

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020719\
 Data File : VW008556.D
 Acq On : 07 Feb 2019 16:49
 Operator : SY/VA
 Sample : K1390-06
 Misc : 4.45G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-05(0-2)

Quant Time: Feb 08 22:42:20 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	733269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1220932	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1051777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	429089	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	443362	61.55	ug/l	0.00
Spiked Amount			Recovery	=	123.10%	
35) Dibromofluoromethane	7.88	113	387842	54.33	ug/l	0.00
Spiked Amount			Recovery	=	108.66%	
50) Toluene-d8	10.32	98	1464269	51.15	ug/l	0.00
Spiked Amount			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.62	95	513290	46.64	ug/l	0.00
Spiked Amount			Recovery	=	93.28%	

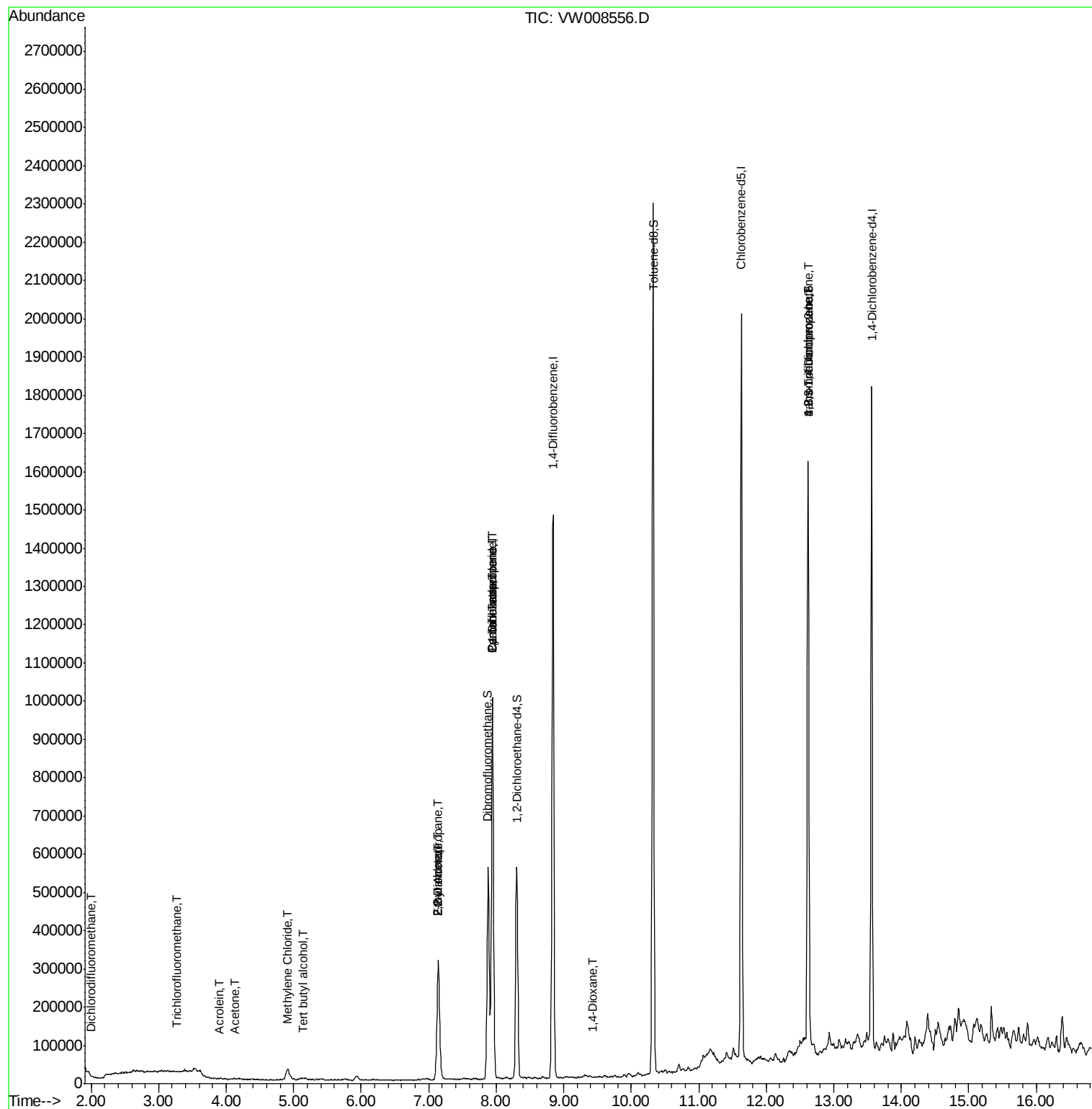
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	191	3.295	ug/l #	41
7) Trichlorofluoromethane	3.27	101	221	4.755	ug/l #	54
11) Tert butyl alcohol	5.14	59	650	1.121	ug/l #	92
13) Acrolein	3.90	56	222	4.612	ug/l #	14
16) Acetone	4.12	43	6811	4.210	ug/l	97
20) Methylene Chloride	4.90	84	22964	3.080	ug/l #	85
25) 2-Butanone	7.15	43	18088	8.050	ug/l #	74
26) 2,2-Dichloropropane	7.13	77	20506	2.219	ug/l #	53
31) Cyclohexane	7.94	56	17275	1.222	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	59802	5.185	ug/l #	51
37) Ethyl Acetate	7.15	43	18088	3.545	ug/l #	6
38) Carbon Tetrachloride	7.95	117	74786	6.444	ug/l #	17
49) 1,4-Dioxane	9.43	88	124	1.787	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	265776	71.242	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	265776	140.708	ug/l #	12

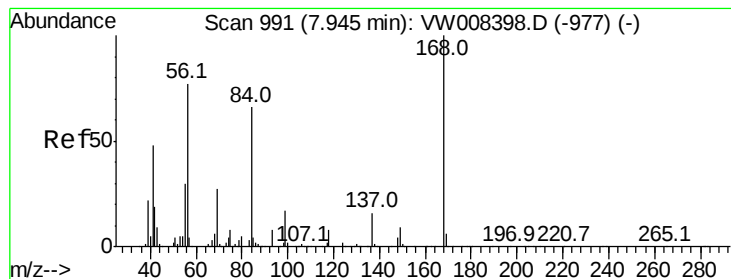
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020719\
Data File : VW008556.D
Acq On : 07 Feb 2019 16:49
Operator : SY/VA
Sample : K1390-06
Misc : 4.45G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-05(0-2)

Quant Time: Feb 08 22:42:20 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: VW008556.D

Acq: 07 Feb 2019 16:49

Instrument :

MSVOA_W

ClientSampleId :

