.01 min

Lab File: VX006295.D

Acq: 05 Dec 2018 12:51

Instrument :

MSVOA_X

ClientSampled :

WC-9(4.5)ME

Tot Ion: 84 Resp: 2766

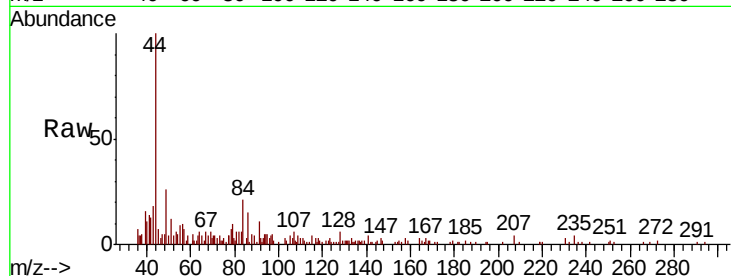
Ion Ratio Lower Upper

84 100

49 129.7 102.2 153.4

51 40.9 31.1 46.7

86 70.3 53.7 80.5

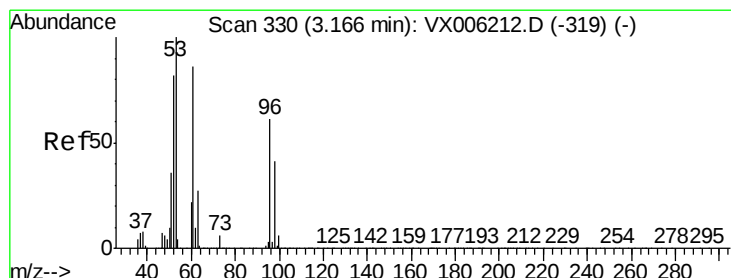
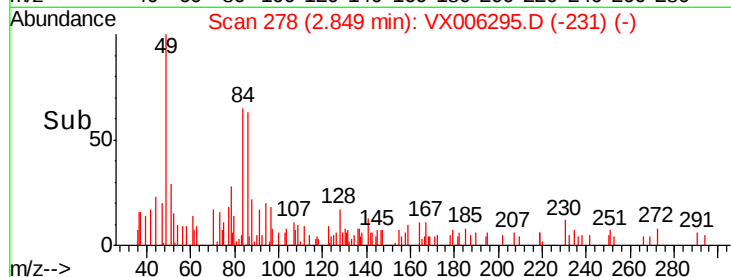
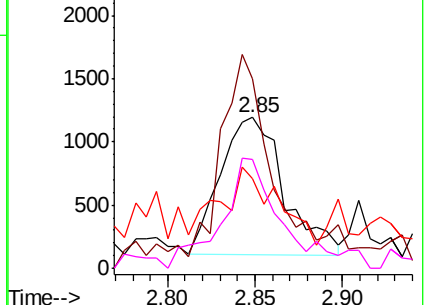


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#21

trans-1,2-Dichloroethene

Concen: 0.254 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.02 min

Lab File: VX006295.D

Acq: 05 Dec 2018 12:51

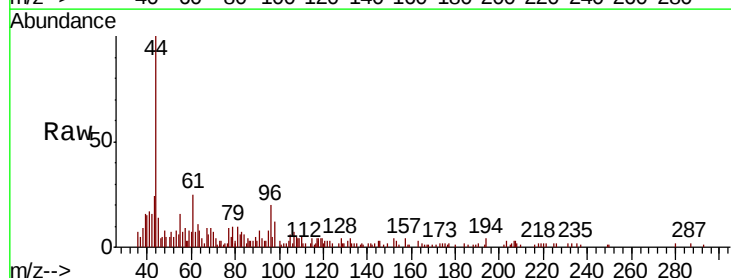
Tgt Ion: 96 Resp: 1778

Ion Ratio Lower Upper

96 100

61 135.1 113.3 169.9

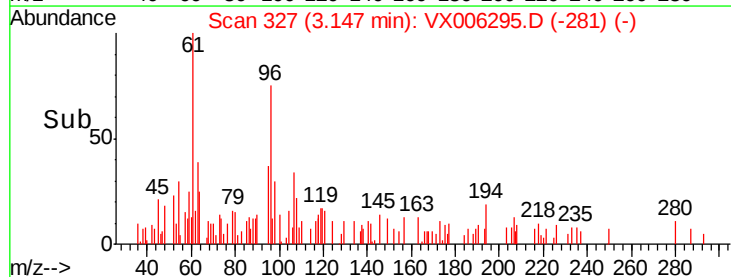
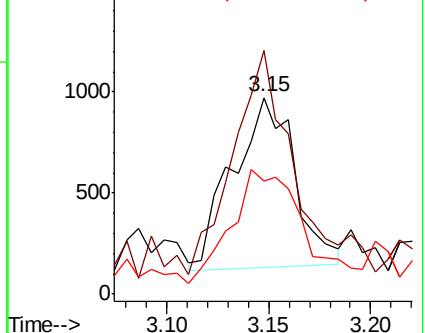
98 62.0 53.2 79.8

