

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012819\
 Data File : VW008431.D
 Acq On : 28 Jan 2019 11:17
 Operator : SY/VA
 Sample : VW0128SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0128SBL01

Quant Time: Jan 29 04:11:50 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	467379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	752404	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	669057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	334464	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	235030	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
35) Dibromofluoromethane	7.88	113	230508	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
50) Toluene-d8	10.32	98	896675	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
62) 4-Bromofluorobenzene	12.62	95	331142	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	

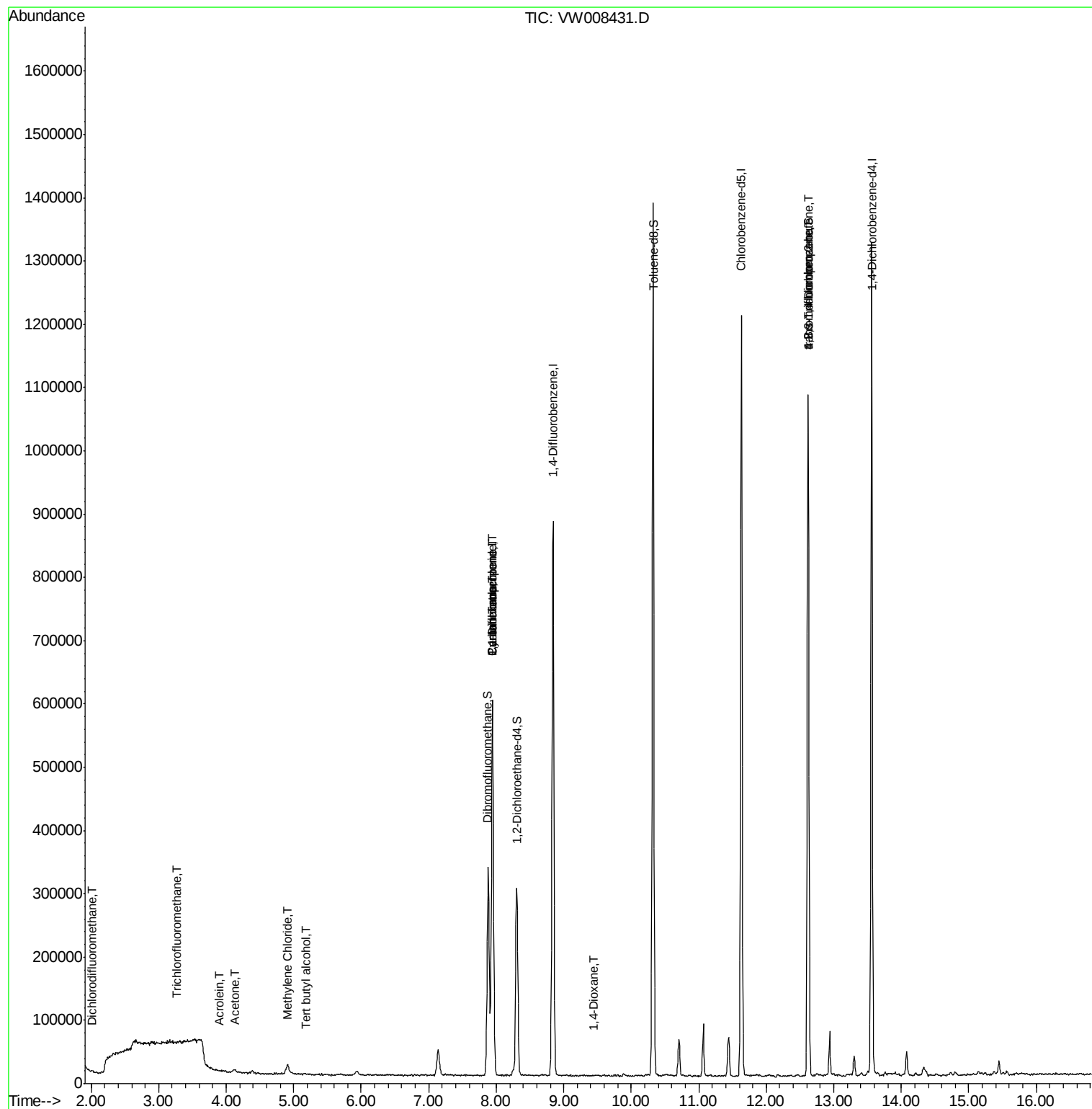
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.02	85	4118	4.678	ug/l	74
7) Trichlorofluoromethane	3.27	101	268	4.782	ug/l #	33
11) Tert butyl alcohol	5.18	59	1238	3.349	ug/l #	55
13) Acrolein	3.90	56	228	4.873	ug/l #	1
16) Acetone	4.12	43	8523	8.266	ug/l	97
20) Methylene Chloride	4.91	84	10169	2.140	ug/l	91
31) Cyclohexane	7.95	56	9977	1.107	ug/l #	3
36) 1,1-Dichloropropene	7.95	75	34252	4.819	ug/l #	51
38) Carbon Tetrachloride	7.94	117	43354	6.062	ug/l #	16
49) 1,4-Dioxane	9.44	88	51	1.193	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	167666	57.658	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	167666	113.879	ug/l #	12

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

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Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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Quant Title : SW846 8260
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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: VW008431.D

Acq: 28 Jan 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

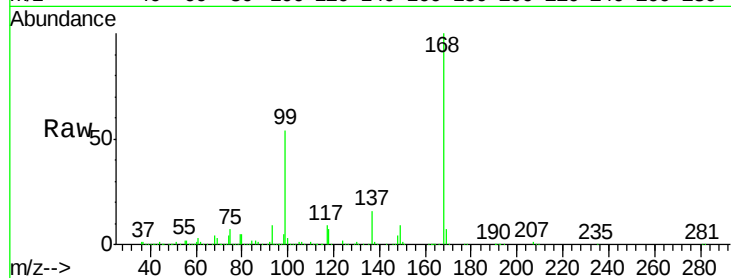
VW0128SBL01

Tgt Ion:168 Resp: 467379

Ion Ratio Lower Upper

168 100

99 54.1 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

200000

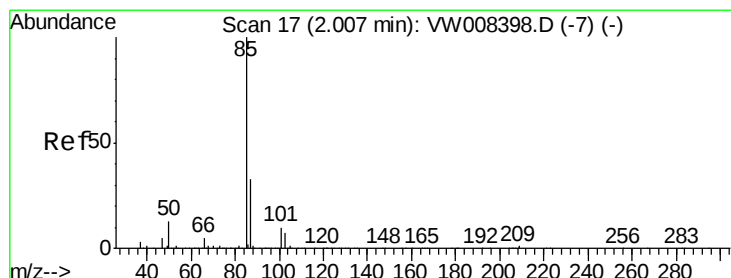
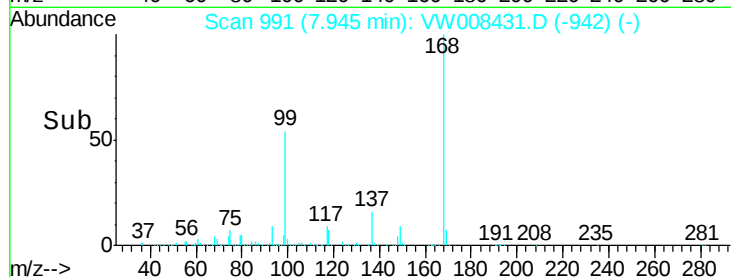
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 4.678 ug/l