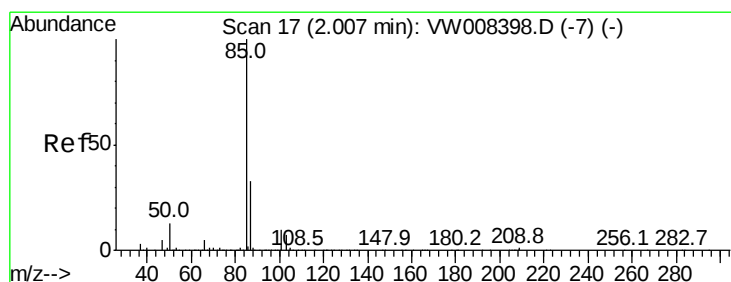
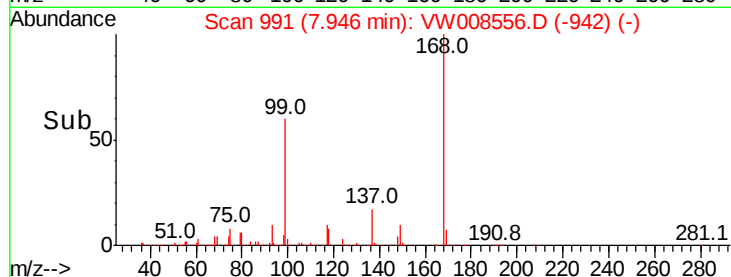
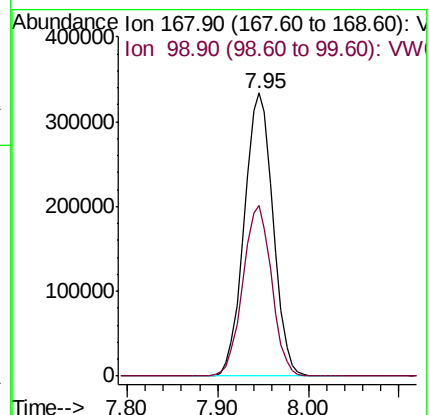
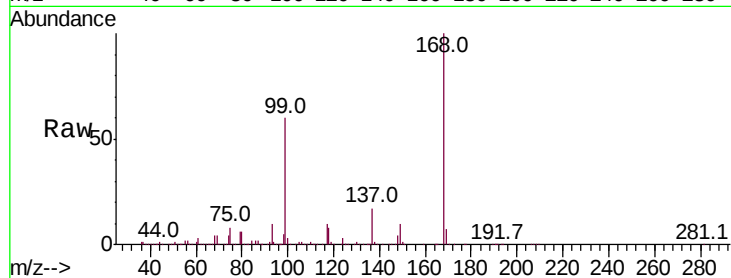
SB-05(0-2)

Tot Ion:168 Resp: 733269

Ion Ratio Lower Upper

168 100

99 60.3 45.5 68.3



#2

Dichlorodifluoromethane

Concen: 3.295 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008556.D

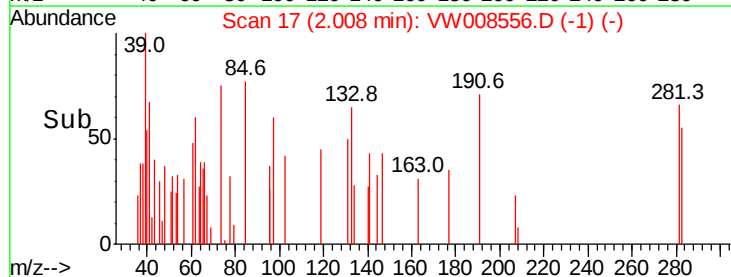
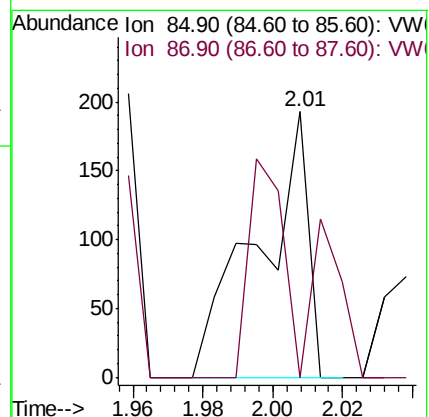
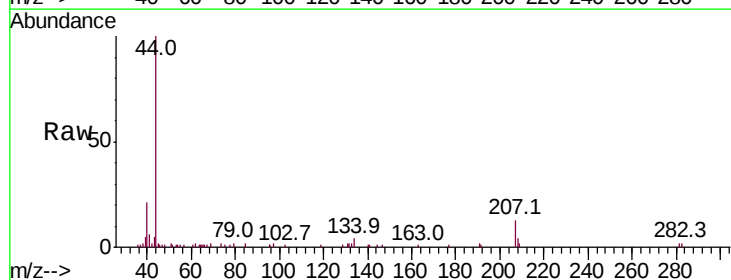
Acq: 07 Feb 2019 16:49

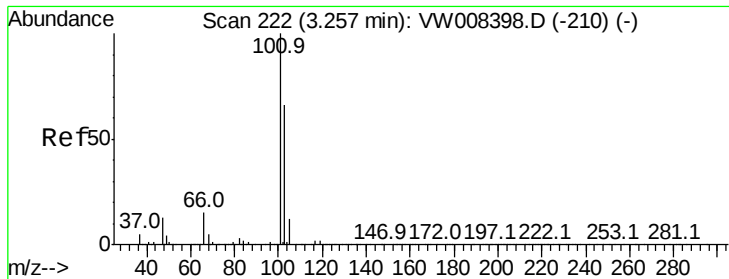
Tgt Ion: 85 Resp: 191

Ion Ratio Lower Upper

85 100

87 0.0 16.7 50.1#



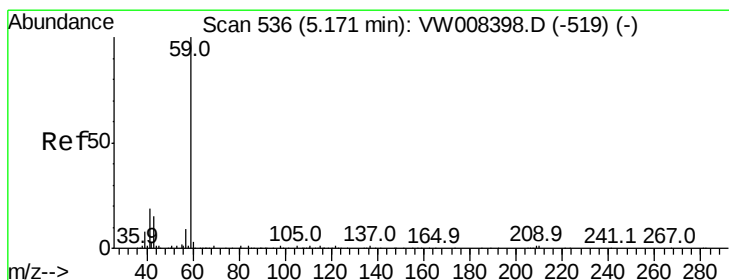
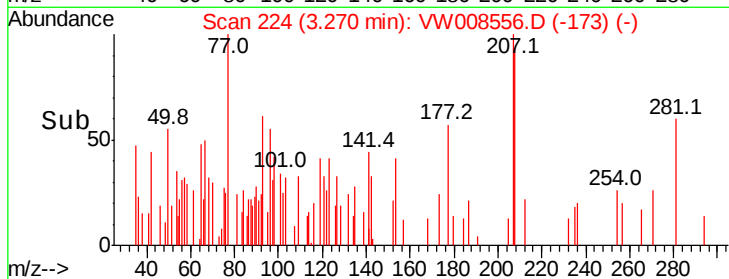
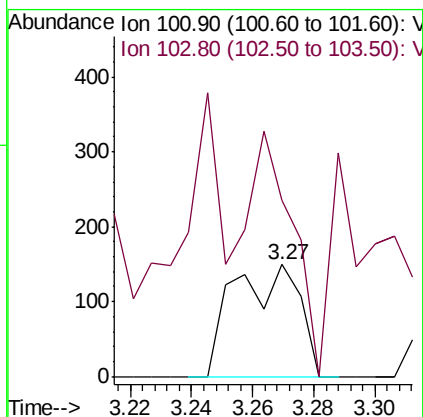
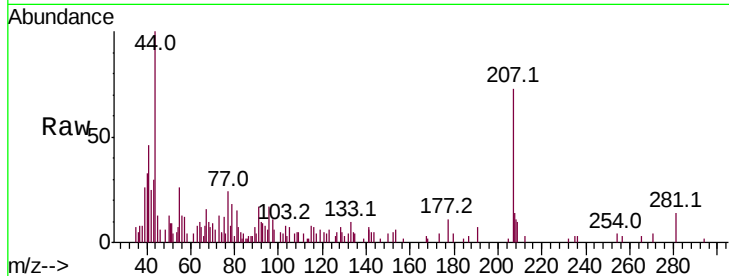


#7

Trichlorofluoromethane
Concen: 4.755 ug/l
RT: 3.27 min Scan# 224
Delta R.T. 0.01 min
Lab File: VW008556.D
Acq: 07 Feb 2019 16:49

Instrument :
MSVOA_W
ClientSampled :
SB-05(0-2)

