

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020119\
 Data File : VW008486.D
 Acq On : 01 Feb 2019 17:17
 Operator : SY/VA
 Sample : K1297-06
 Misc : 3.40G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A0C4-SS1

Quant Time: Feb 02 00:46:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	250612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	409130	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	374953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	188164	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	144773	58.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.60%	
35) Dibromofluoromethane	7.88	113	130947	54.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.48%	
50) Toluene-d8	10.32	98	484155	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
62) 4-Bromofluorobenzene	12.62	95	184831	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	

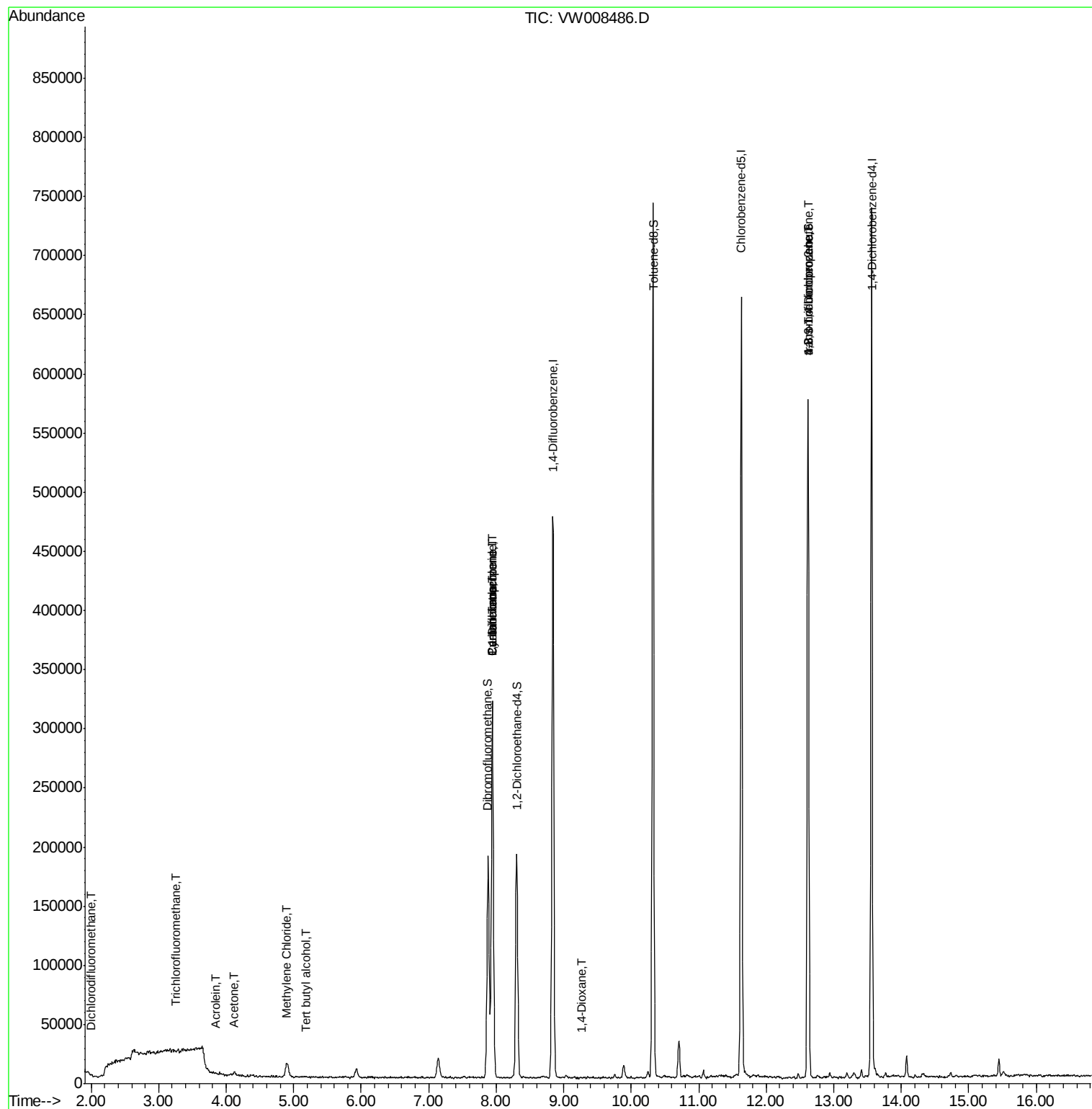
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	224	3.397	ug/l	86
7) Trichlorofluoromethane	3.26	101	251	4.825	ug/l #	41
11) Tert butyl alcohol	5.18	59	335	1.690	ug/l #	74
13) Acrolein	3.85	56	110	4.804	ug/l #	16
16) Acetone	4.12	43	4337	7.844	ug/l #	73
20) Methylene Chloride	4.90	84	8924	3.502	ug/l #	88
31) Cyclohexane	7.95	56	5395	1.117	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	18448	4.773	ug/l #	51
38) Carbon Tetrachloride	7.95	117	23570	6.061	ug/l #	17
49) 1,4-Dioxane	9.26	88	34	1.463	ug/l #	23
76) 1,2,3-Trichloropropane	12.62	75	91306	55.812	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	91306	110.233	ug/l #	12

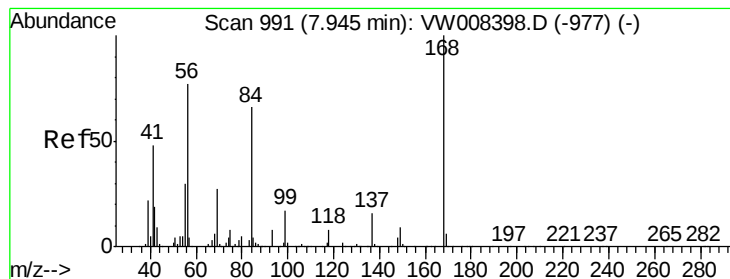
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW020119\
Data File : VW008486.D
Acq On : 01 Feb 2019 17:17
Operator : SY/VA
Sample : K1297-06
Misc : 3.40G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A0C4-SS1

Quant Time: Feb 02 00:46:08 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008486.D

Acq: 01 Feb 2019 17:17

Instrument :

MSVOA_W

ClientSampleId :

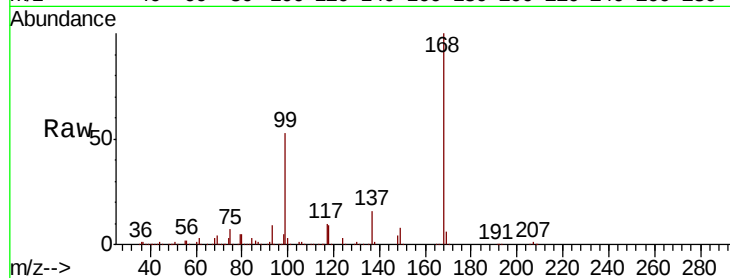
A0C4-SS1

Tgt Ion:168 Resp: 250612

Ion Ratio Lower Upper

168 100

99 53.1 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

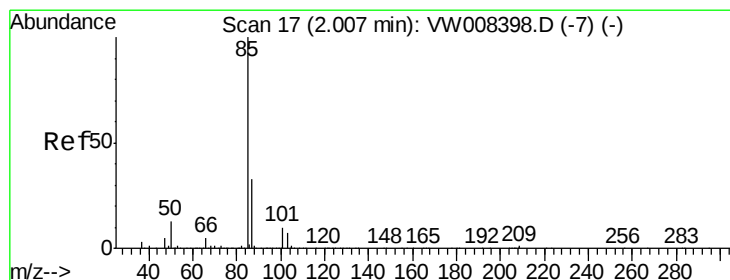
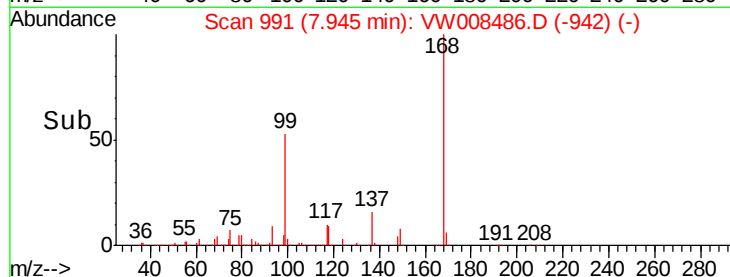
7.95