RT: 2.02 min Scan# 19

Delta R.T. 0.01 min

Lab File: VW008431.D

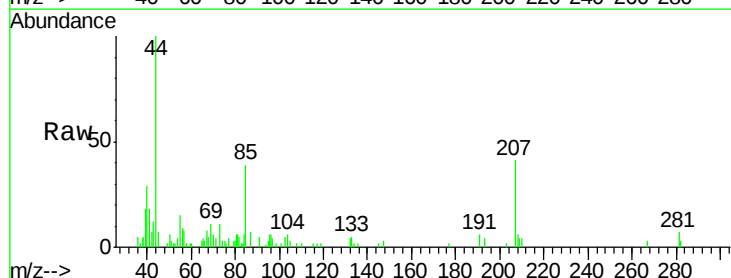
Acq: 28 Jan 2019 11:17

Tgt Ion: 85 Resp: 4118

Ion Ratio Lower Upper

85 100

87 18.9 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.02

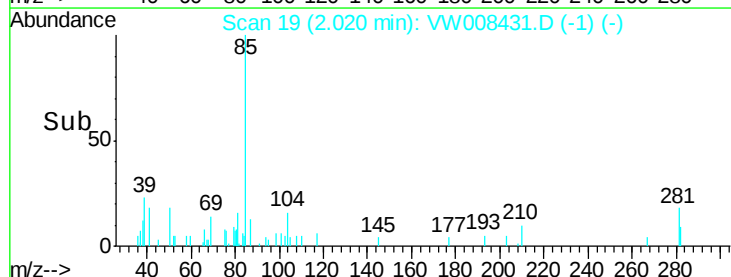
1500

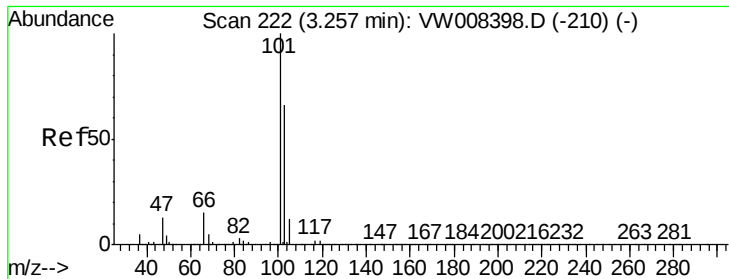
1000

500

0

Time--> 1.95 2.00 2.05 2.10



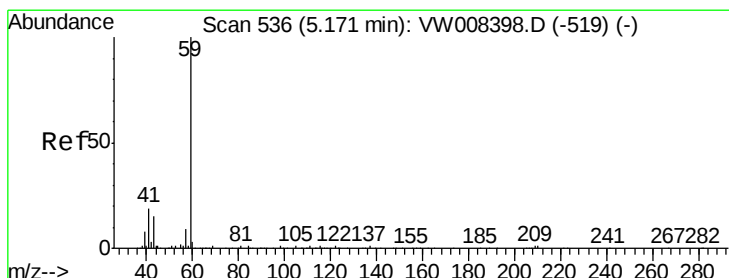
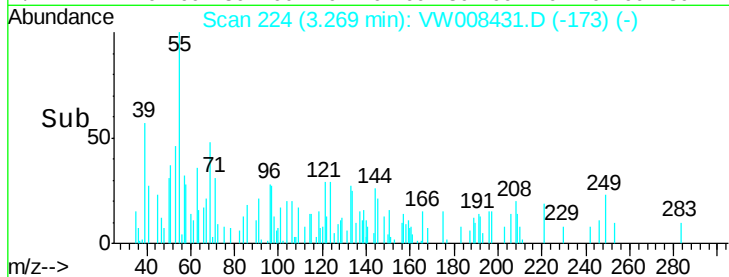
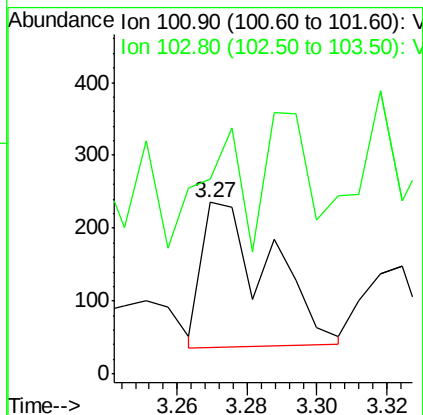
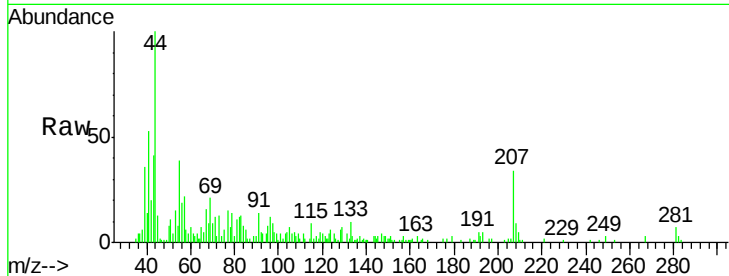


#7

Trichlorofluoromethane
Concen: 4.782 ug/l
RT: 3.27 min Scan# 224
Delta R.T. 0.01 min
Lab File: VW008431.D
Acq: 28 Jan 2019 11:17

Instrument :
MSVOA_W
ClientSampleId :
VW0128SBL01

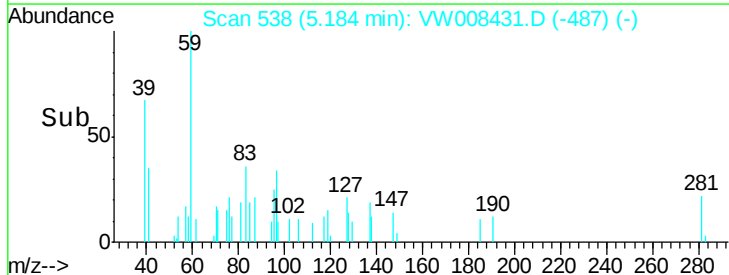
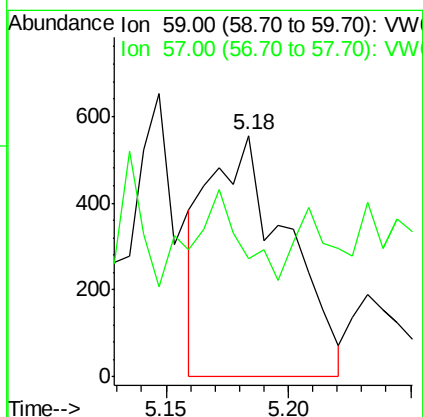
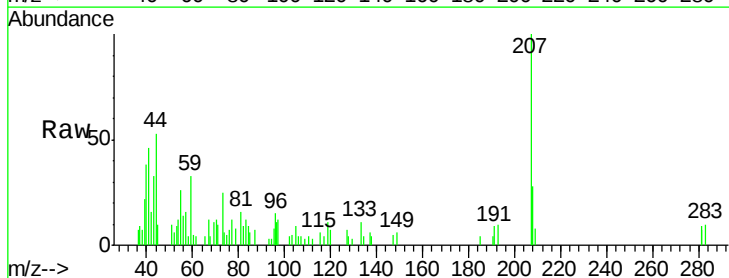
Tgt Ion:101 Resp: 268
Ion Ratio Lower Upper
101 100
103 12.5 52.5 78.7#