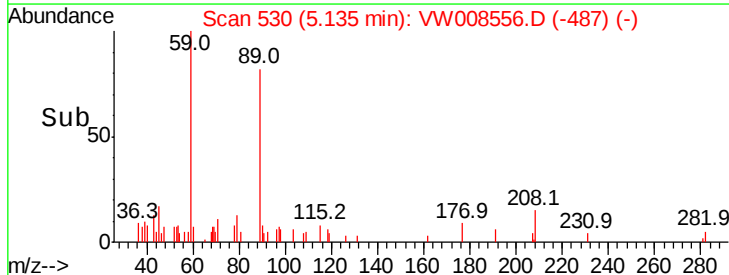
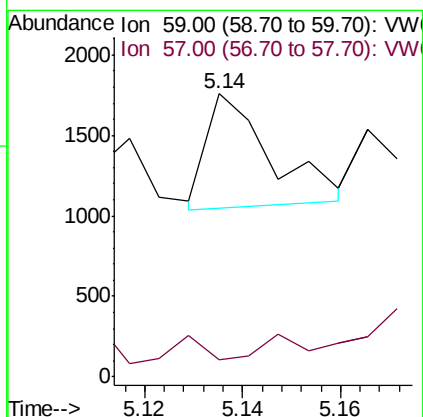
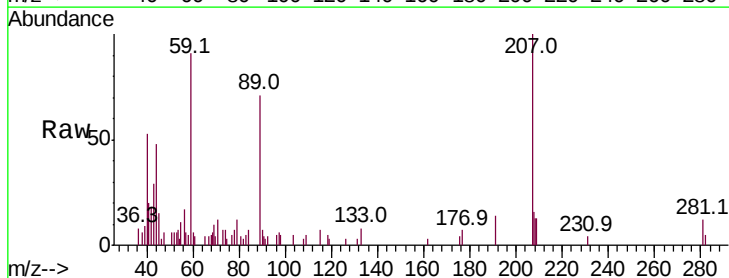
Tot Ion:101 Resp: 221
Ion Ratio Lower Upper
101 100
103 28.9 52.5 78.7#

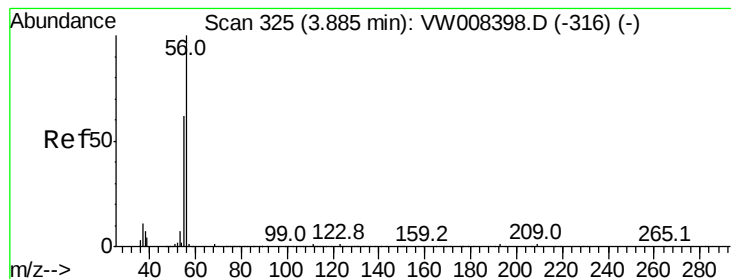


#11

Tert butyl alcohol
Concen: 1.121 ug/l
RT: 5.14 min Scan# 530
Delta R.T. -0.04 min
Lab File: VW008556.D
Acq: 07 Feb 2019 16:49

Tgt Ion: 59 Resp: 650
Ion Ratio Lower Upper
59 100
57 8.5 9.3 13.9#





#13

Acrolein

Concen: 4.612 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW008556.D

Acq: 07 Feb 2019 16:49

Instrument :

MSVOA_W

ClientSampled :

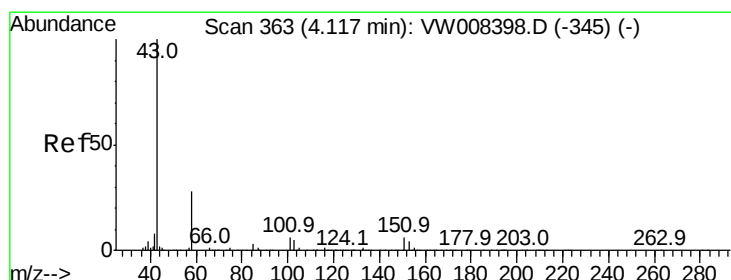
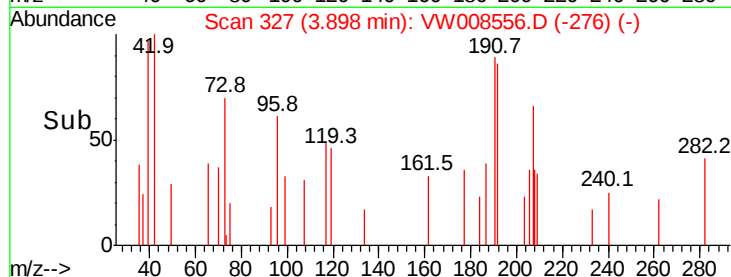
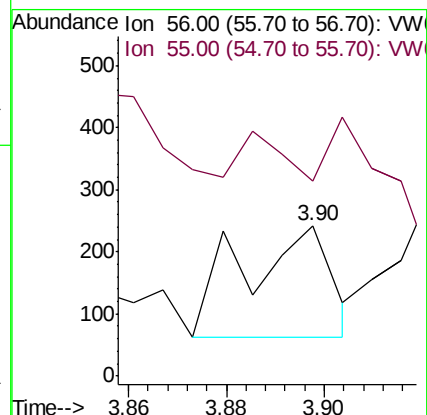
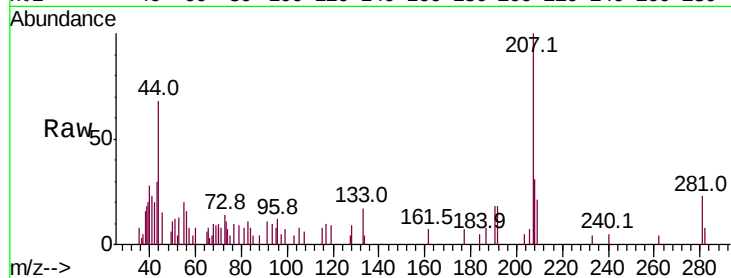
SB-05(0-2)

Tot Ion: 56 Resp: 222

Ion Ratio Lower Upper

56 100

55 0.0 56.7 85.1#



#16

Acetone

Concen: 4.210 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008556.D

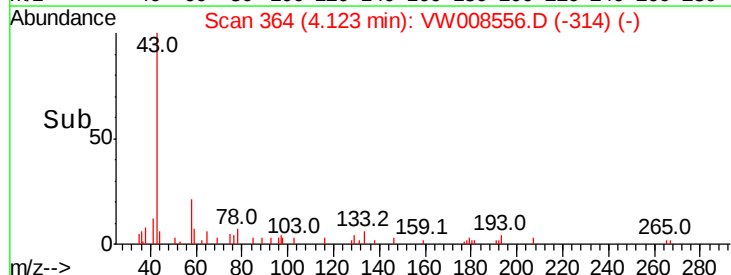
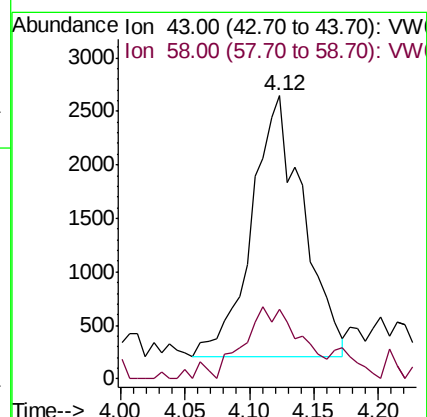
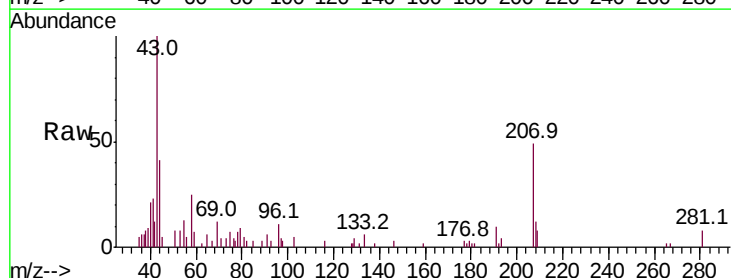
Acq: 07 Feb 2019 16:49