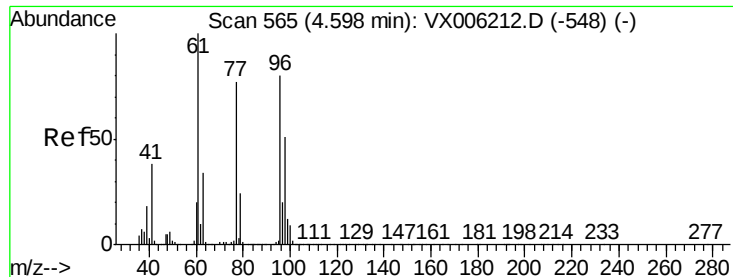


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



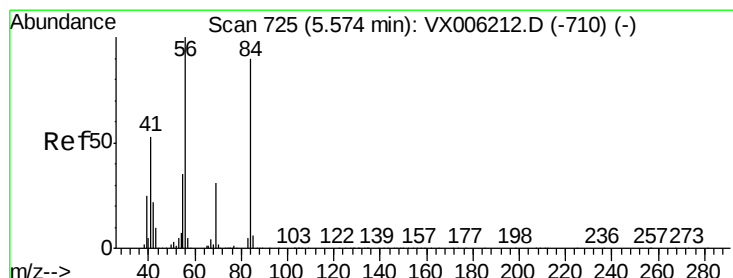
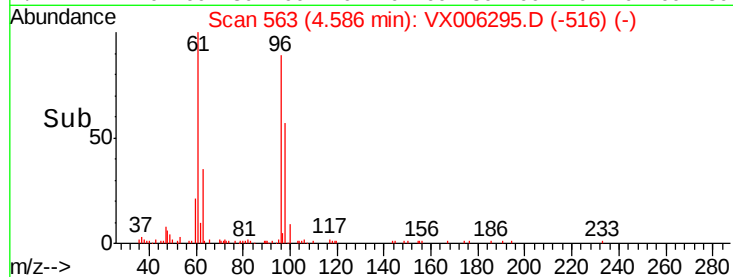
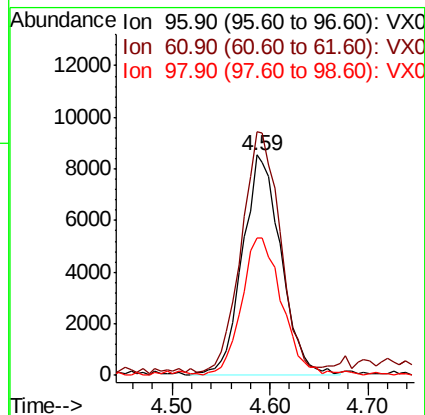
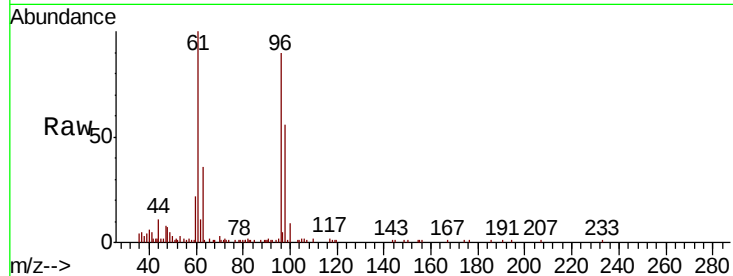


#27

cis-1,2-Dichloroethene
 Concen: 3.008 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: VX006295.D
 Acq: 05 Dec 2018 12:51

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-9(4.5)ME

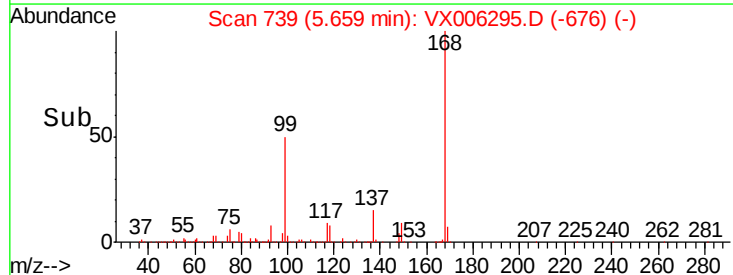
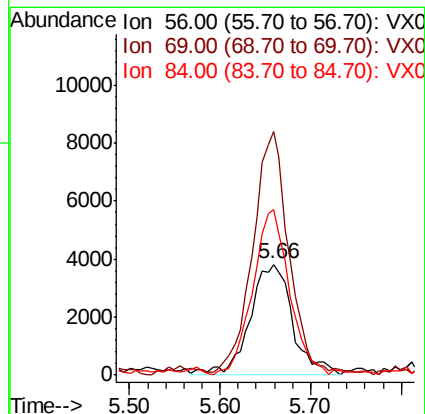
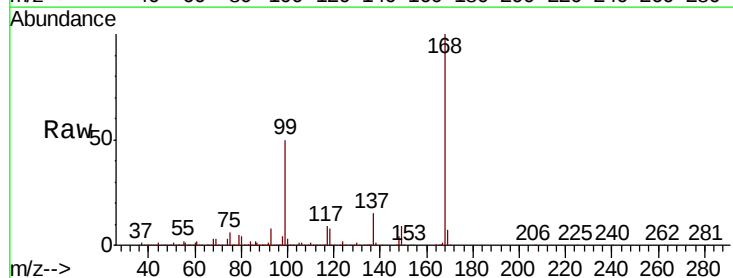
Tot Ion	96	Resp	23447
Ion	Ratio	Lower	Upper
96	100		
61	109.9	0.0	265.0
98	65.0	0.0	130.2

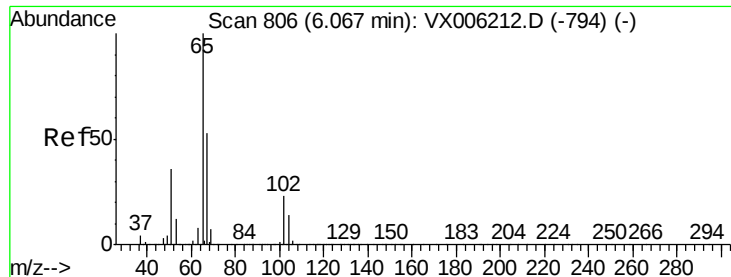


#31

Cyclohexane
 Concen: 1.171 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. 0.09 min
 Lab File: VX006295.D
 Acq: 05 Dec 2018 12:51

Tgt Ion	56	Resp	12512
Ion	Ratio	Lower	Upper
56	100		
69	215.6	24.5	36.7#
84	152.6	71.8	107.6#





#33

1,2-Dichloroethane-d4

Concen: 47.740 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006295.D

Acq: 05 Dec 2018 12:51

Instrument :

MSVOA_X

ClientSampleId :