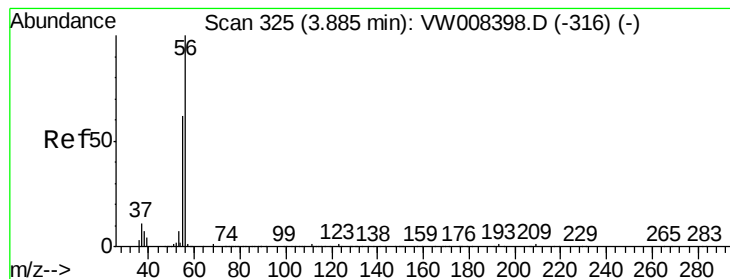


#11

Tert butyl alcohol
Concen: 3.349 ug/l
RT: 5.18 min Scan# 538
Delta R.T. 0.01 min
Lab File: VW008431.D
Acq: 28 Jan 2019 11:17

Tgt Ion: 59 Resp: 1238
Ion Ratio Lower Upper
59 100
57 28.8 9.3 13.9#





#13

Acrolein

Concen: 4.873 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW008431.D

Acq: 28 Jan 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

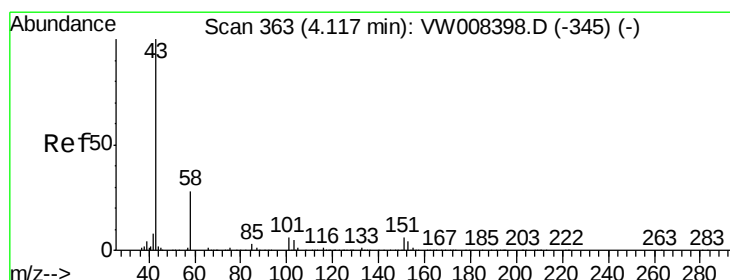
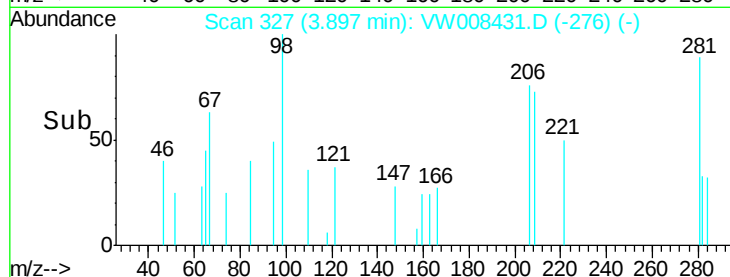
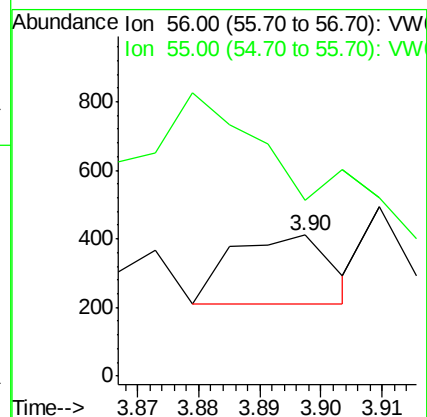
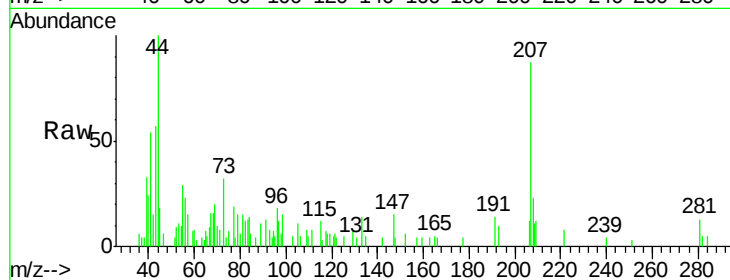
VW0128SBL01

Tgt Ion: 56 Resp: 228

Ion Ratio Lower Upper

56 100

55 275.0 56.7 85.1#



#16

Acetone

Concen: 8.266 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008431.D

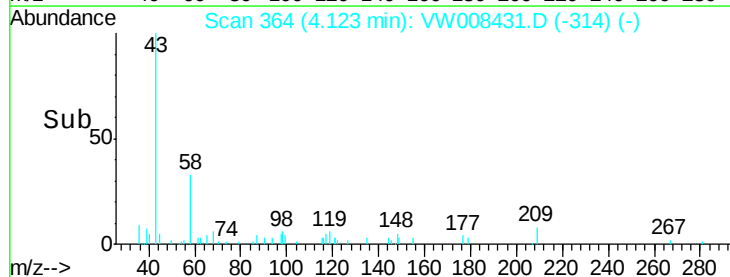
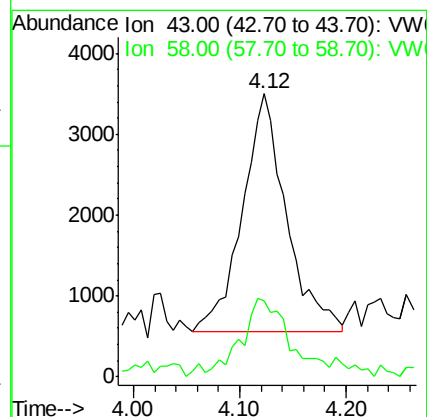
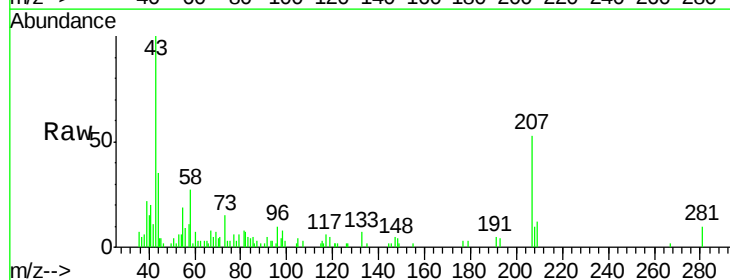
Acq: 28 Jan 2019 11:17