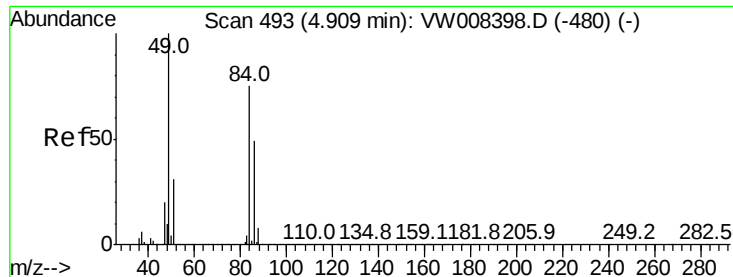
Tgt Ion: 43 Resp: 6811

Ion Ratio Lower Upper

43 100

58 26.6 22.6 34.0

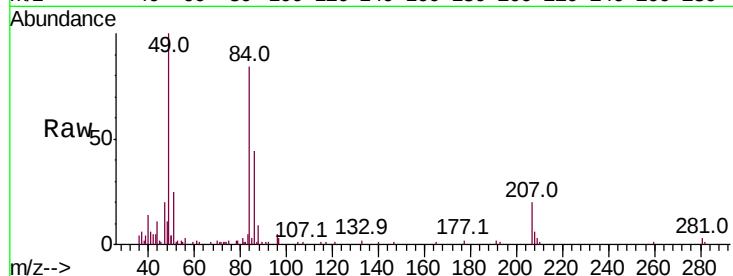




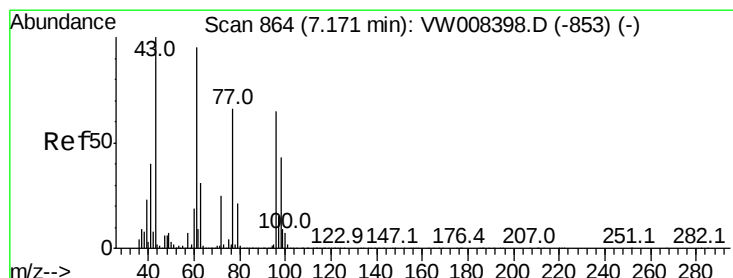
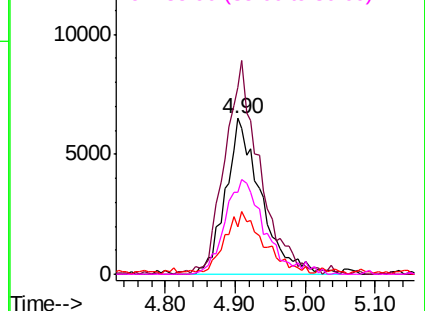
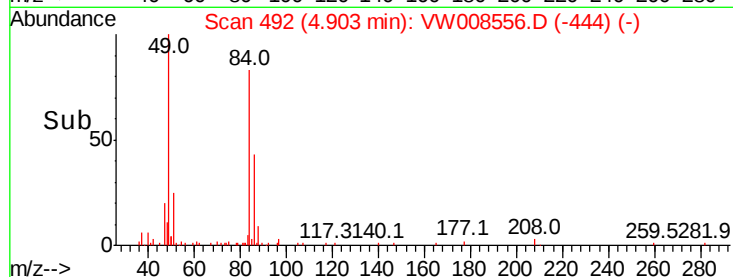
#20
Methylene Chloride
Concen: 3.080 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008556.D
Acq: 07 Feb 2019 16:49

Instrument :
MSVOA_W
ClientSampled :
SB-05(0-2)

Tot Ion: 84 Resp: 22964
Ion Ratio Lower Upper
84 100
49 118.6 106.8 160.2
51 28.9 32.9 49.3#
86 52.8 52.2 78.2

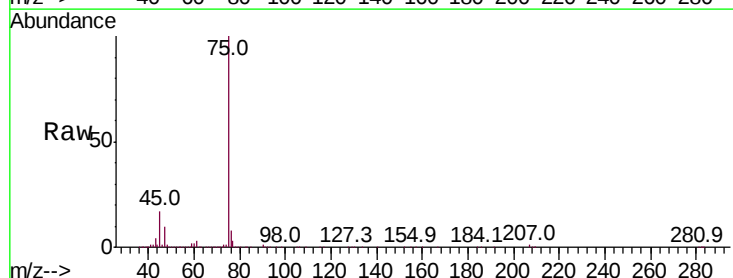


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

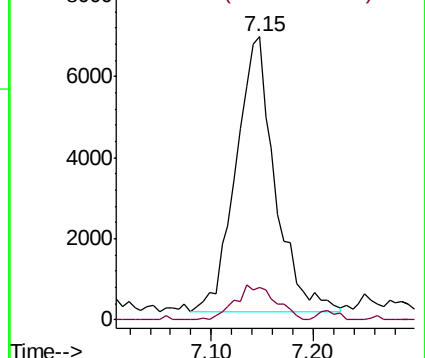
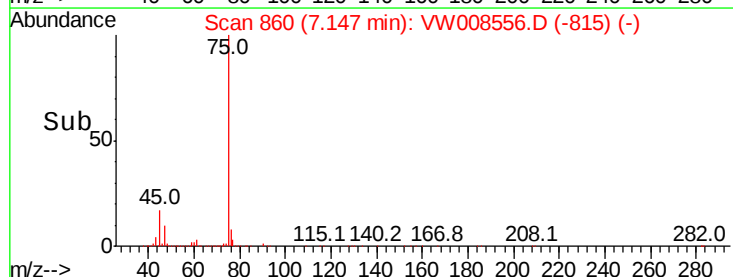


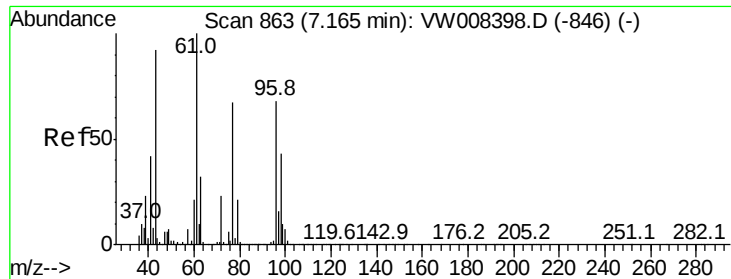
#25
2-Butanone
Concen: 8.050 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW008556.D
Acq: 07 Feb 2019 16:49

Tgt Ion: 43 Resp: 18088
Ion Ratio Lower Upper
43 100
72 11.9 20.1 30.1#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

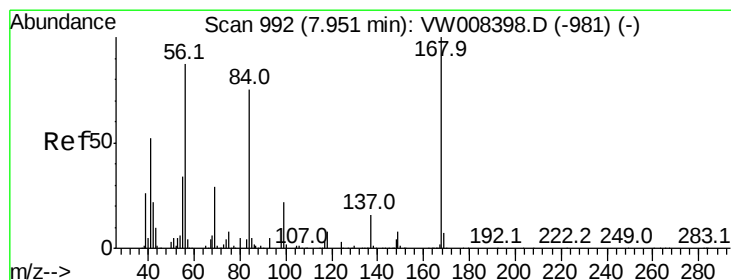
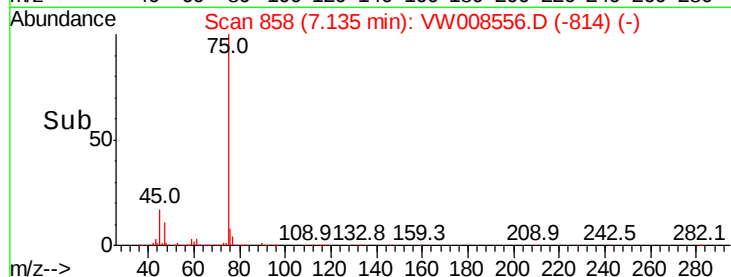
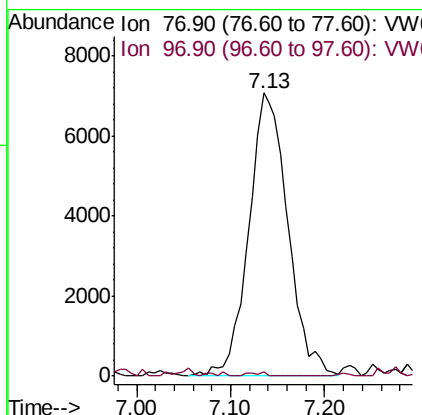
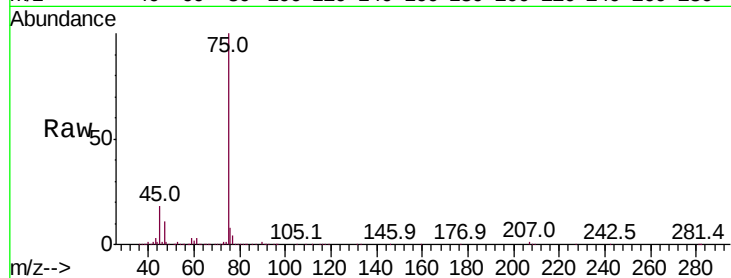