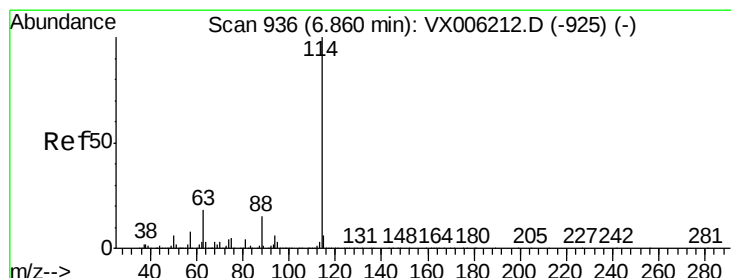
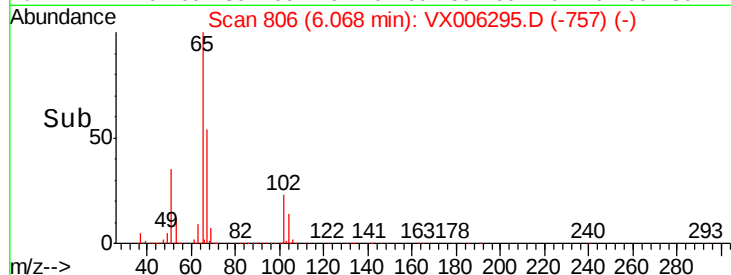
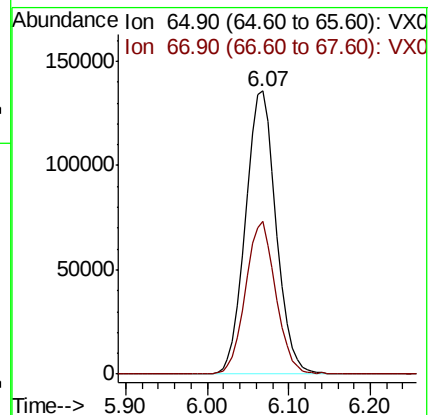
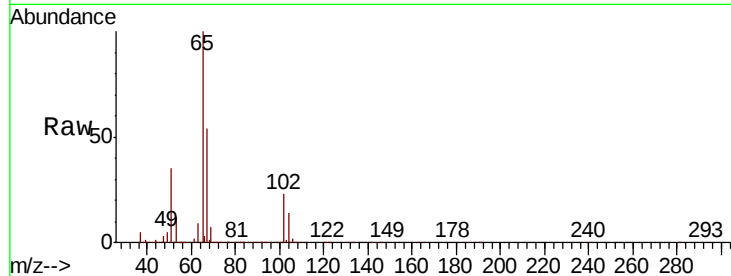
WC-9(4.5)ME

Tot Ion: 65 Resp: 353186

Ion Ratio Lower Upper

65 100

67 53.4 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006295.D

Acq: 05 Dec 2018 12:51

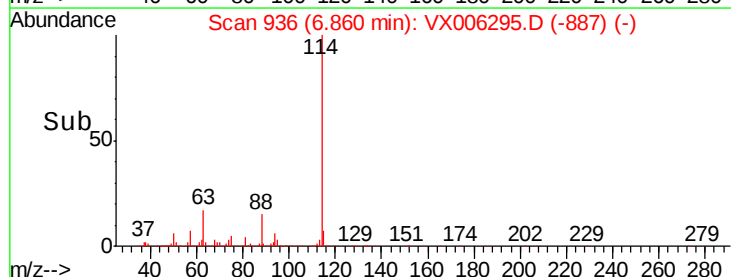
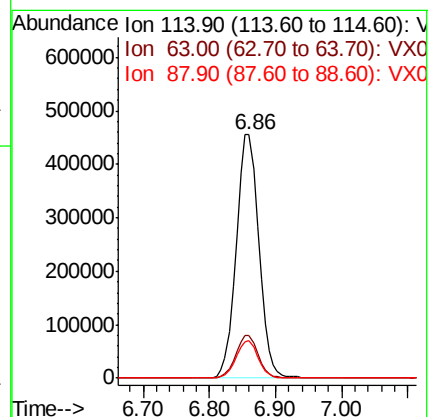
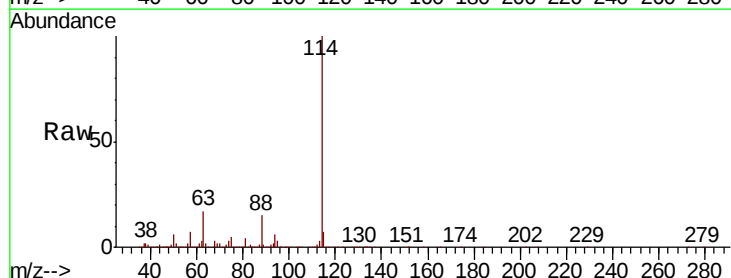
Tgt Ion: 114 Resp: 1084313

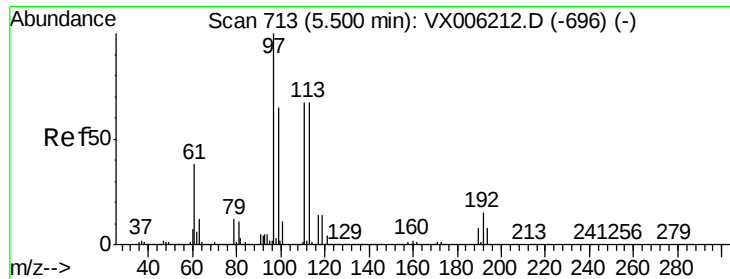
Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.6