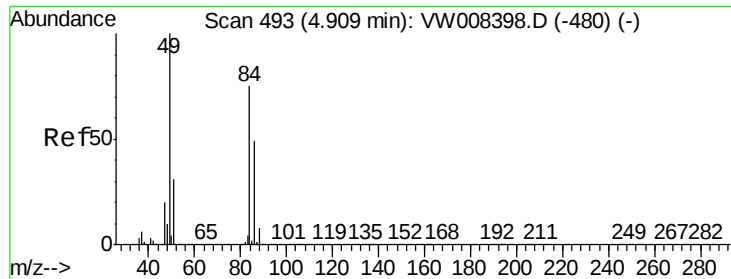
Tgt Ion: 43 Resp: 8523

Ion Ratio Lower Upper

43 100

58 29.9 22.6 34.0

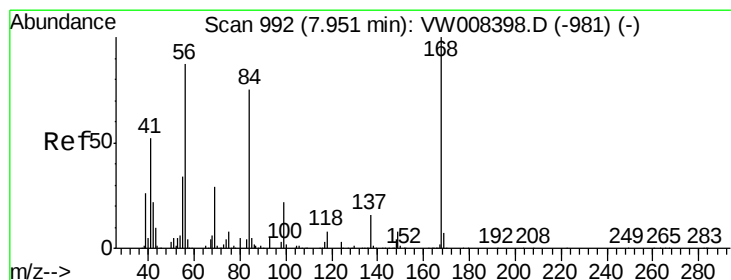
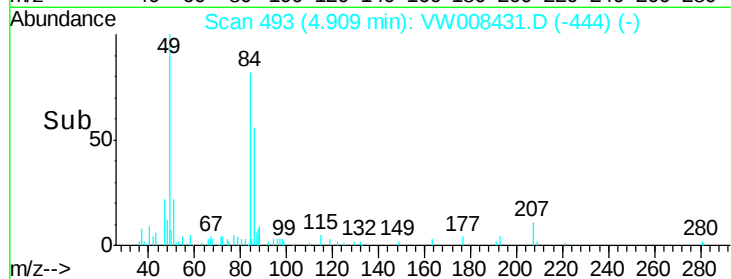
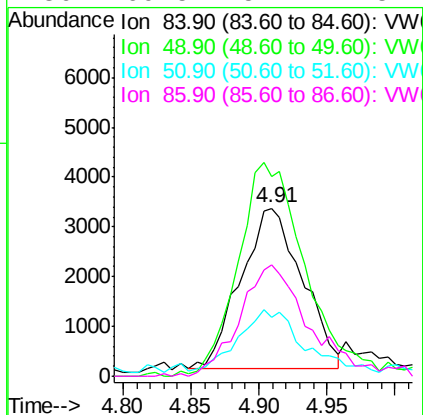
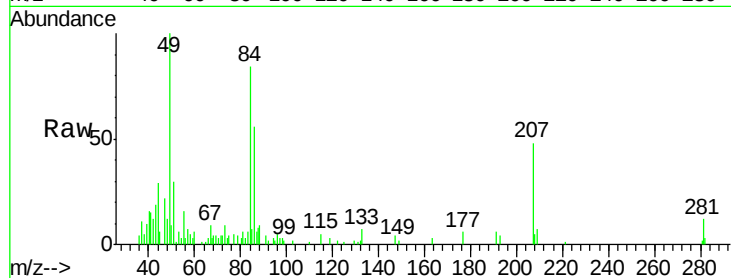




#20
Methylene Chloride
Concen: 2.140 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008431.D
Acq: 28 Jan 2019 11:17

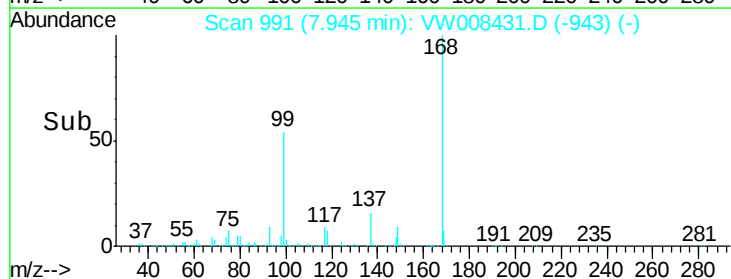
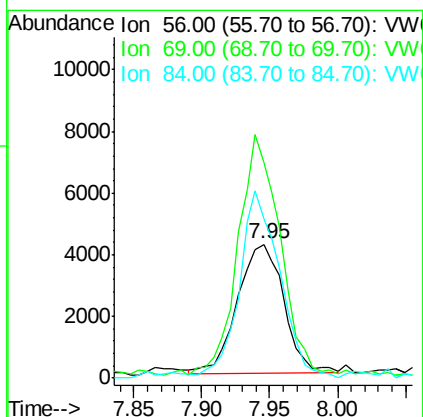
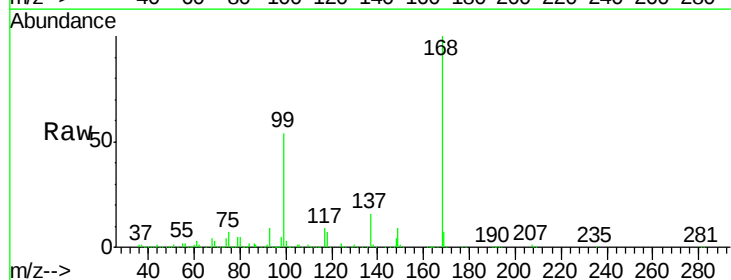
Instrument :
MSVOA_W
ClientSampleId :
VW0128SBL01

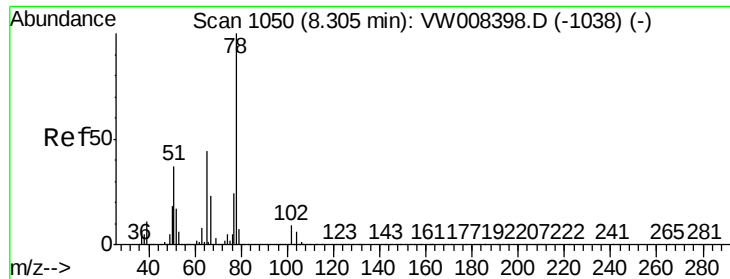
Tgt Ion:	84	Resp:	10169
Ion	Ratio	Lower	Upper
84	100		
49	122.5	106.8	160.2
51	33.3	32.9	49.3
86	69.5	52.2	78.2



#31
Cyclohexane
Concen: 1.107 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008431.D
Acq: 28 Jan 2019 11:17

Tgt Ion:	56	Resp:	9977
Ion	Ratio	Lower	Upper
56	100		
69	167.8	26.4	39.6#
84	125.6	69.1	103.7#

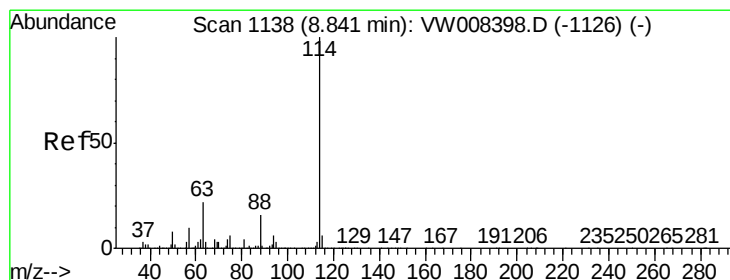
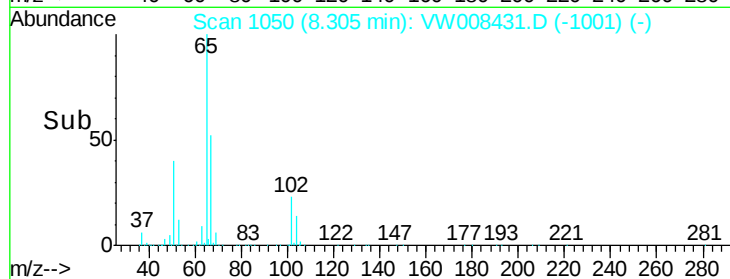
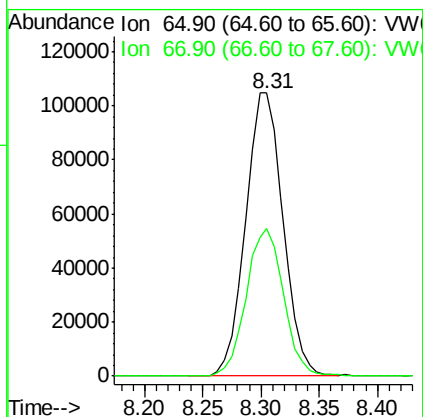
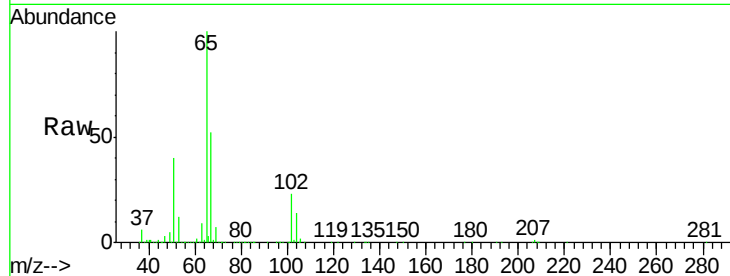