#26
2,2-Dichloropropane
Concen: 2.219 ug/l
RT: 7.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: VW008556.D
Acq: 07 Feb 2019 16:49

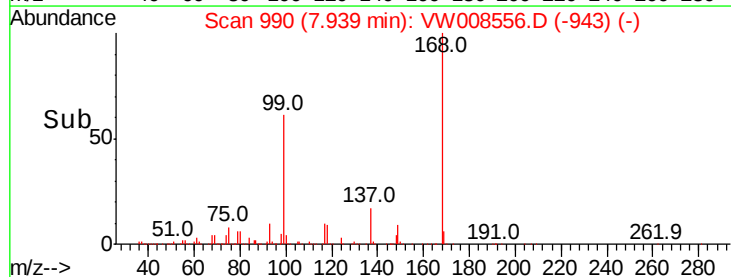
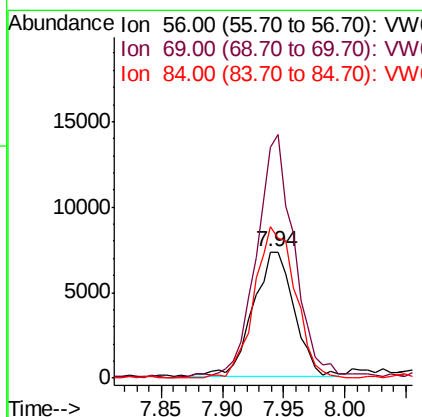
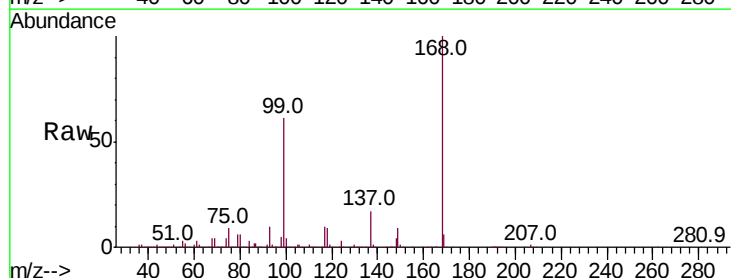
Instrument :
MSVOA_W
ClientSampleId :
SB-05(0-2)

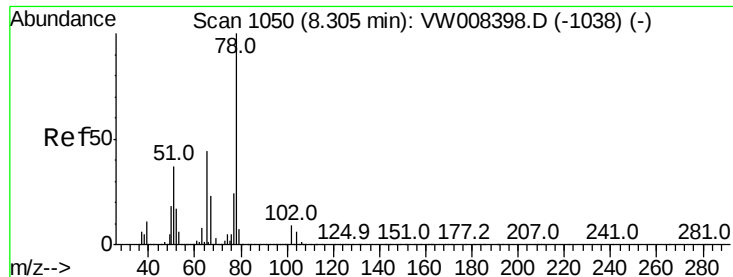
Tot Ion: 77 Resp: 20506
Ion Ratio Lower Upper
77 100
97 0.3 11.5 34.5#



#31
Cyclohexane
Concen: 1.222 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW008556.D
Acq: 07 Feb 2019 16:49

Tgt Ion: 56 Resp: 17275
Ion Ratio Lower Upper
56 100
69 183.0 26.4 39.6#
84 120.7 69.1 103.7#





#33

1,2-Dichloroethane-d4

Concen: 61.547 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008556.D

Acq: 07 Feb 2019 16:49

Instrument :

MSVOA_W

ClientSampleId :

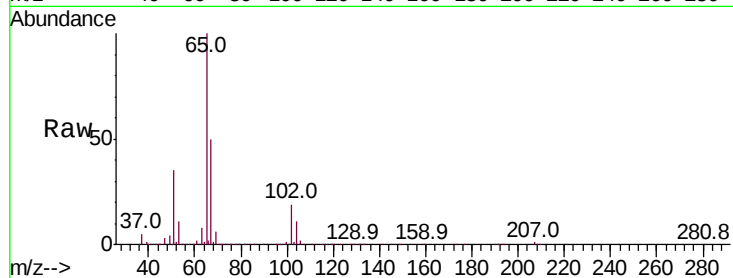
SB-05(0-2)

Tot Ion: 65 Resp: 443362

Ion Ratio Lower Upper

65 100

67 50.7 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

200000

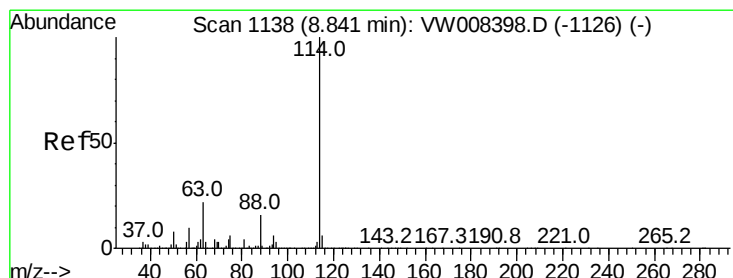
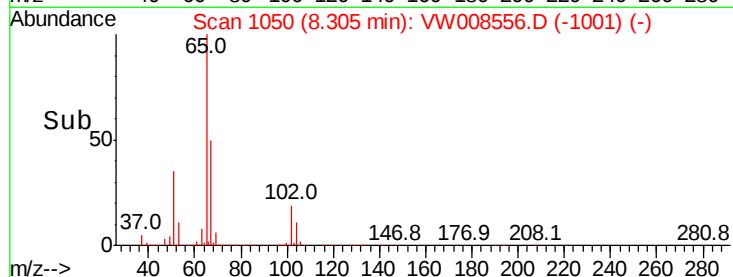
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008556.D