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 3.397 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW008486.D

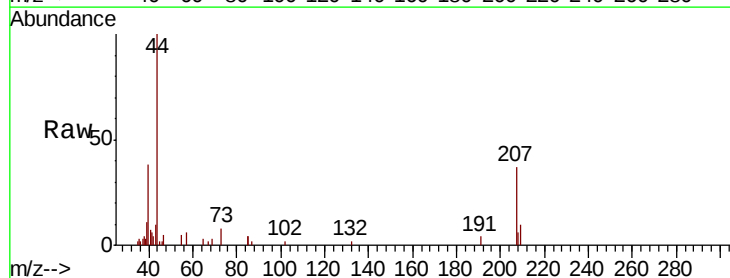
Acq: 01 Feb 2019 17:17

Tgt Ion: 85 Resp: 224

Ion Ratio Lower Upper

85 100

87 25.3 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

250

200

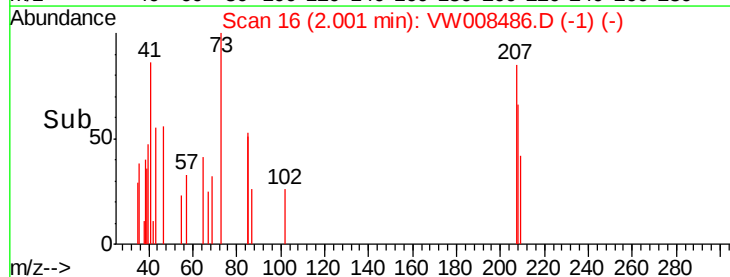
150

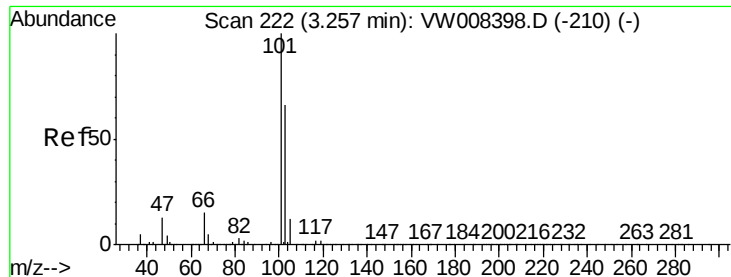
100

50

0

Time--> 1.98 2.00 2.02 2.04



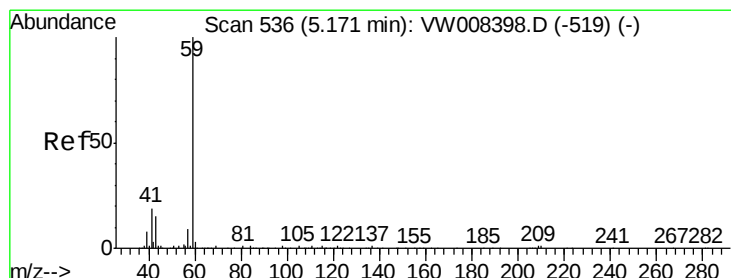
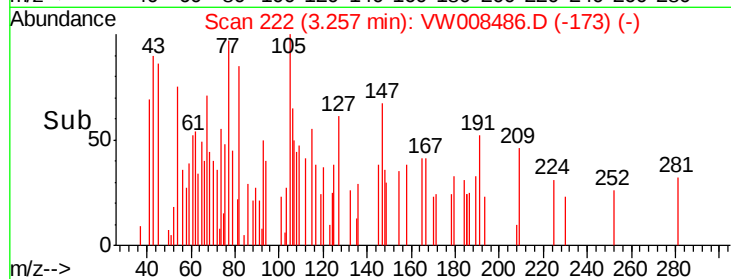
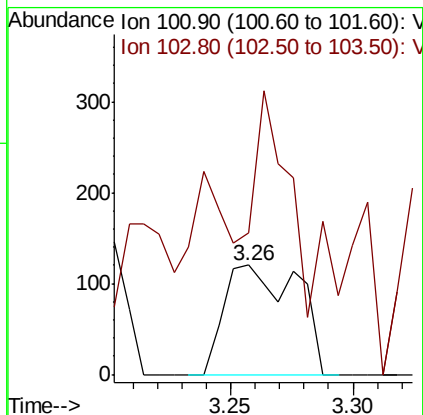
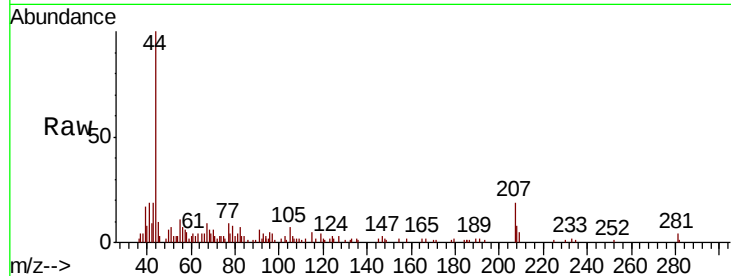


#7

Trichlorofluoromethane
 Concen: 4.825 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW008486.D
 Acq: 01 Feb 2019 17:17

Instrument :
 MSVOA_W
 ClientSampleId :
 A0C4-SS1

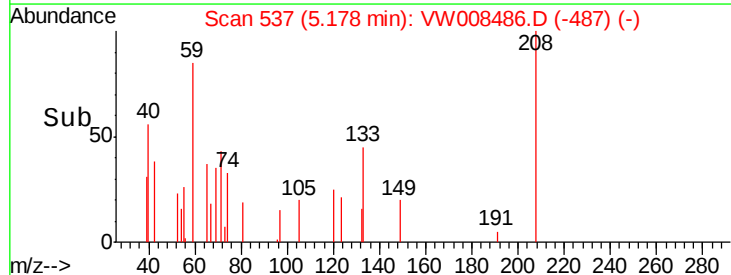
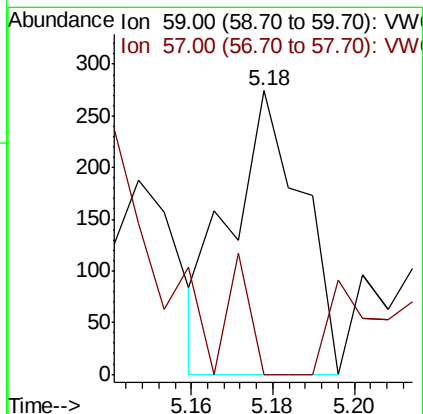
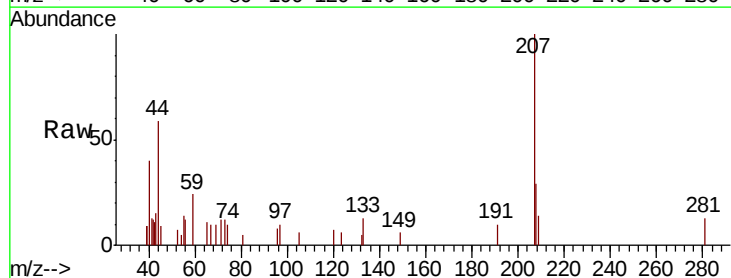
Tgt Ion: 101 Resp: 251
 Ion Ratio Lower Upper
 101 100
 103 112.5 52.5 78.7#