#33
 1,2-Dichloroethane-d4
 Concen: 51.187 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008431.D
 Acq: 28 Jan 2019 11:17

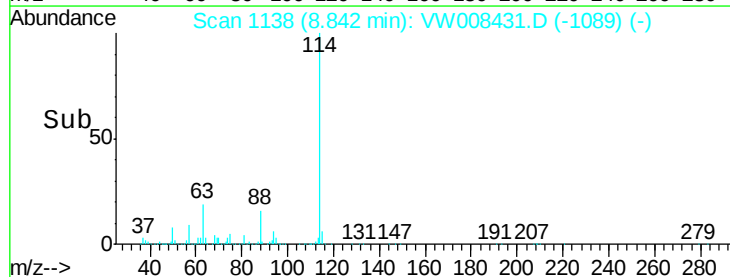
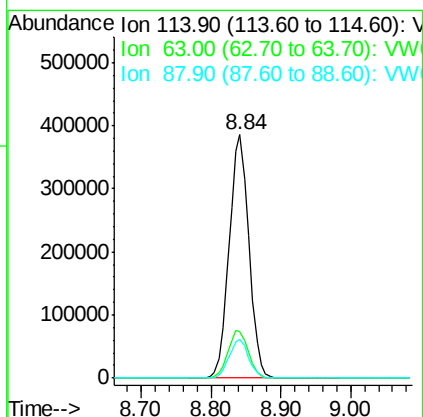
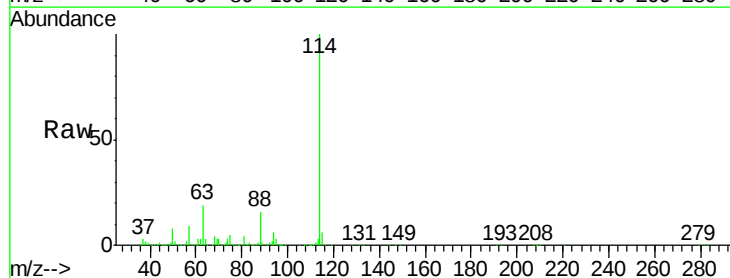
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0128SBL01

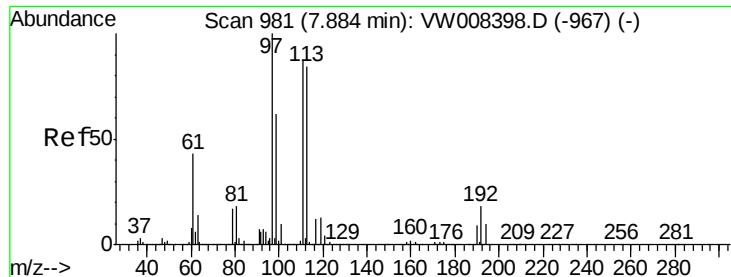
Tgt Ion: 65 Resp: 235030
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008431.D
 Acq: 28 Jan 2019 11:17

Tgt Ion: 114 Resp: 752404
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 43.6
 88 15.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.393 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008431.D

Acq: 28 Jan 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

VW0128SBL01

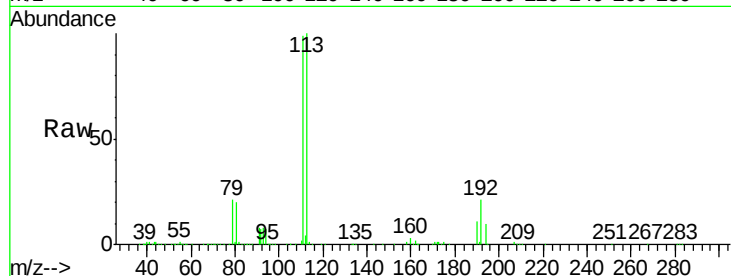
Tgt Ion:113 Resp: 230508

Ion Ratio Lower Upper

113 100

111 102.1 81.0 121.4

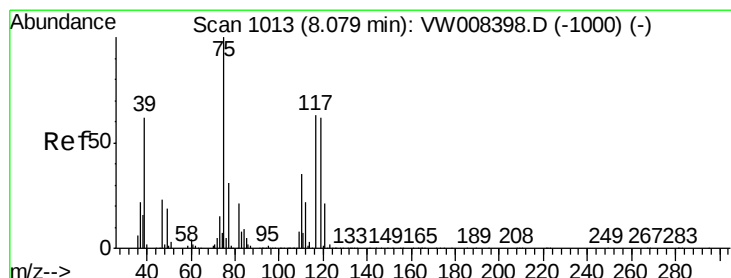
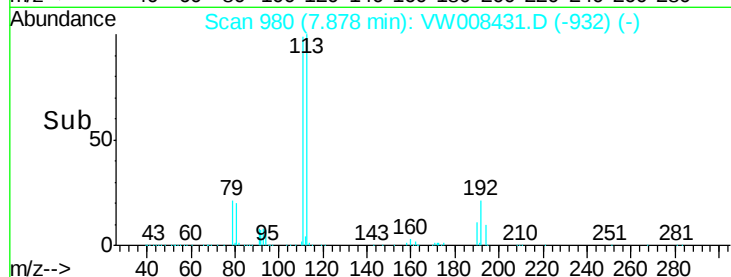
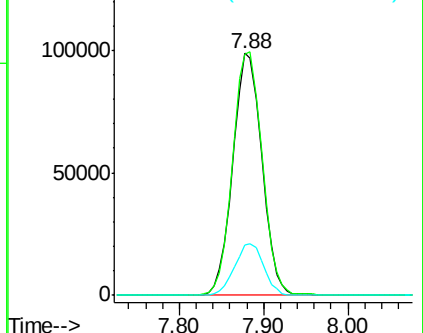
192 21.5 16.8 25.2



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: 4.819 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW008431.D

Acq: 28 Jan 2019 11:17

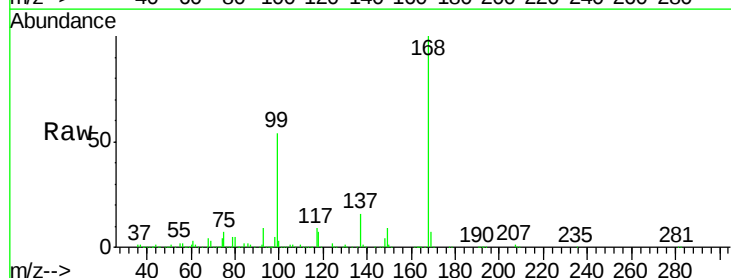
Tgt Ion: 75 Resp: 34252

Ion Ratio Lower Upper

75 100

110 9.6 17.3 52.0#

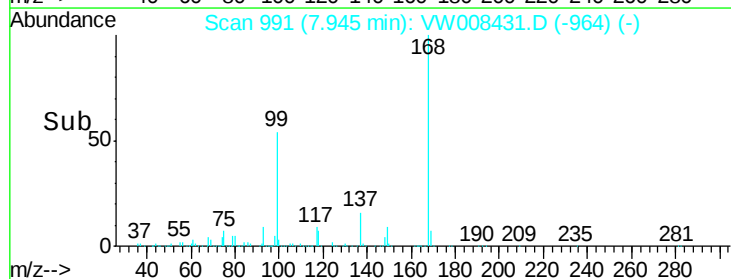
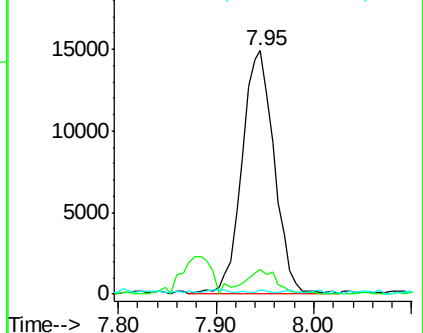
77 0.5 24.7 37.1#