Acq: 07 Feb 2019 16:49

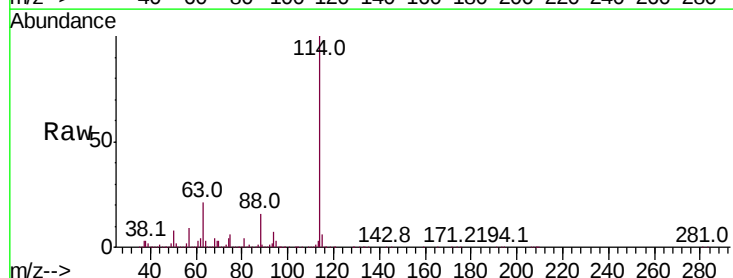
Tgt Ion:114 Resp: 1220932

Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.6

88 15.9 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

8.84

800000

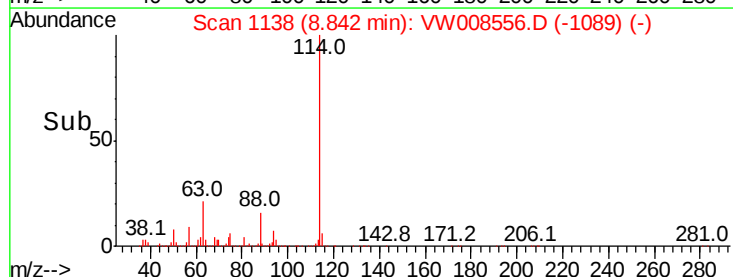
600000

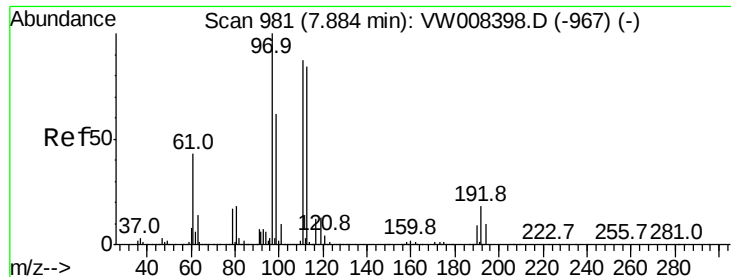
400000

200000

0

Time-->





#35

Dibromofluoromethane

Concen: 54.326 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008556.D

Acq: 07 Feb 2019 16:49

Instrument :

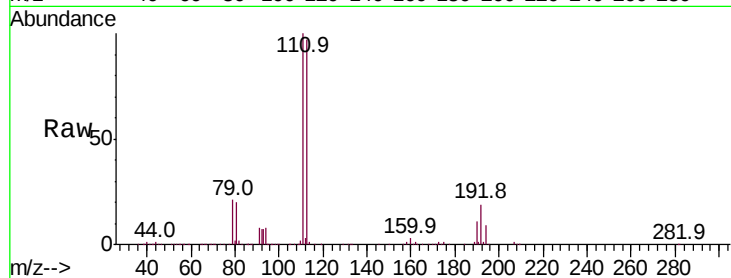
MSVOA_W

ClientSampleId :

SB-05(0-2)

Tot Ion:113 Resp: 387842

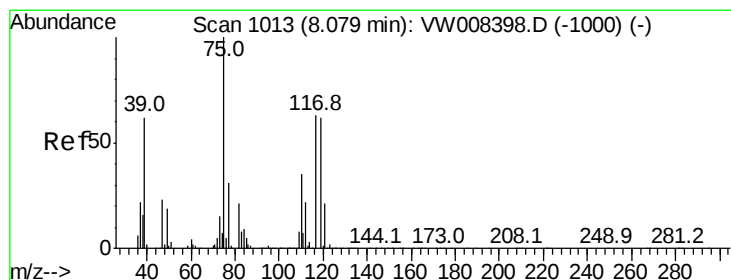
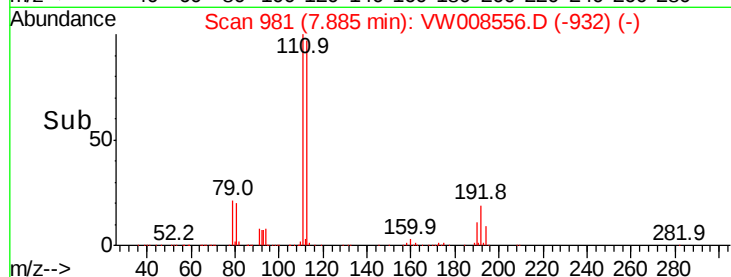
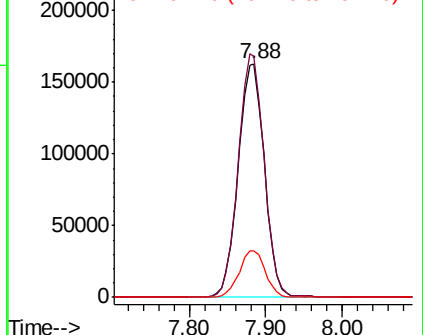
Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.0	121.4
192	19.9	16.8	25.2



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: 5.185 ug/l

RT: 7.94 min Scan# 990

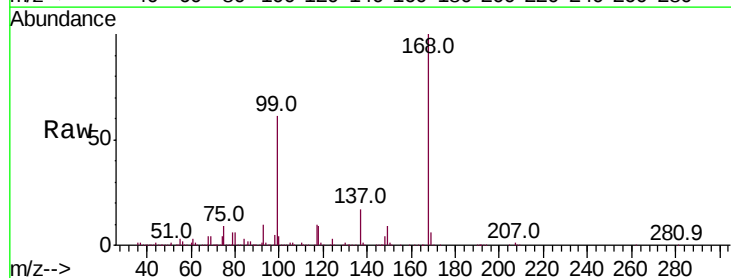
Delta R.T. -0.14 min

Lab File: VW008556.D

Acq: 07 Feb 2019 16:49

Tgt Ion: 75 Resp: 59802

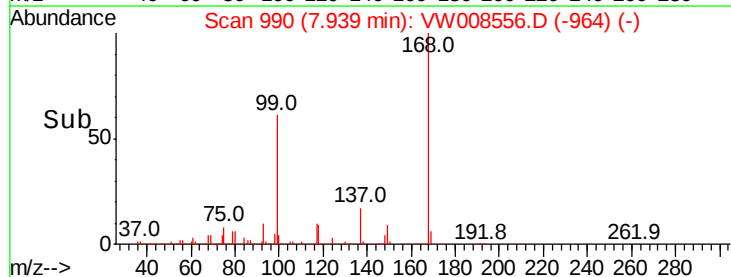
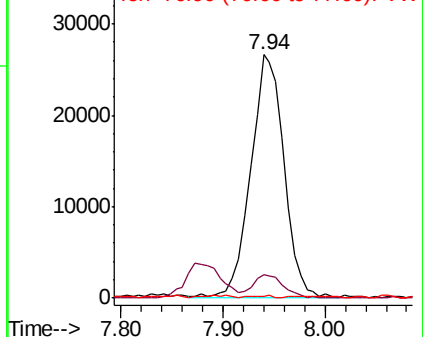
Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.3	52.0#
77	0.6	24.7	37.1#

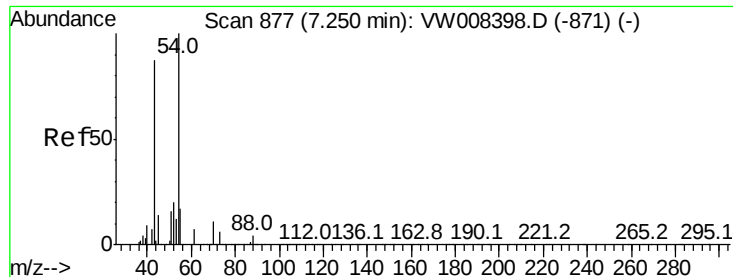


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 3.545 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.10 min