88 15.4 0.0 29.0

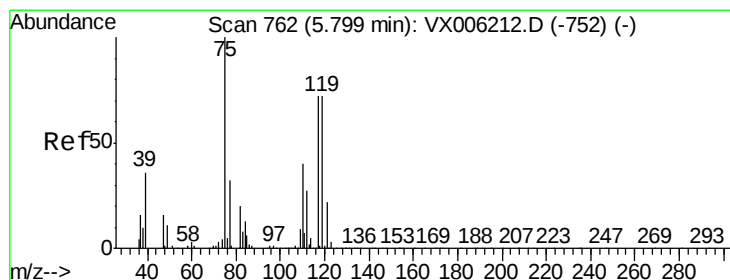
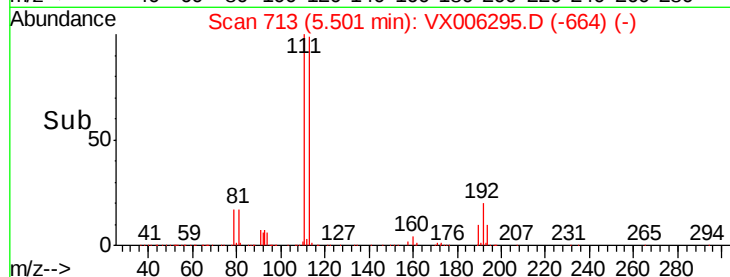
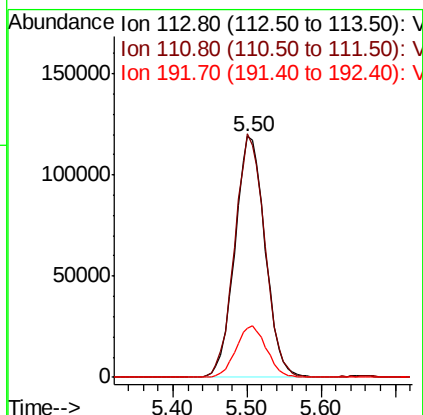
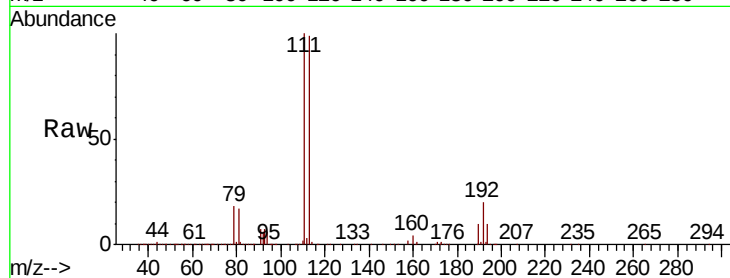




#35
 Dibromofluoromethane
 Concen: 48.406 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006295.D
 Acq: 05 Dec 2018 12:51

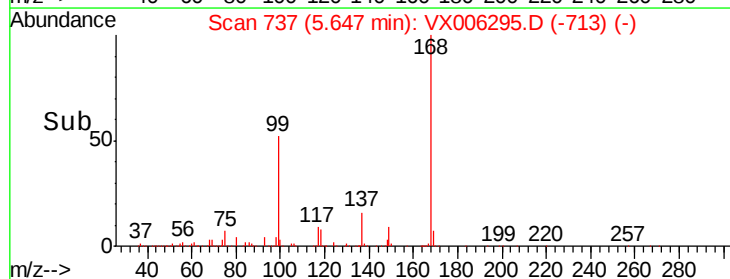
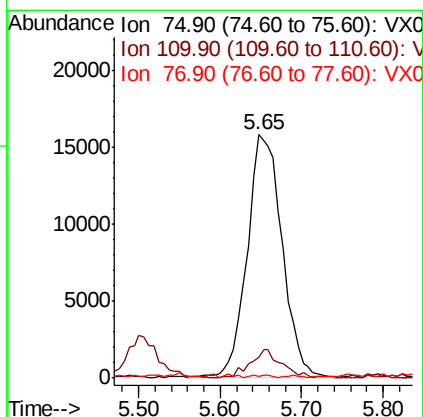
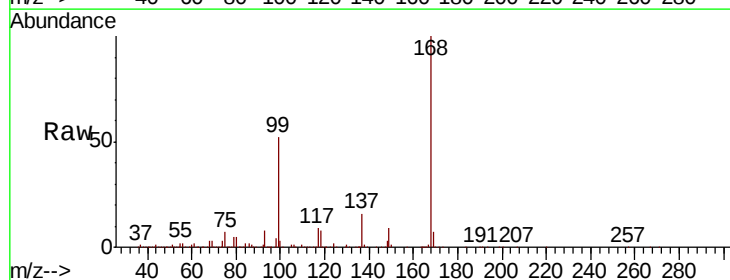
Instrument :
 MSVOA_X
 ClientSampleId :
 WC-9(4.5)ME

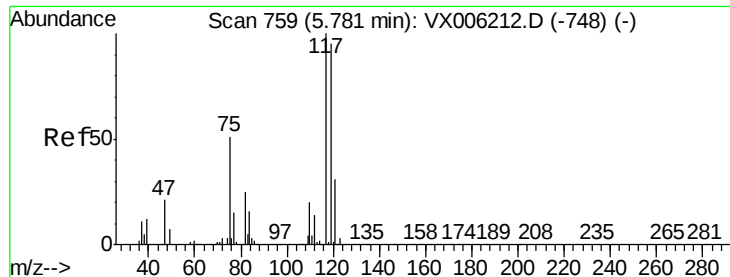
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.4	81.1	121.7
192	21.5	18.2	27.2



#36
 1,1-Dichloropropene
 Concen: 5.177 ug/l
 RT: 5.65 min Scan# 737
 Delta R.T. -0.15 min
 Lab File: VX006295.D
 Acq: 05 Dec 2018 12:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.5	20.4	61.3#
77	0.3	24.9	37.3#

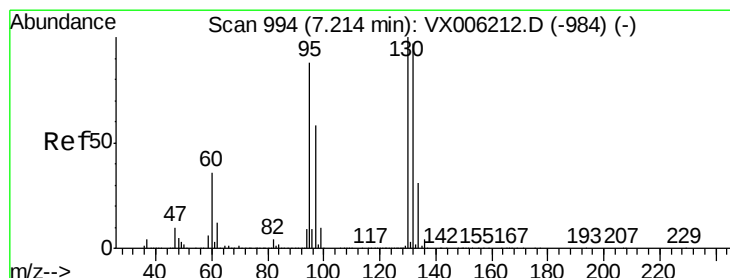
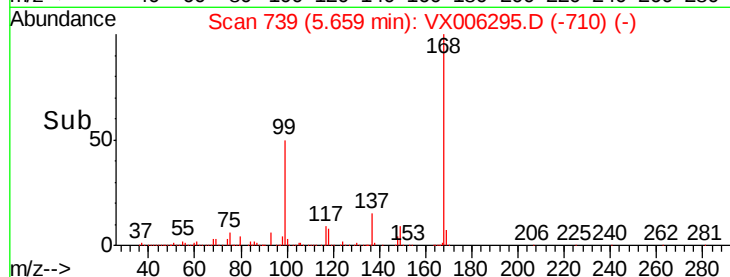
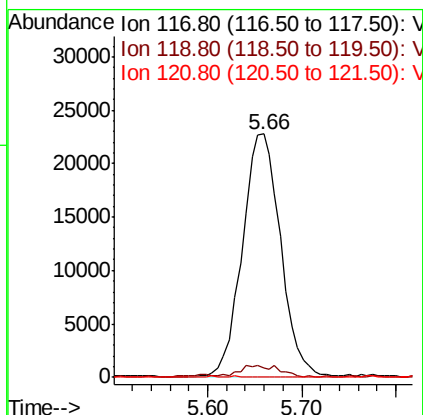
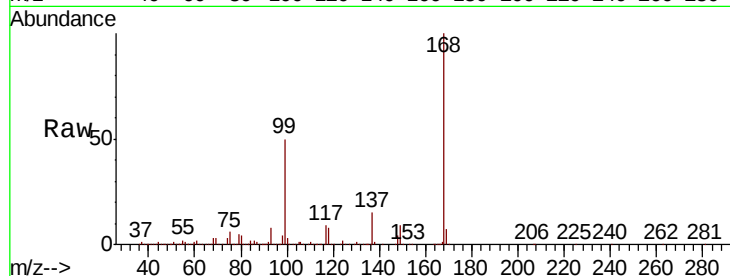