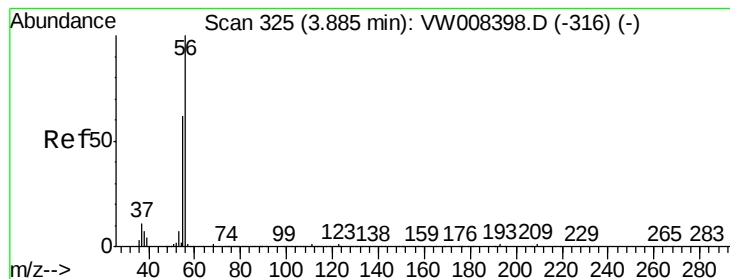


#11

Tert butyl alcohol
 Concen: 1.690 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW008486.D
 Acq: 01 Feb 2019 17:17

Tgt Ion: 59 Resp: 335
 Ion Ratio Lower Upper
 59 100
 57 21.5 9.3 13.9#





#13

Acrolein

Concen: 4.804 ug/l

RT: 3.85 min Scan# 319

Delta R.T. -0.04 min

Lab File: VW008486.D

Acq: 01 Feb 2019 17:17

Instrument :

MSVOA_W

ClientSampleId :

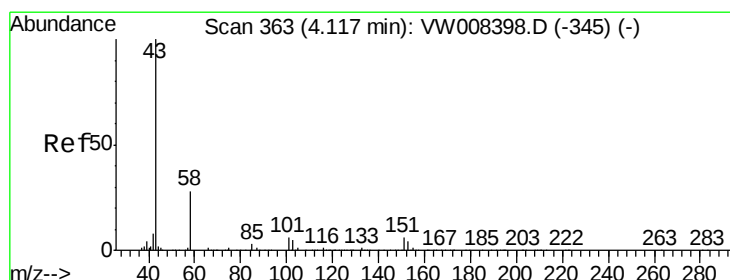
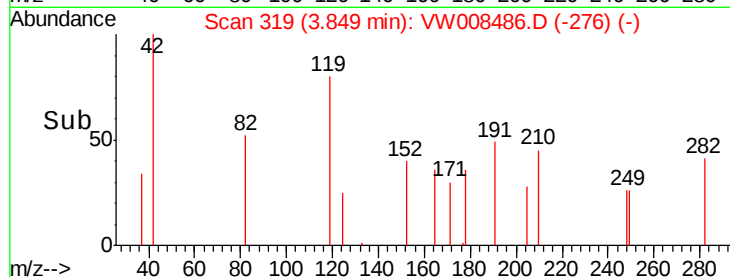
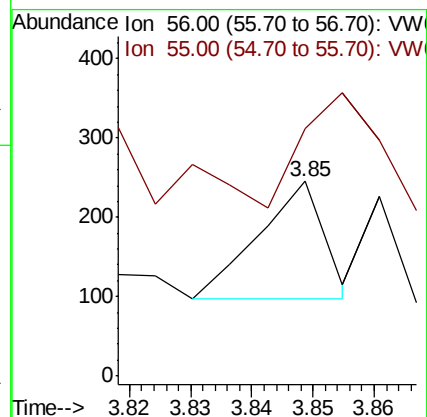
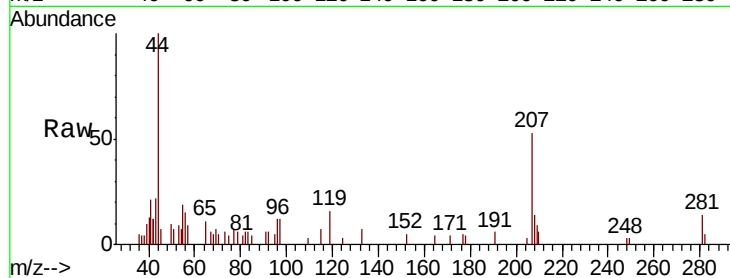
A0C4-SS1

Tgt Ion: 56 Resp: 110

Ion Ratio Lower Upper

56 100

55 140.0 56.7 85.1#



#16

Acetone

Concen: 7.844 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008486.D

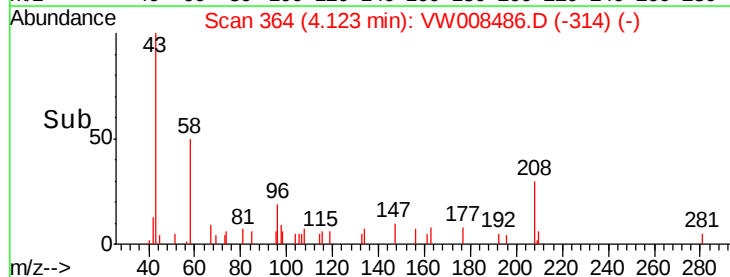
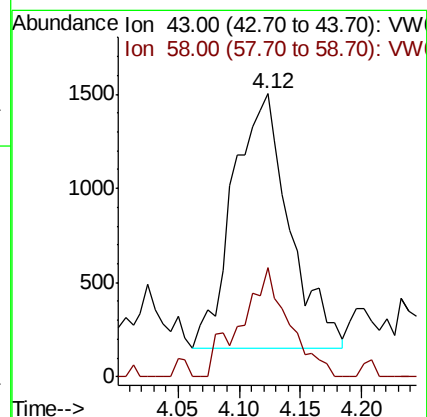
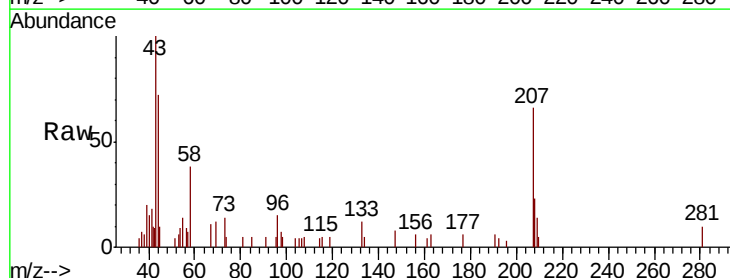
Acq: 01 Feb 2019 17:17