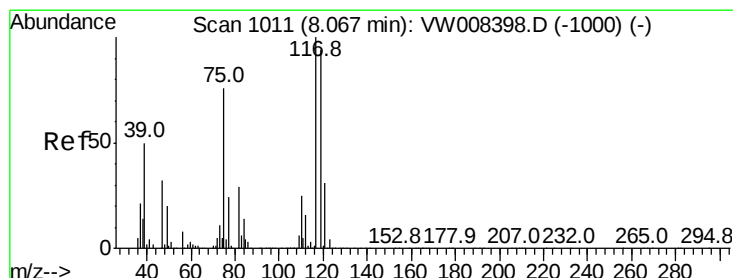
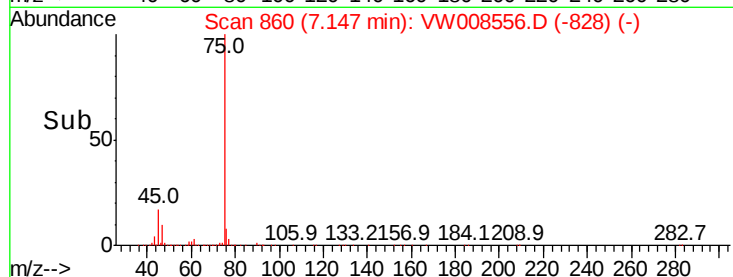
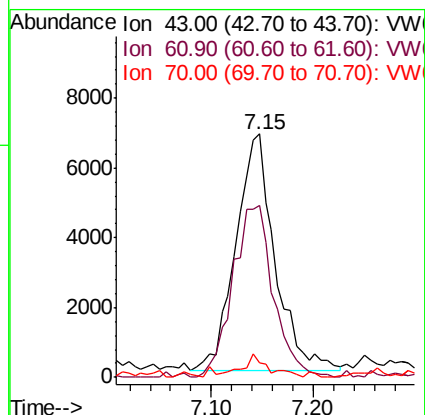
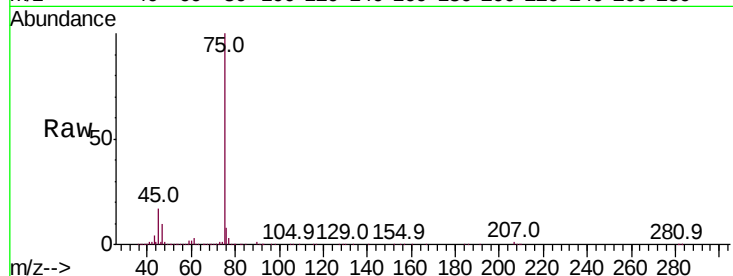
Lab File: VW008556.D

Acq: 07 Feb 2019 16:49

Instrument :
MSVOA_W
ClientSampleId :
SB-05(0-2)

Tot Ion: 43 Resp: 18088

Ion	Ratio	Lower	Upper
43	100		
61	75.0	10.1	15.1#
70	6.1	7.8	11.6#



#38

Carbon Tetrachloride

Concen: 6.444 ug/l

RT: 7.95 min Scan# 991

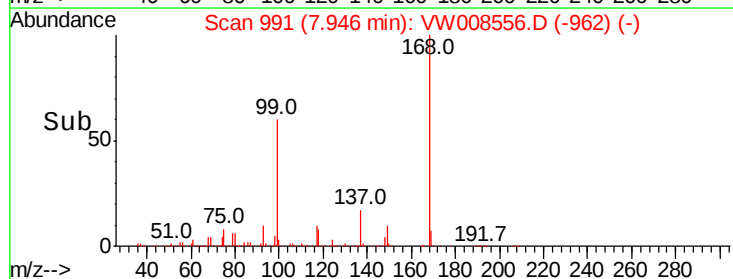
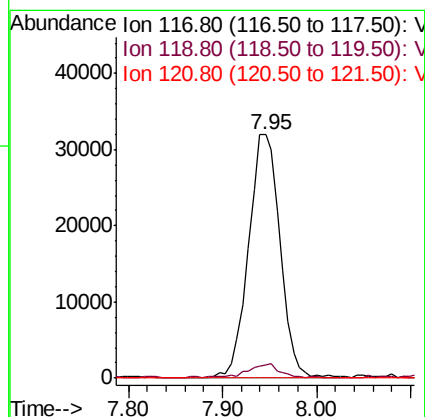
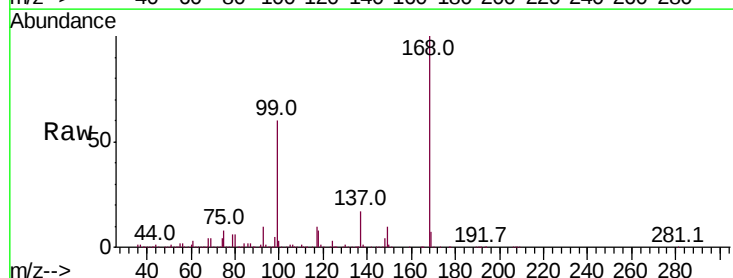
Delta R.T. -0.12 min

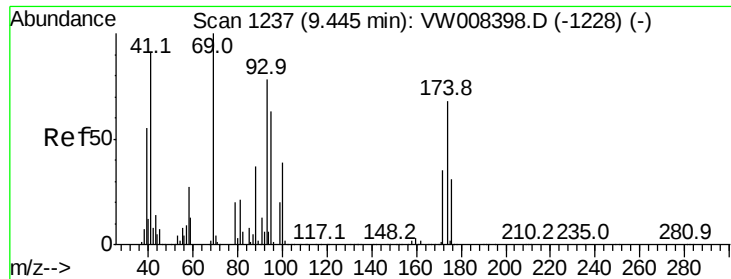
Lab File: VW008556.D

Acq: 07 Feb 2019 16:49

Tgt Ion: 117 Resp: 74786

Ion	Ratio	Lower	Upper
117	100		
119	5.3	75.0	112.4#
121	0.0	24.9	37.3#

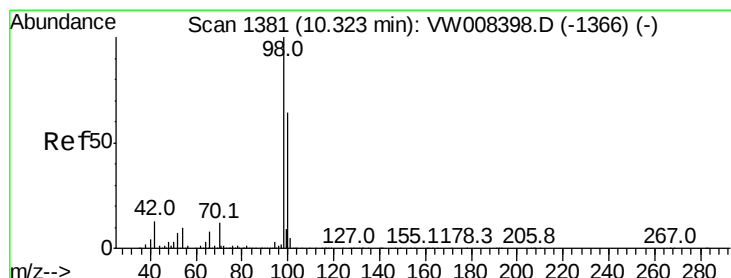
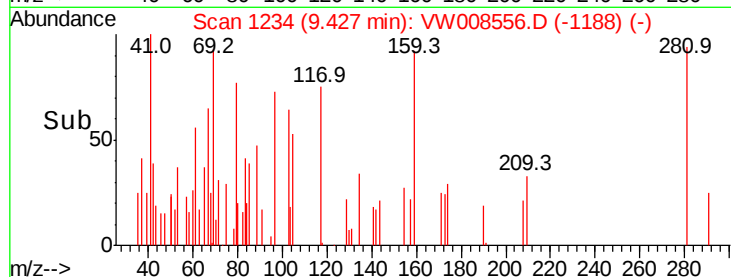
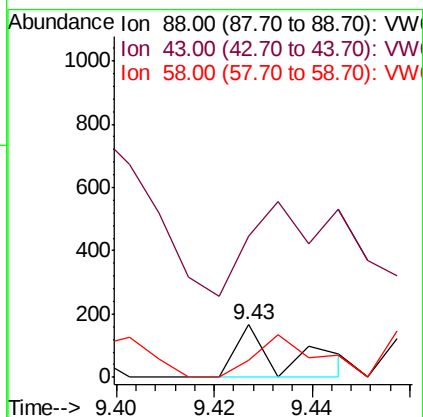
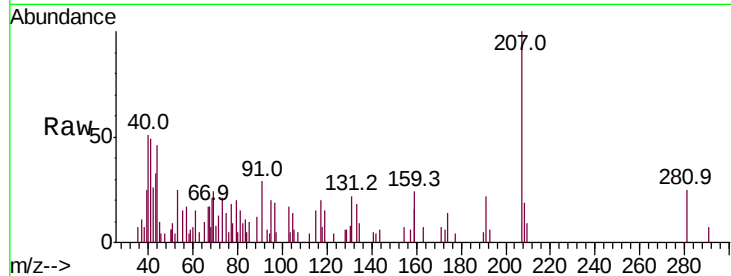




#49
1,4-Dioxane
Concen: 1.787 ug/l
RT: 9.43 min Scan# 1234
Delta R.T. -0.02 min
Lab File: VW008556.D
Acq: 07 Feb 2019 16:49