#38
Carbon Tetrachloride
Concen: 6.049 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX006295.D
Acq: 05 Dec 2018 12:51

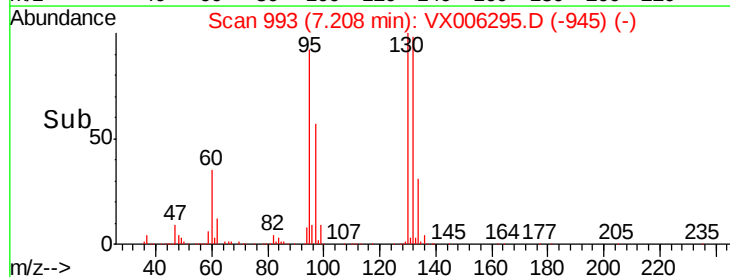
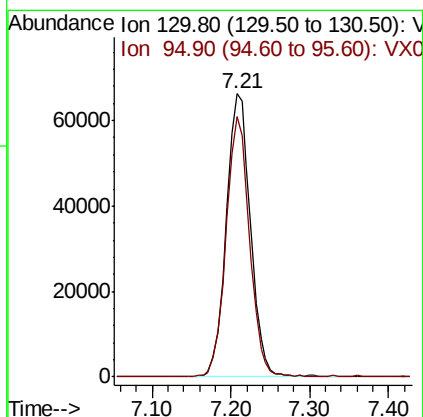
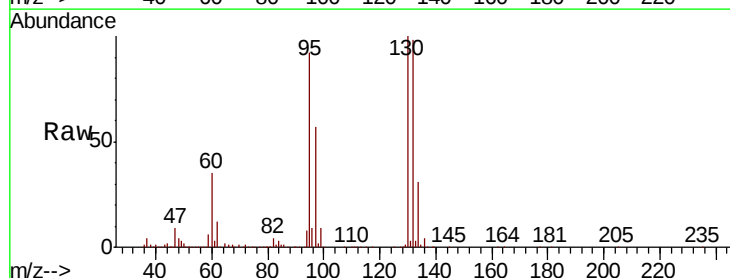
Instrument :
MSVOA_X
ClientSampleId :
WC-9(4.5)ME

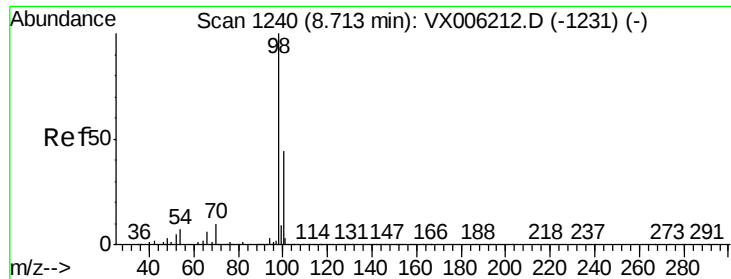
Tot Ion:117 Resp: 64976
Ion Ratio Lower Upper
117 100
119 4.1 75.8 113.8#
121 0.0 24.6 37.0#



#44
Trichloroethene
Concen: 17.078 ug/l
RT: 7.21 min Scan# 993
Delta R.T. -0.01 min
Lab File: VX006295.D
Acq: 05 Dec 2018 12:51

Tgt Ion:130 Resp: 141491
Ion Ratio Lower Upper
130 100
95 91.9 0.0 175.8





#50

Toluene-d8

Concen: 48.947 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006295.D

Acq: 05 Dec 2018 12:51

Instrument :

MSVOA_X

ClientSampleId :

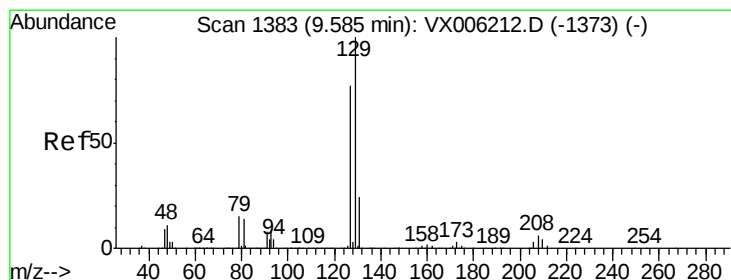
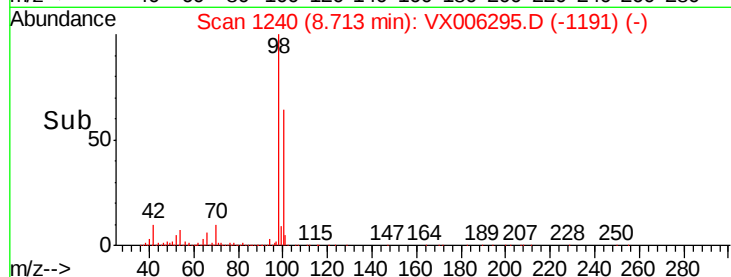
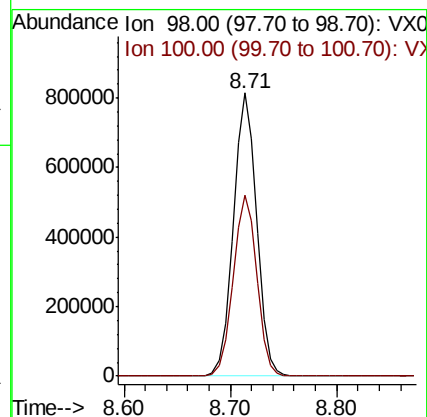
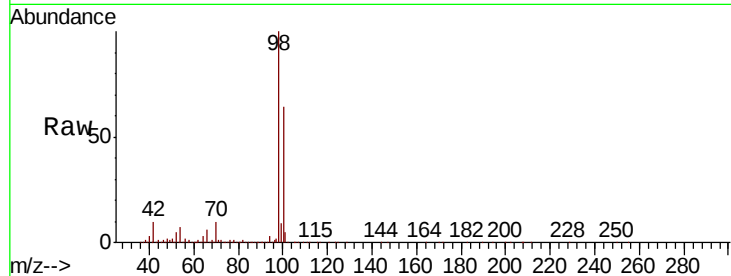
WC-9(4.5)ME