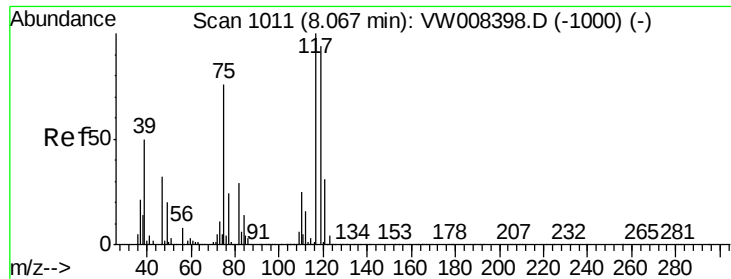


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

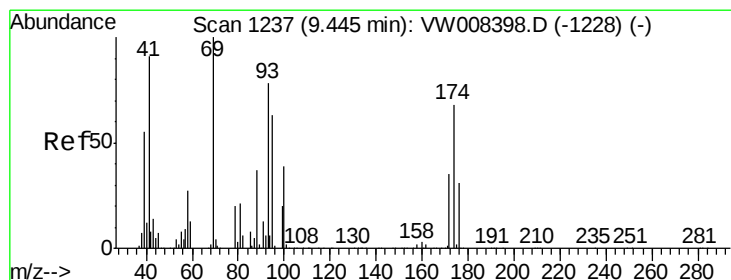
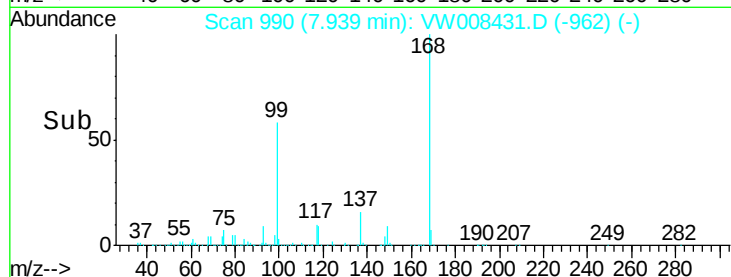
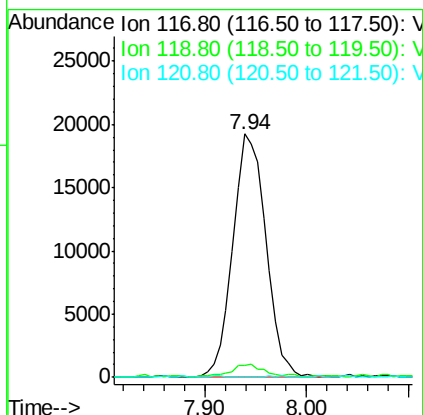
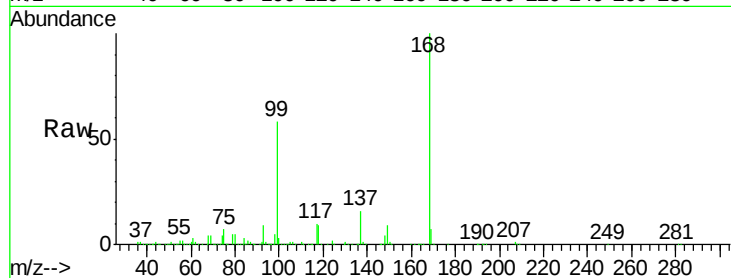




#38
Carbon Tetrachloride
Concen: 6.062 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW008431.D
Acq: 28 Jan 2019 11:17

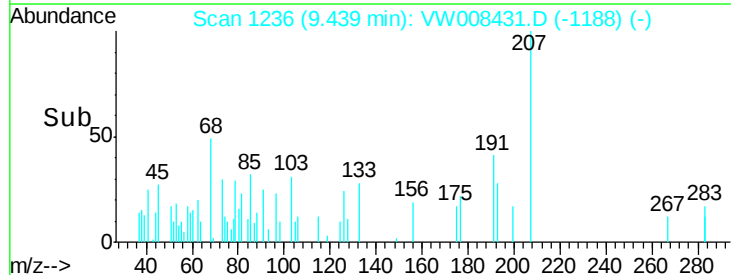
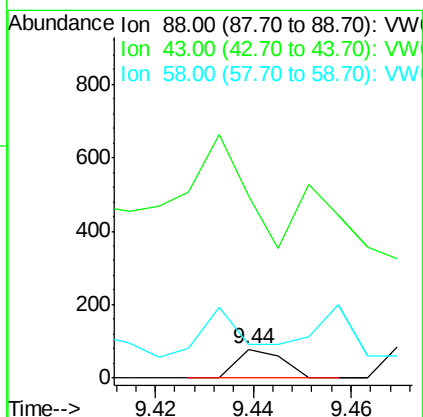
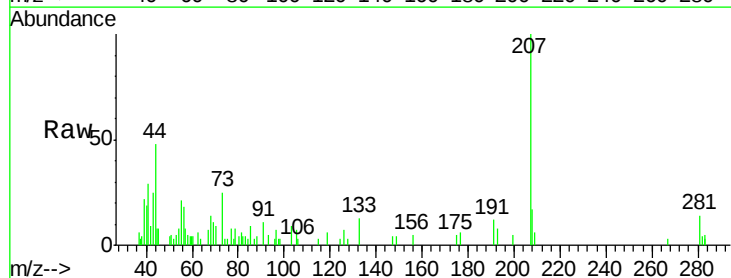
Instrument :
MSVOA_W
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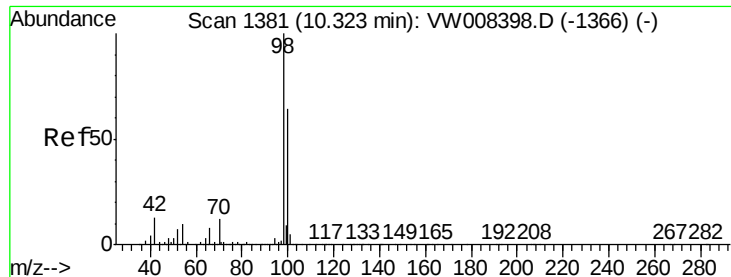
Tgt Ion:117 Resp: 43354
Ion Ratio Lower Upper
117 100
119 4.5 75.0 112.4#
121 0.0 24.9 37.3#



#49
1,4-Dioxane
Concen: 1.193 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VW008431.D
Acq: 28 Jan 2019 11:17