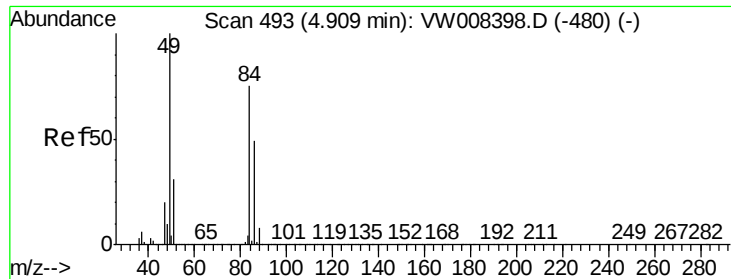
Tgt Ion: 43 Resp: 4337

Ion Ratio Lower Upper

43 100

58 42.7 22.6 34.0#

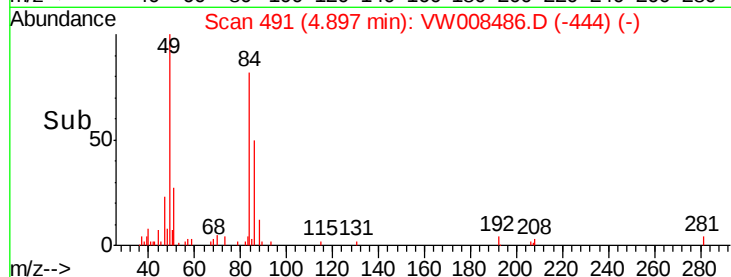
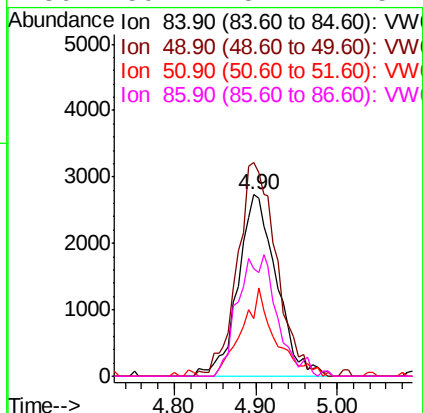
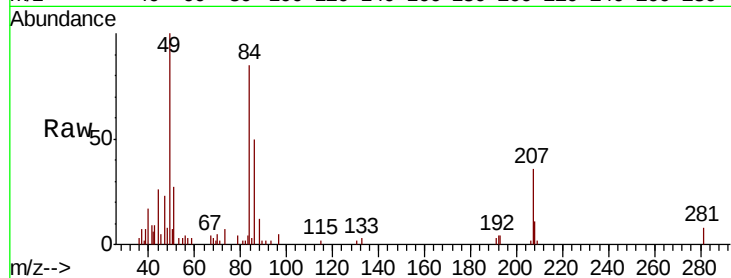




#20
Methylene Chloride
Concen: 3.502 ug/l
RT: 4.90 min Scan# 491
Delta R.T. -0.01 min
Lab File: VW008486.D
Acq: 01 Feb 2019 17:17

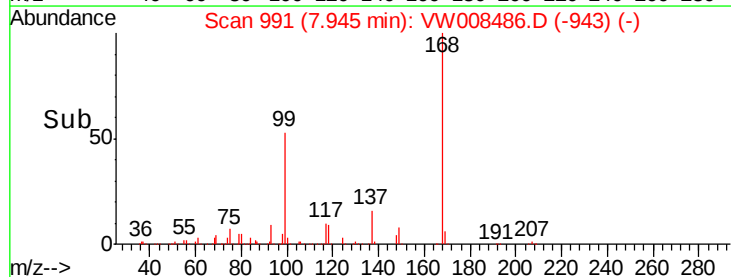
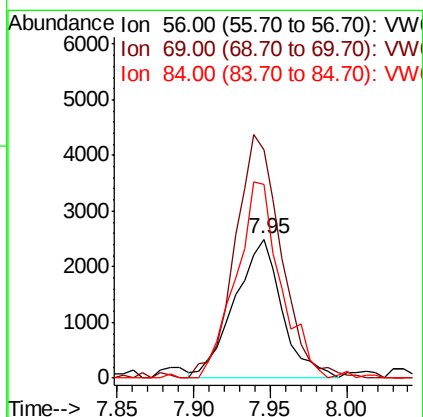
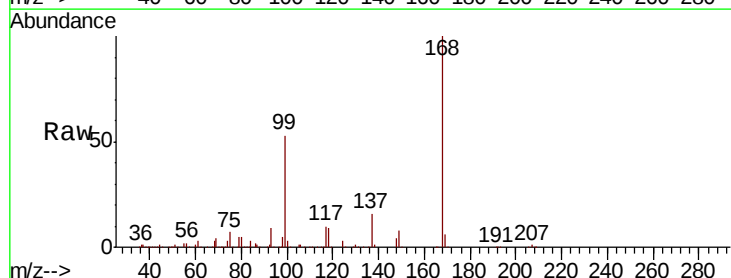
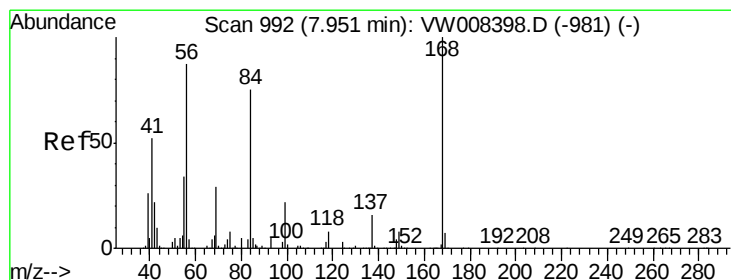
Instrument :
MSVOA_W
ClientSampleID :
A0C4-SS1

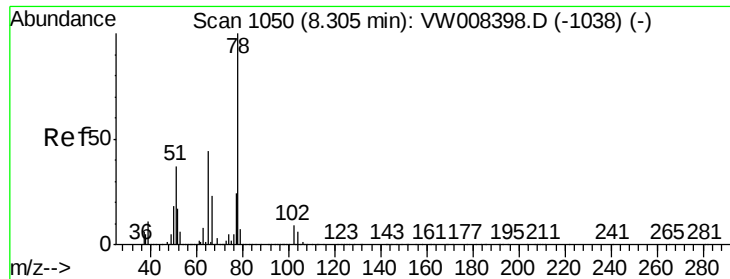
Tgt Ion:	84	Resp:	8924
Ion	Ratio	Lower	Upper
84	100		
49	117.9	106.8	160.2
51	31.9	32.9	49.3#
86	59.4	52.2	78.2



#31
Cyclohexane
Concen: 1.117 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008486.D
Acq: 01 Feb 2019 17:17

Tgt Ion:	56	Resp:	5395
Ion	Ratio	Lower	Upper
56	100		
69	164.0	26.4	39.6#
84	139.8	69.1	103.7#

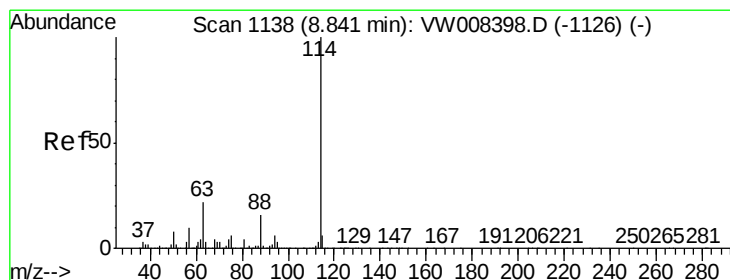
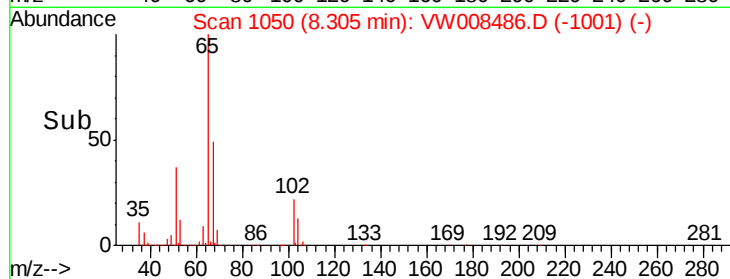
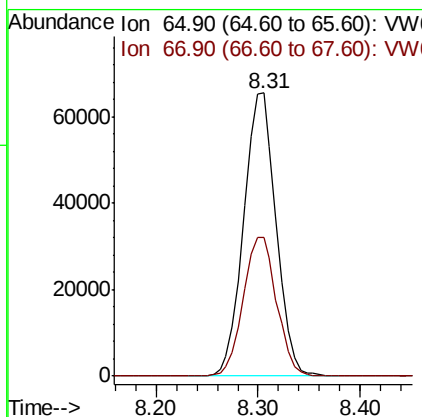
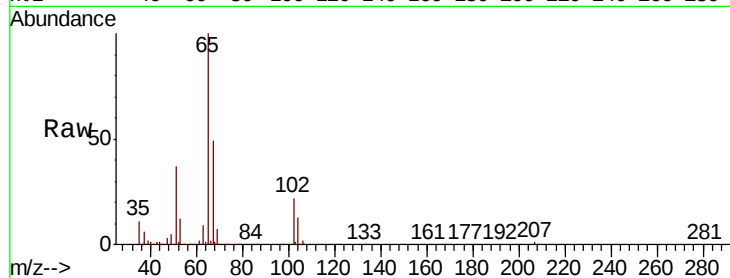