Tot Ion: 98 Resp: 1249929

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2



#60

Dibromochloromethane

Concen: 70.416 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.25 min

Lab File: VX006295.D

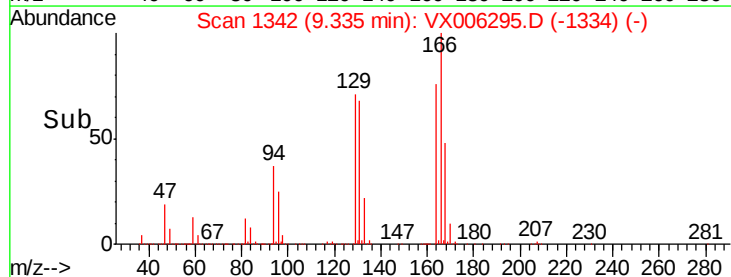
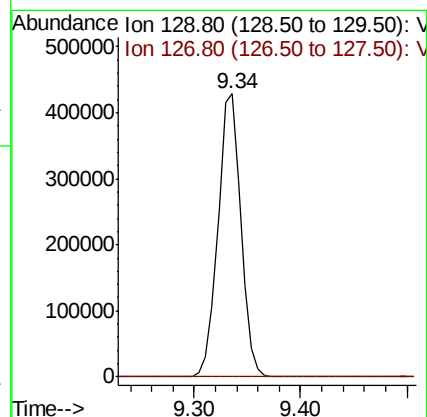
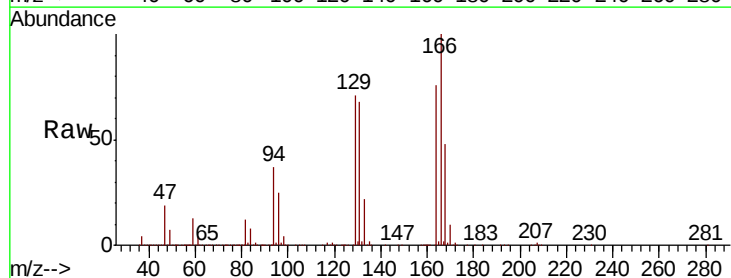
Acq: 05 Dec 2018 12:51

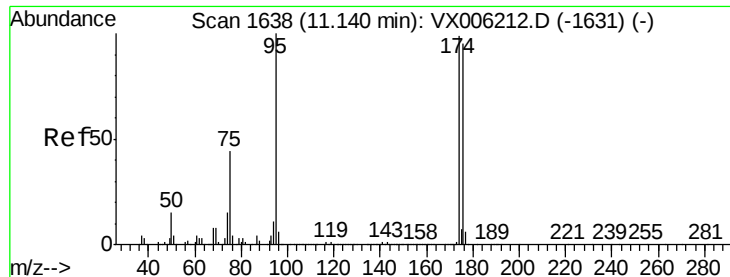
Tgt Ion:129 Resp: 634676

Ion Ratio Lower Upper

129 100

127 0.1 38.6 115.8#

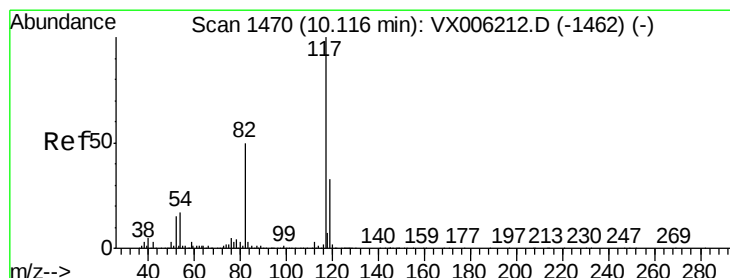
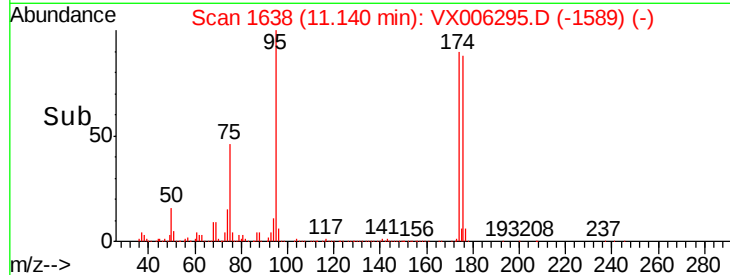
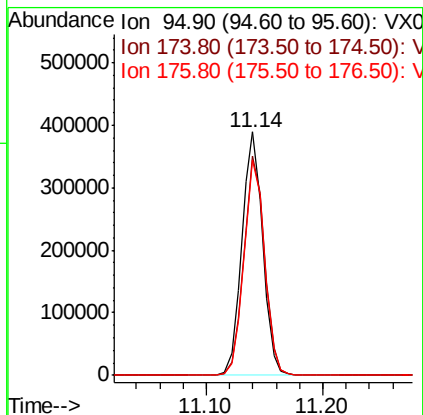
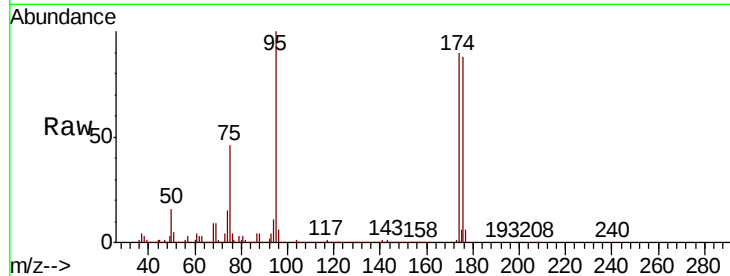