Tgt Ion: 88 Resp: 51
Ion Ratio Lower Upper
88 100
43 678.4 29.0 43.4#
58 327.5 56.4 84.6#





#50

Toluene-d8

Concen: 50.825 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008431.D

Acq: 28 Jan 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

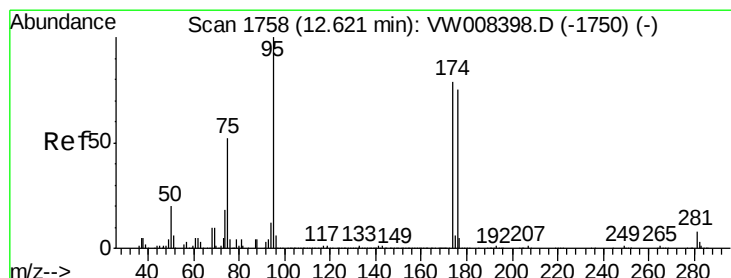
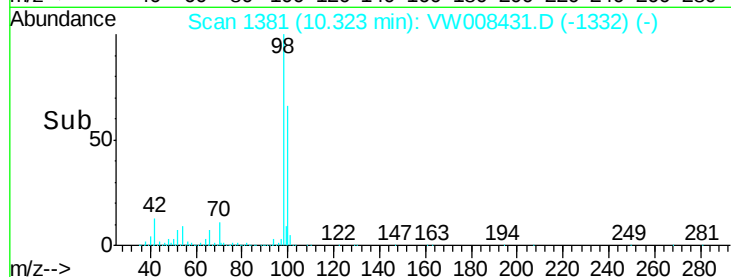
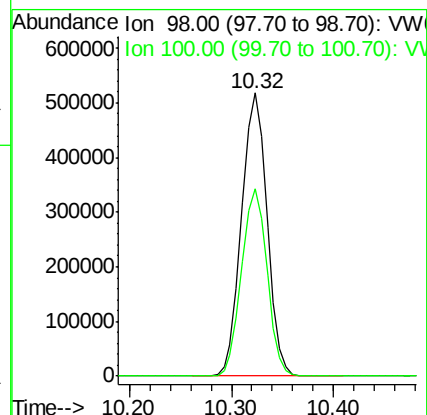
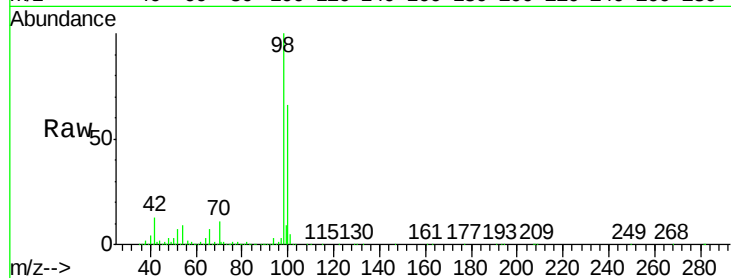
VW0128SBL01

Tgt Ion: 98 Resp: 896675

Ion Ratio Lower Upper

98 100

100 66.4 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 48.830 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008431.D

Acq: 28 Jan 2019 11:17

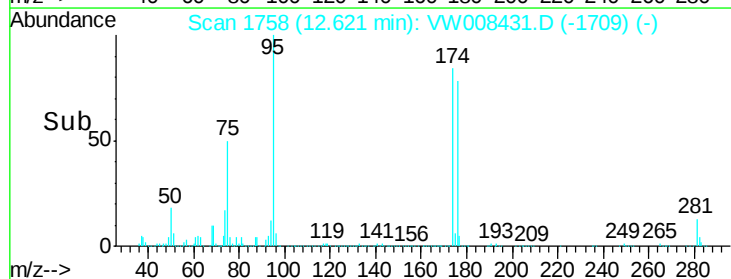
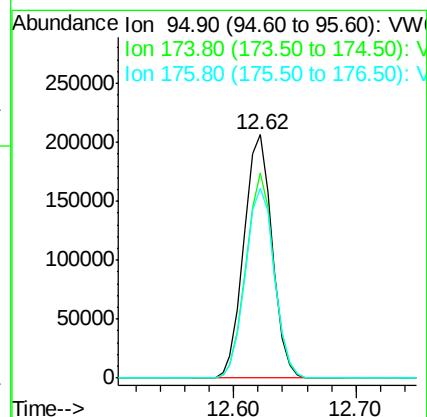
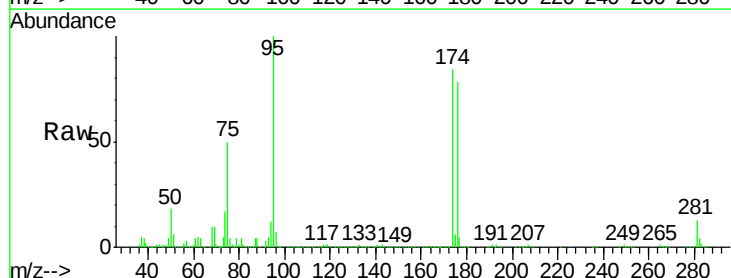
Tgt Ion: 95 Resp: 331142

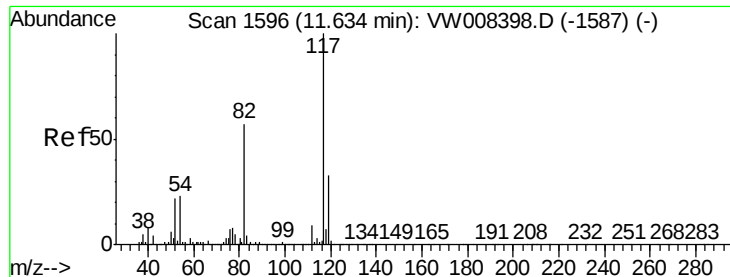
Ion Ratio Lower Upper

95 100

174 82.9 0.0 157.6

176 80.2 0.0 151.8

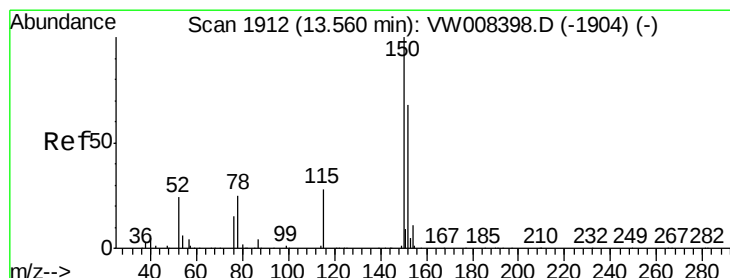
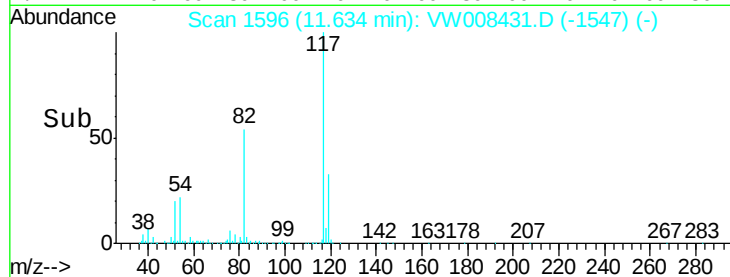
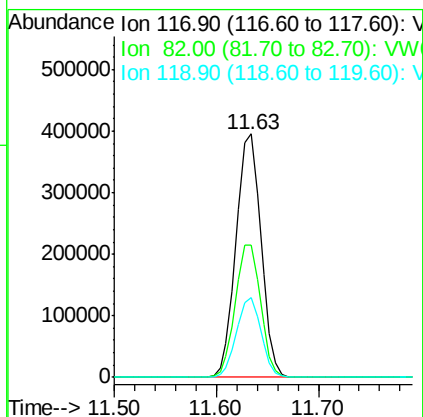
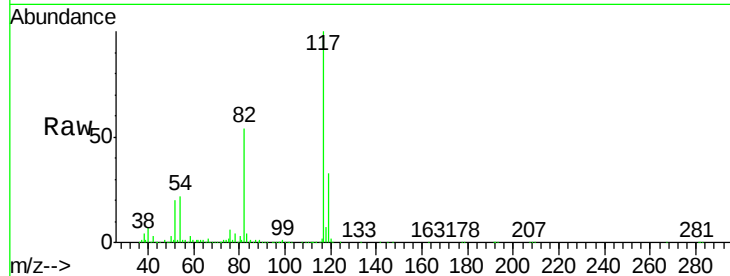