#33
 1,2-Dichloroethane-d4
 Concen: 58.802 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008486.D
 Acq: 01 Feb 2019 17:17

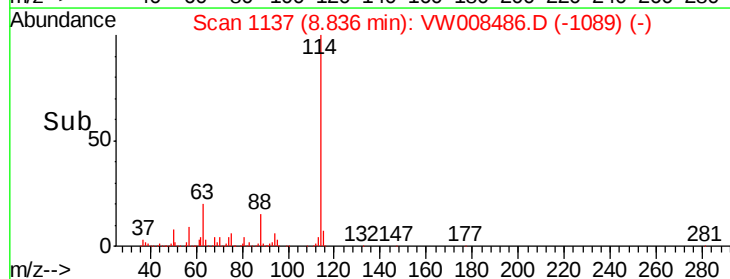
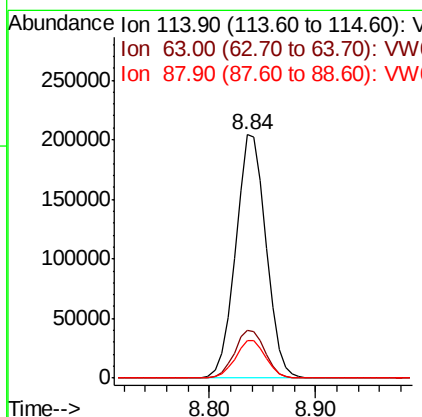
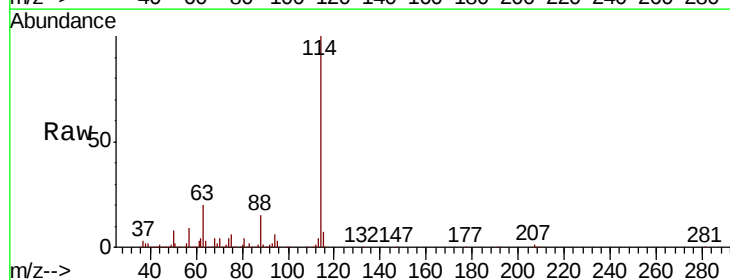
Instrument :
 MSVOA_W
 ClientSampleId :
 A0C4-SS1

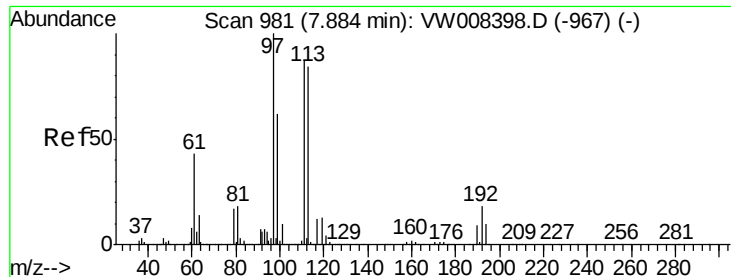
Tgt Ion: 65 Resp: 144773
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW008486.D
 Acq: 01 Feb 2019 17:17

Tgt Ion: 114 Resp: 409130
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 43.6
 88 15.4 0.0 31.8

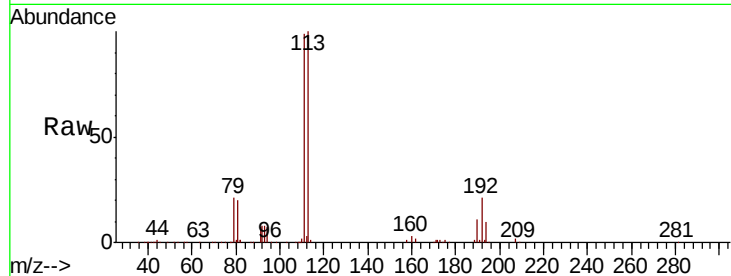




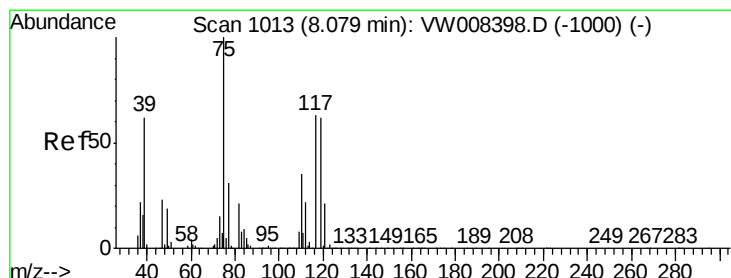
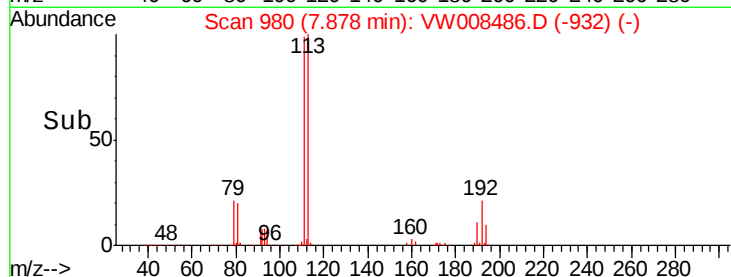
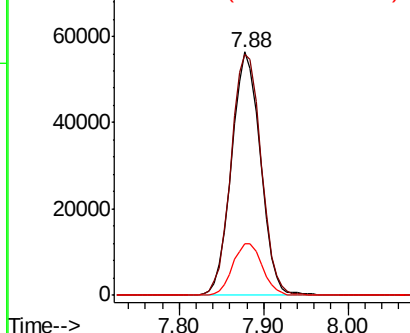
#35
 Dibromofluoromethane
 Concen: 54.736 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008486.D
 Acq: 01 Feb 2019 17:17