#62
4-Bromofluorobenzene
Concen: 50.399 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX006295.D
Acq: 05 Dec 2018 12:51

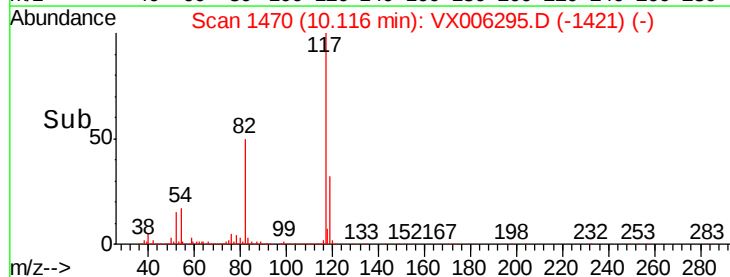
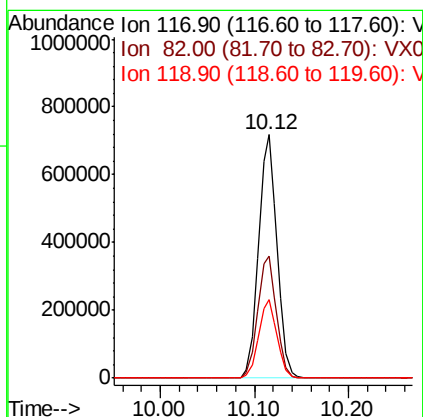
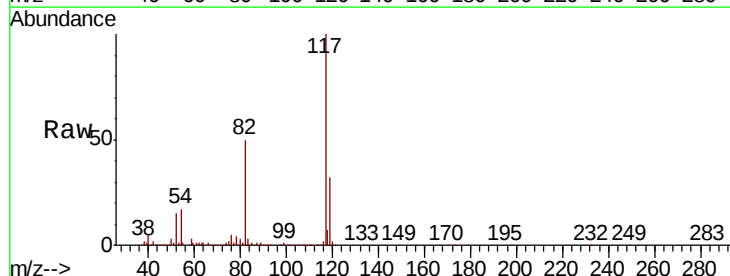
Instrument :
MSVOA_X
ClientSampleId :
WC-9(4.5)ME

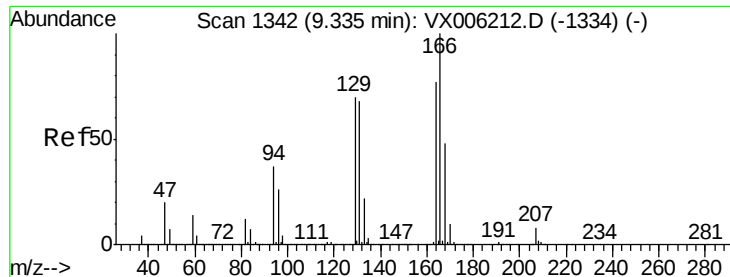
Tot Ion: 95 Resp: 484985
Ion Ratio Lower Upper
95 100
174 90.2 0.0 187.0
176 88.4 0.0 181.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006295.D
Acq: 05 Dec 2018 12:51

Tgt Ion: 117 Resp: 991992
Ion Ratio Lower Upper
117 100
82 50.3 39.6 59.4
119 32.3 26.3 39.5

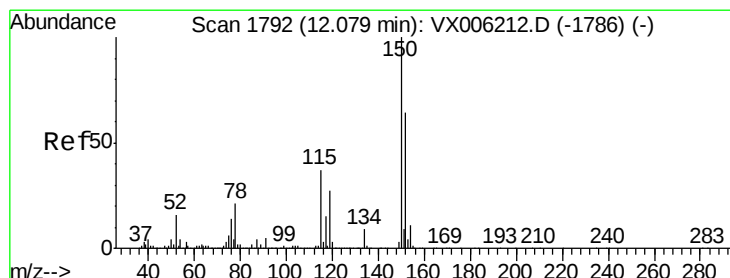
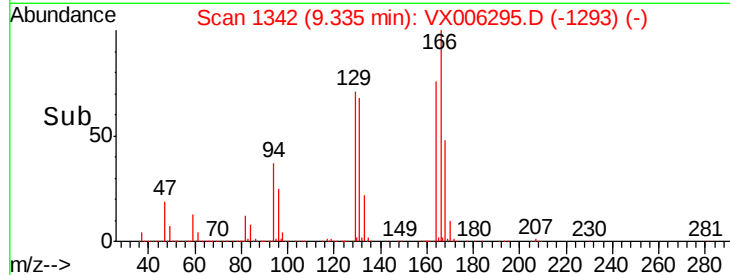
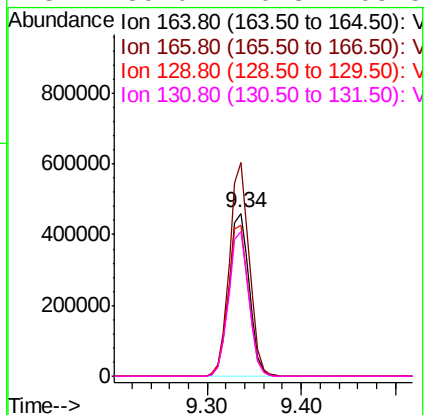
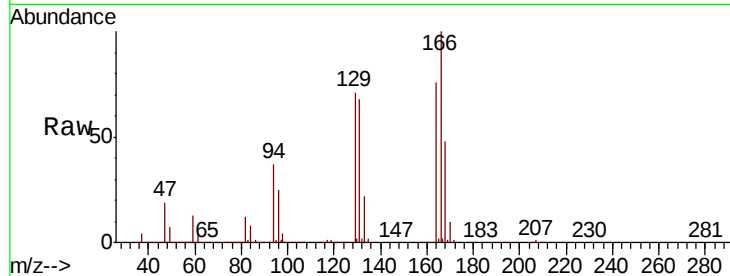




#64
Tetrachloroethene
Concen: 92.287 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006295.D
Acq: 05 Dec 2018 12:51