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008431.D
Acq: 28 Jan 2019 11:17

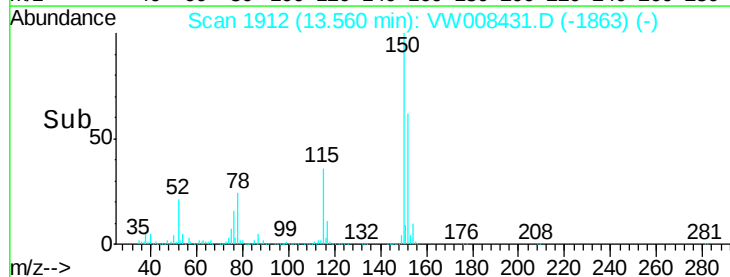
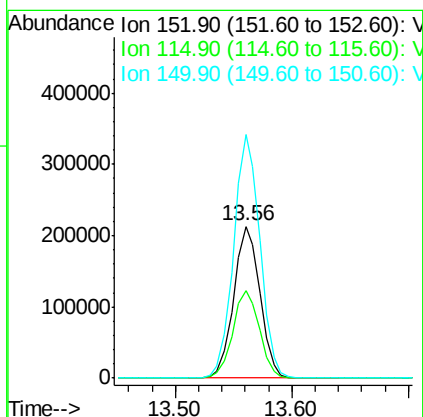
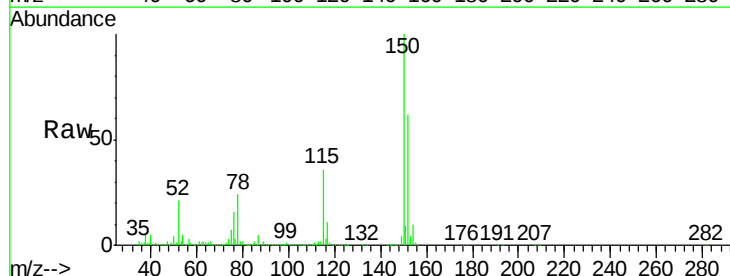
Instrument :
MSVOA_W
ClientSampleId :
VW0128SBL01

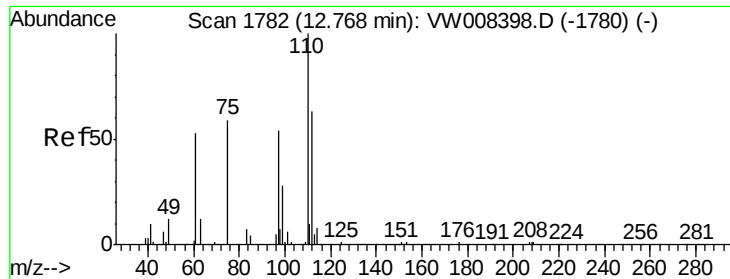
Tgt Ion:117 Resp: 669057
Ion Ratio Lower Upper
117 100
82 54.3 45.4 68.0
119 32.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008431.D
Acq: 28 Jan 2019 11:17

Tgt Ion:152 Resp: 334464
Ion Ratio Lower Upper
152 100
115 58.3 29.9 89.7
150 160.4 0.0 351.4





#76

1,2,3-Trichloropropane

Concen: 57.658 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008431.D

Acq: 28 Jan 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

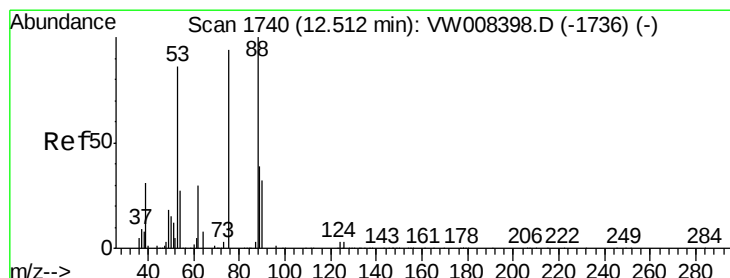
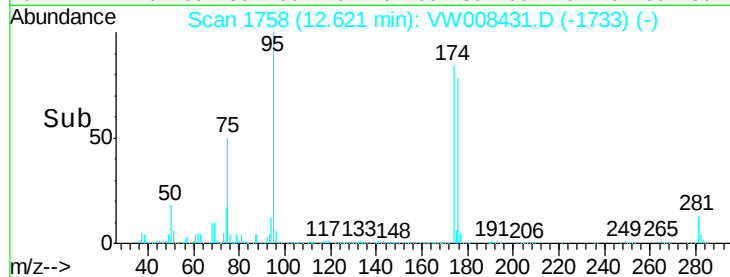
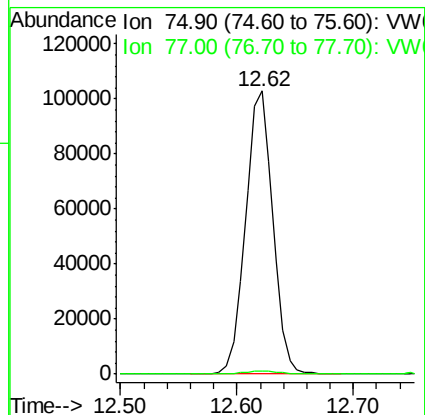
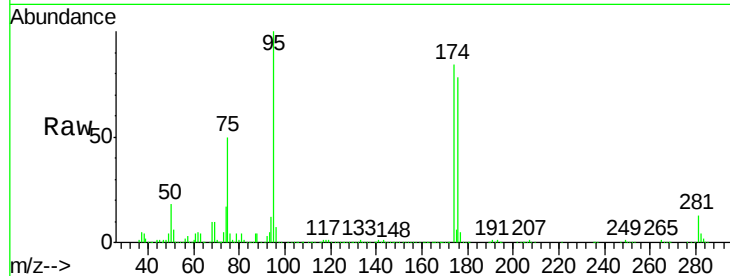
VW0128SBL01

Tgt Ion: 75 Resp: 167666

Ion Ratio Lower Upper

75 100

77 1.5 180.7 542.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 113.879 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008431.D

Acq: 28 Jan 2019 11:17

Tgt Ion: 75 Resp: 167666

Ion Ratio Lower Upper

75 100

53 0.2 76.0 114.0#

89 0.2 35.4 53.0#