Instrument :
 MSVOA_W
 ClientSampleId :
 A0C4-SS1

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.0	121.4
192	21.8	16.8	25.2

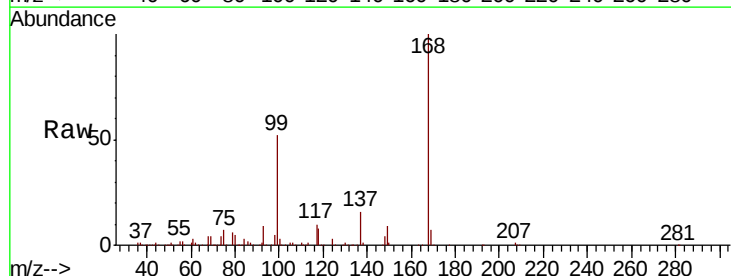


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

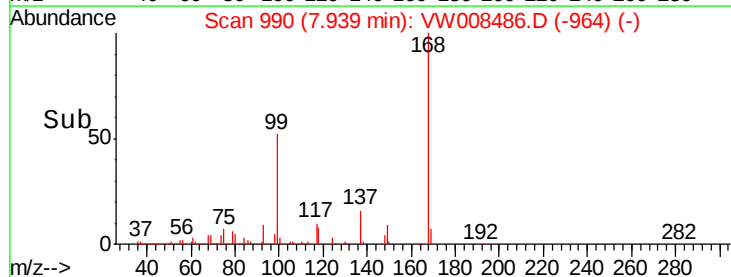
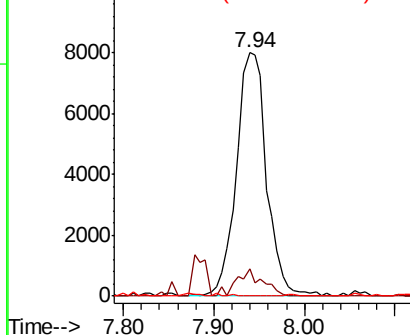


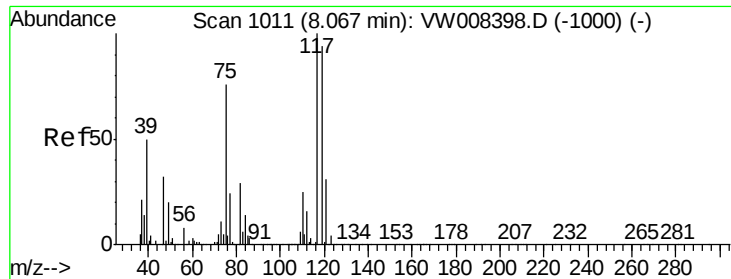
#36
 1,1-Dichloropropene
 Concen: 4.773 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW008486.D
 Acq: 01 Feb 2019 17:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.7	17.3	52.0#
77	0.1	24.7	37.1#



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

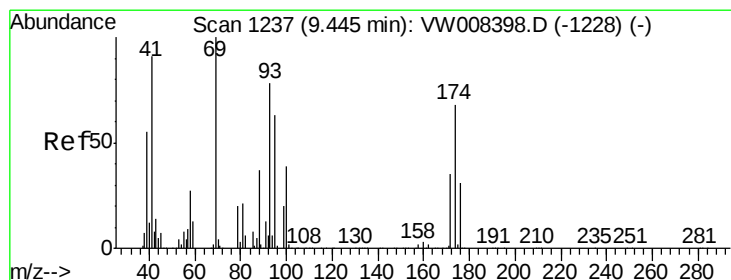
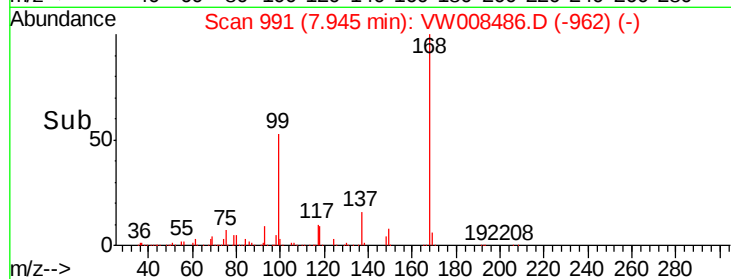
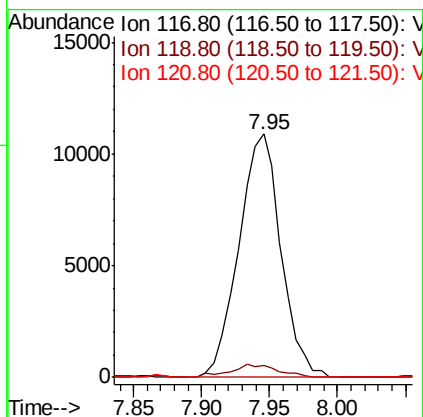
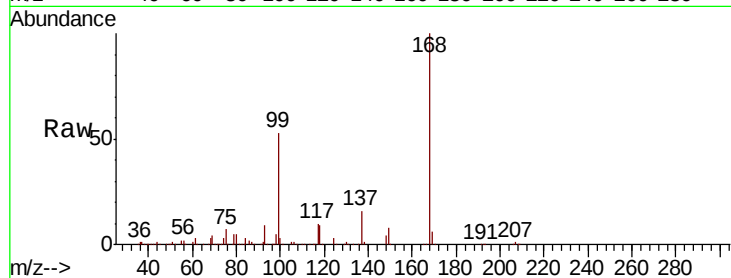




#38
Carbon Tetrachloride
Concen: 6.061 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW008486.D
Acq: 01 Feb 2019 17:17

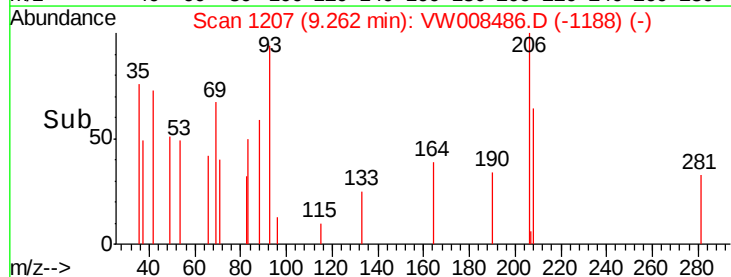
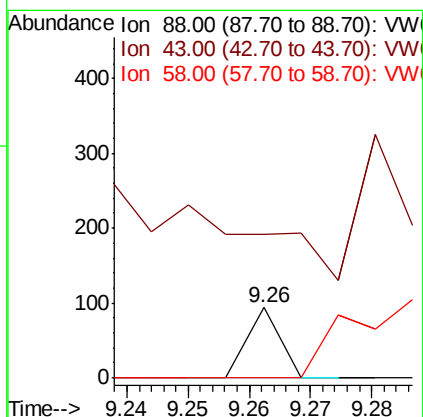
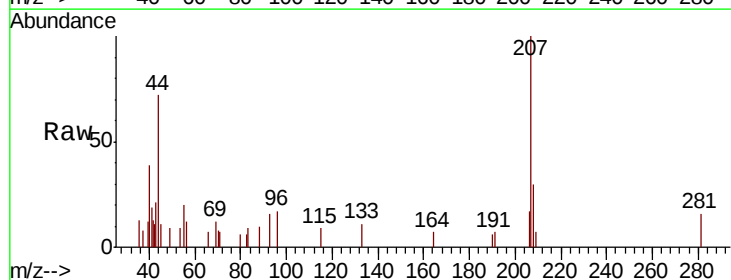
Instrument :
MSVOA_W
ClientSampleId :
A0C4-SS1

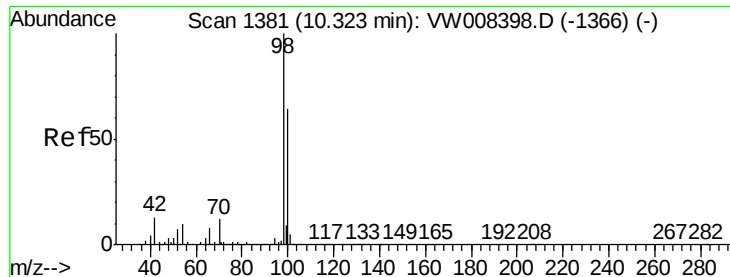
Tgt Ion:117 Resp: 23570
Ion Ratio Lower Upper
117 100
119 5.0 75.0 112.4#
121 0.0 24.9 37.3#