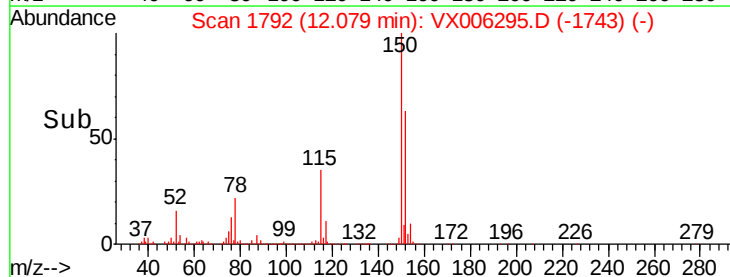
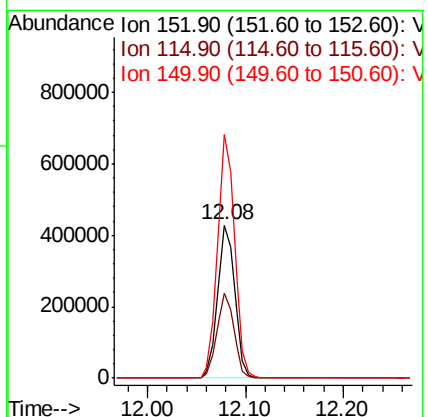
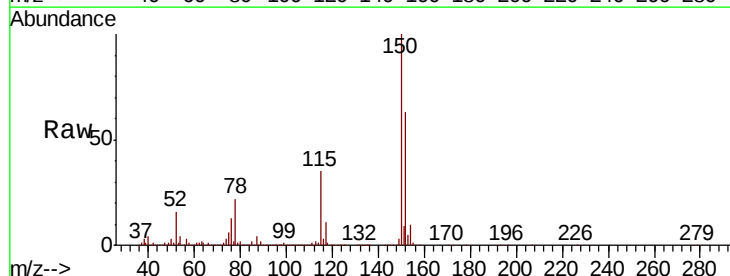
Instrument :
MSVOA_X
ClientSampleId :
WC-9(4.5)ME

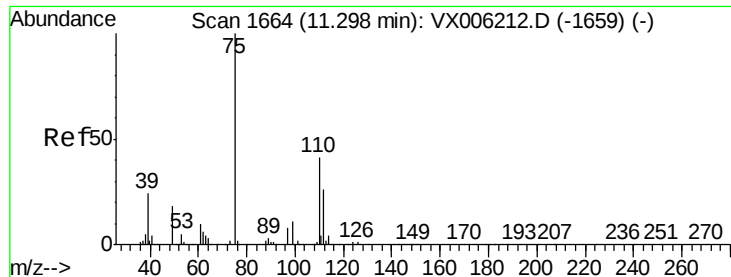
Tot Ion	Ratio	Lower	Upper
164	100		
166	131.0	104.2	156.2
129	92.9	72.6	108.8
131	89.0	70.3	105.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006295.D
Acq: 05 Dec 2018 12:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	39.0	116.9
150	157.9	0.0	345.8





#76

1,2,3-Trichloropropane

Concen: 21.856 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX006295.D

Acq: 05 Dec 2018 12:51

Instrument :

MSVOA_X

ClientSampleId :

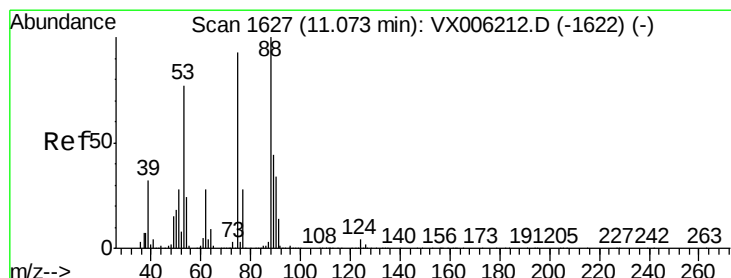
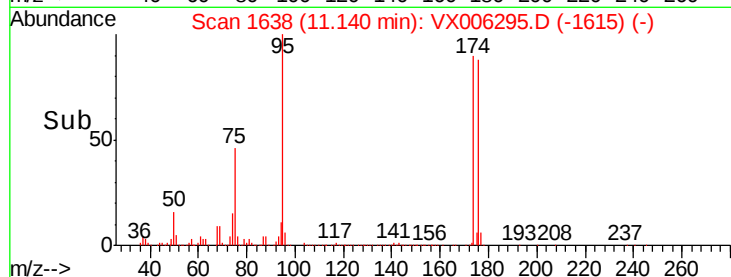
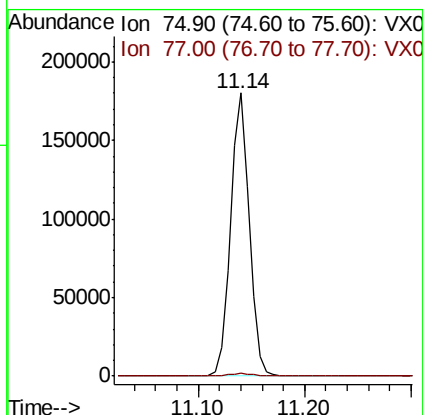
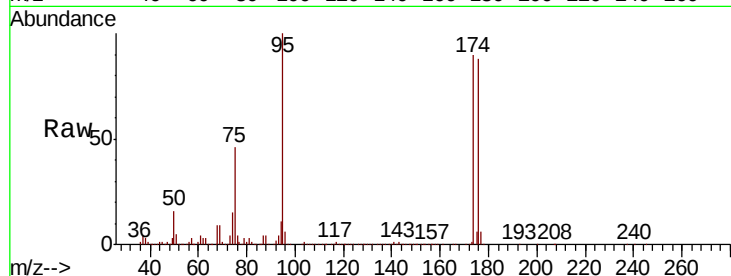
WC-9(4.5)ME

Tot Ion: 75 Resp: 221839

Ion Ratio Lower Upper

75 100

77 1.3 19.9 59.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 51.291 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX006295.D

Acq: 05 Dec 2018 12:51

Tgt Ion: 75 Resp: 221839

Ion Ratio Lower Upper

75 100

53 0.1 64.4 96.6#

89 0.1 44.2 66.4#