#49
1,4-Dioxane
Concen: 1.463 ug/l
RT: 9.26 min Scan# 1207
Delta R.T. -0.18 min
Lab File: VW008486.D
Acq: 01 Feb 2019 17:17

Tgt Ion: 88 Resp: 34
Ion Ratio Lower Upper
88 100
43 0.0 29.0 43.4#
58 0.0 56.4 84.6#





#50

Toluene-d8

Concen: 50.468 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008486.D

Acq: 01 Feb 2019 17:17

Instrument :

MSVOA_W

ClientSampleId :

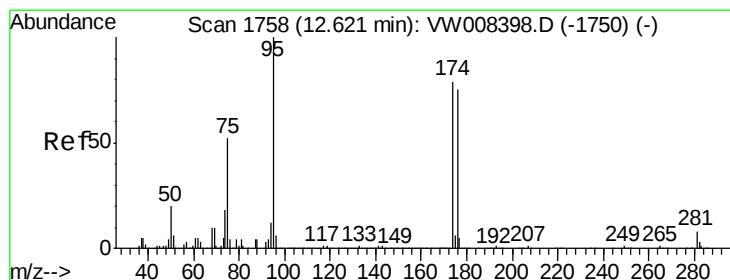
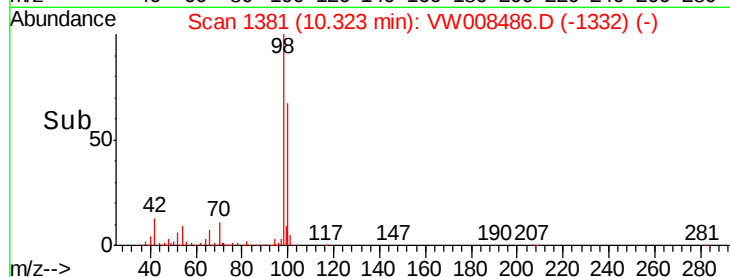
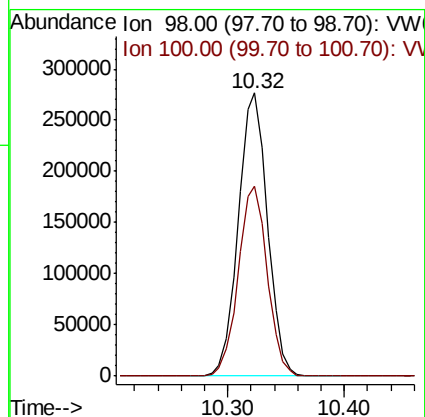
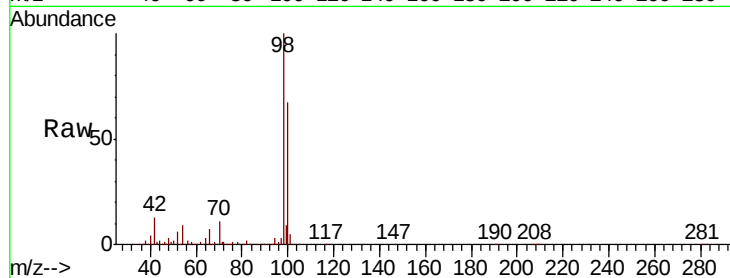
A0C4-SS1

Tgt Ion: 98 Resp: 484155

Ion Ratio Lower Upper

98 100

100 66.5 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 50.123 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW008486.D

Acq: 01 Feb 2019 17:17

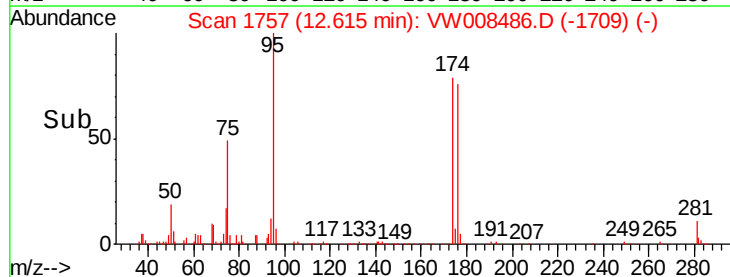
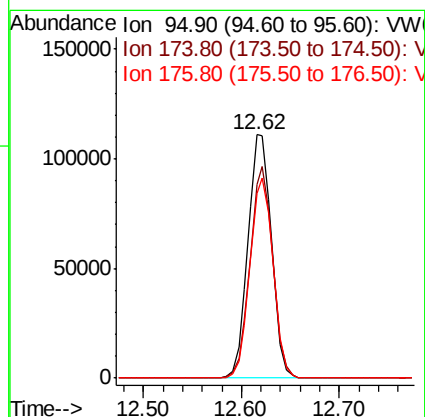
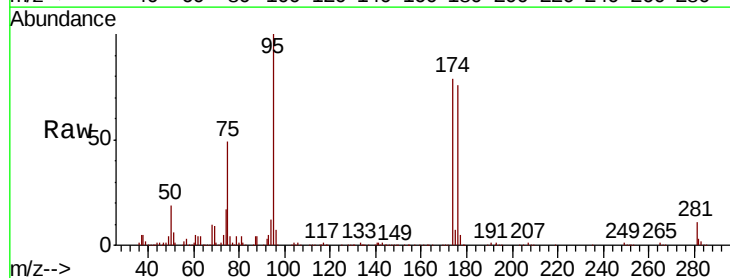
Tgt Ion: 95 Resp: 184831

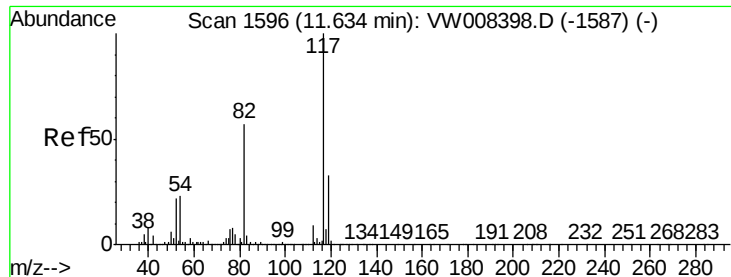
Ion Ratio Lower Upper

95 100

174 83.9 0.0 157.6

176 81.2 0.0 151.8

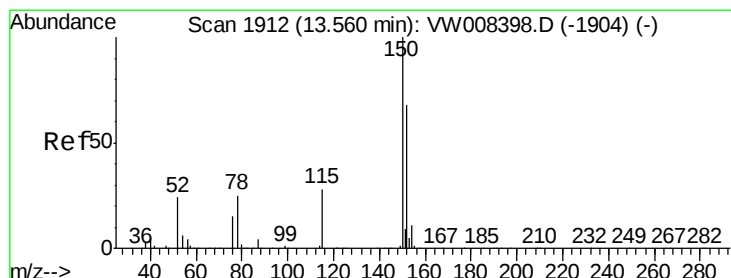
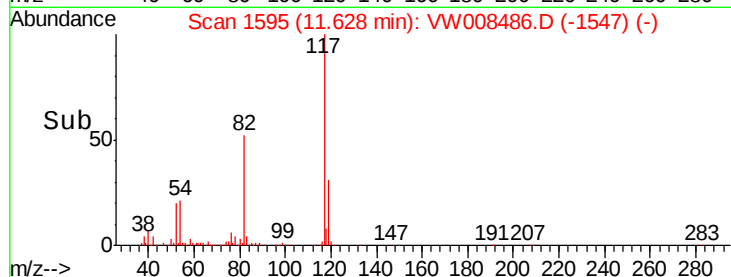
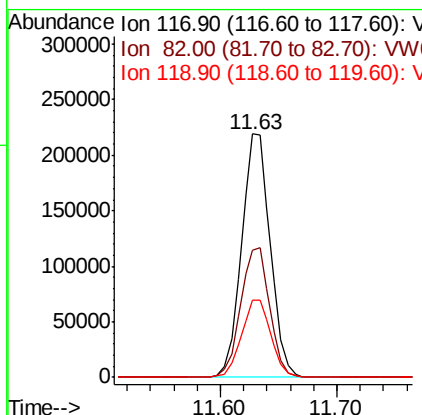
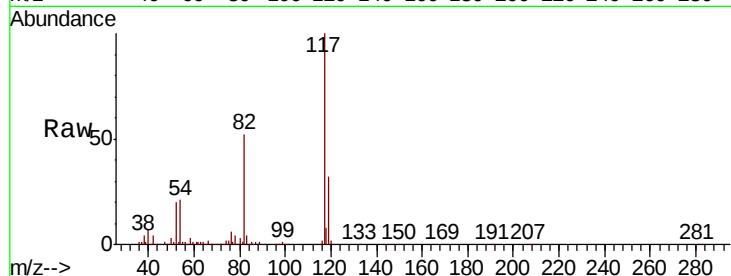




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW008486.D
Acq: 01 Feb 2019 17:17

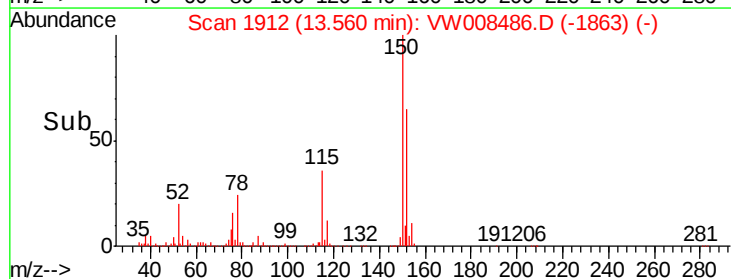
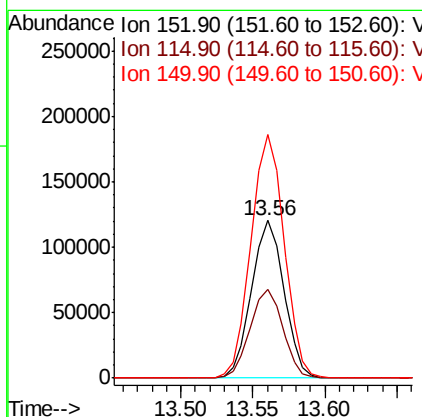
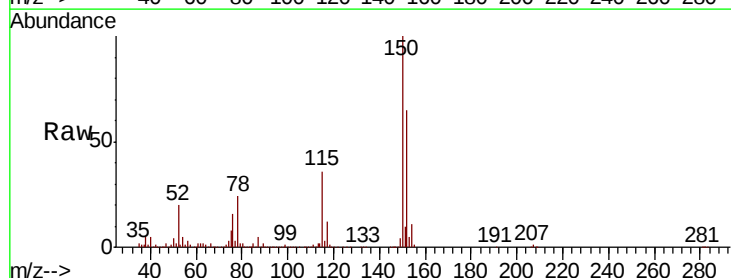
Instrument :
MSVOA_W
ClientSampleId :
A0C4-SS1

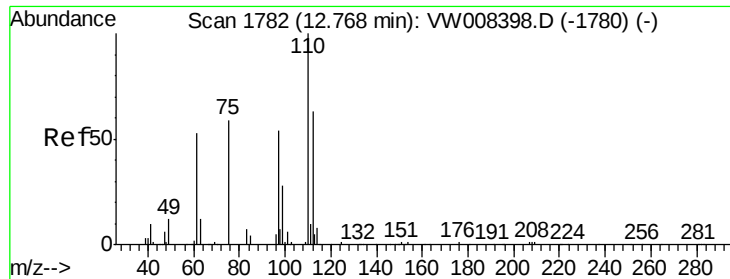
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.3	45.4	68.0
119	31.4	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008486.D
Acq: 01 Feb 2019 17:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	29.9	89.7
150	157.4	0.0	351.4





#76

1,2,3-Trichloropropane

Concen: 55.812 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008486.D

Acq: 01 Feb 2019 17:17

Instrument :

MSVOA_W

ClientSampleId :

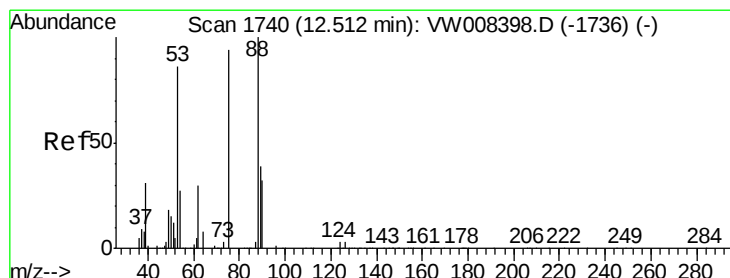
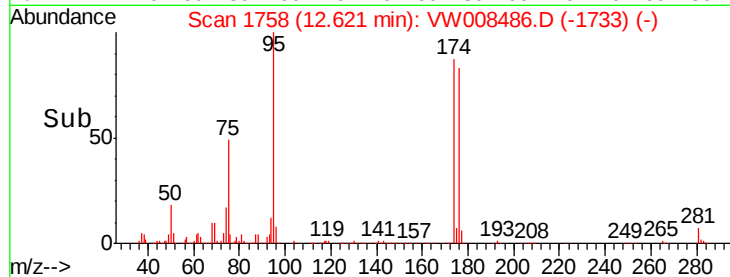
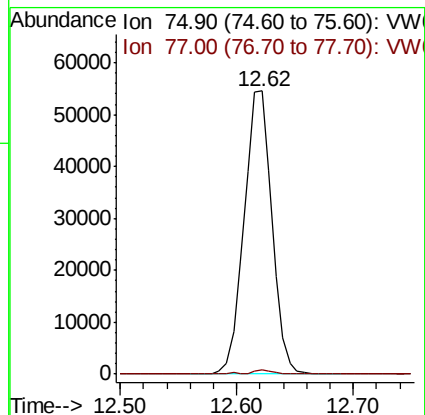
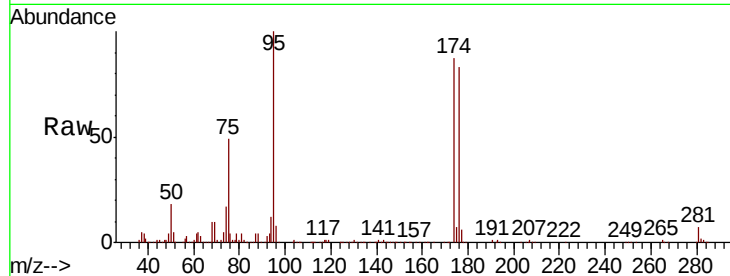
A0C4-SS1

Tgt Ion: 75 Resp: 91306

Ion Ratio Lower Upper

75 100

77 1.2 180.7 542.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 110.233 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008486.D

Acq: 01 Feb 2019 17:17

Tgt Ion: 75 Resp: 91306

Ion Ratio Lower Upper

75 100

53 0.0 76.0 114.0#

89 0.0 35.4 53.0#