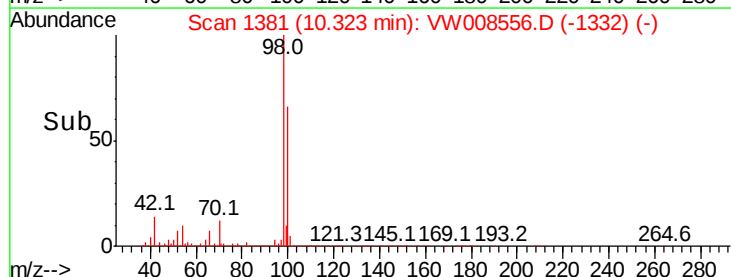
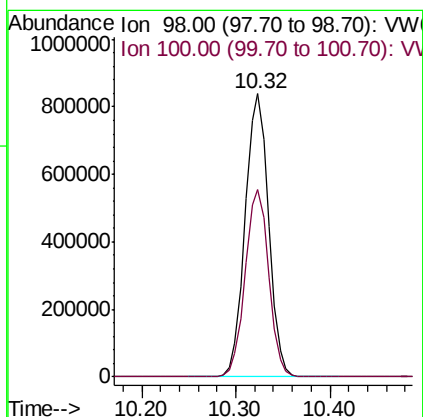
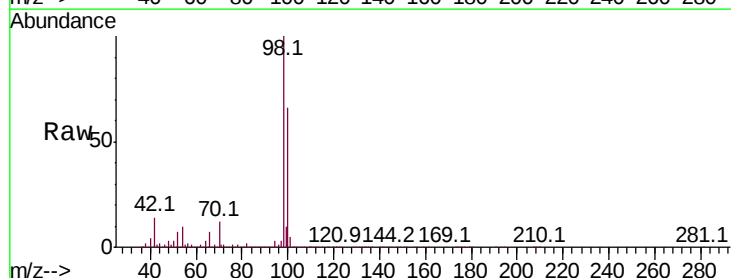
Instrument :
MSVOA_W
ClientSampled :
SB-05(0-2)

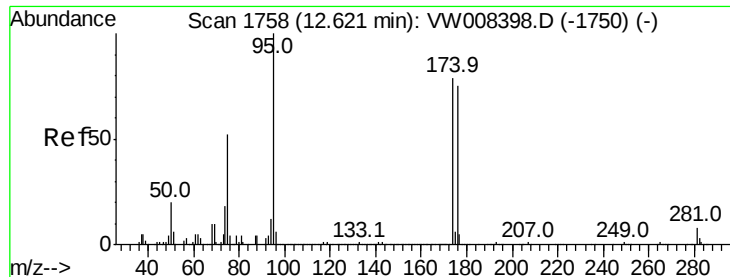
Tot Ion: 88 Resp: 124
Ion Ratio Lower Upper
88 100
43 477.4 29.0 43.4#
58 96.0 56.4 84.6#



#50
Toluene-d8
Concen: 51.147 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008556.D
Acq: 07 Feb 2019 16:49

Tgt Ion: 98 Resp: 1464269
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8

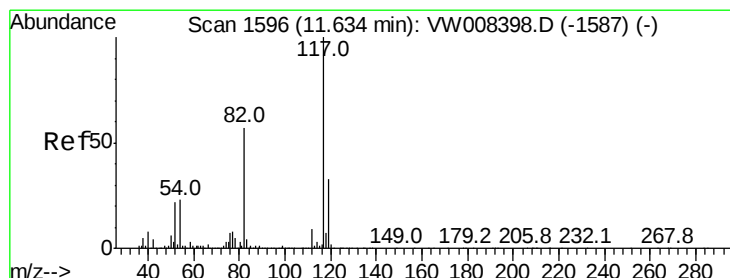
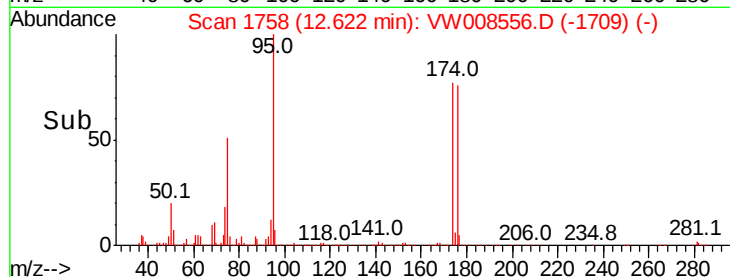
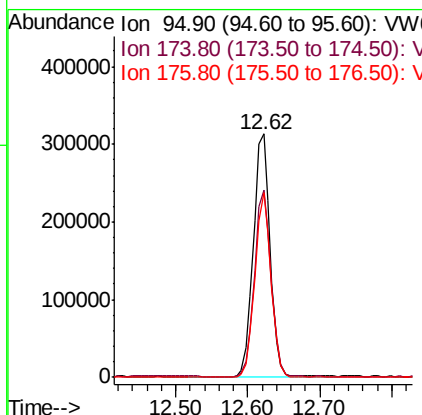
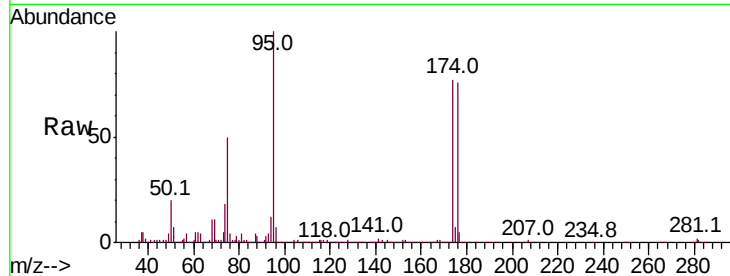




#62
4-Bromofluorobenzene
Concen: 46.644 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008556.D
Acq: 07 Feb 2019 16:49

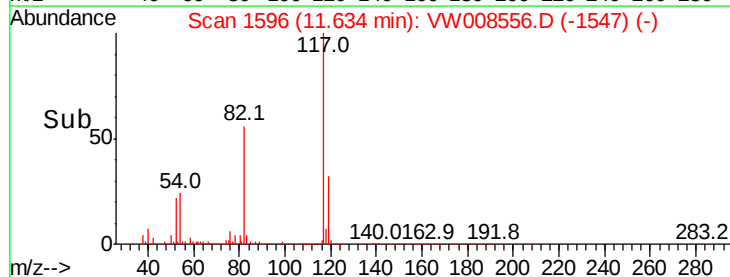
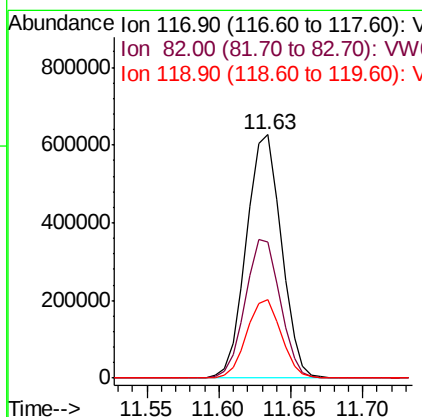
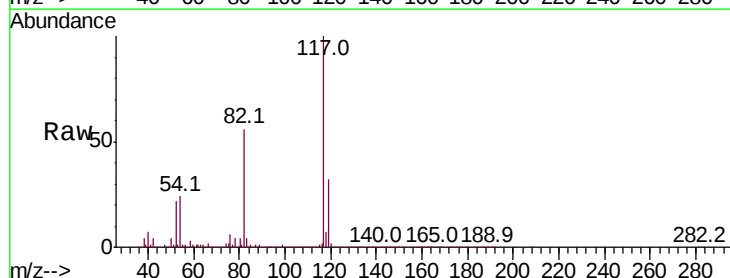
Instrument :
MSVOA_W
ClientSampleId :
SB-05(0-2)

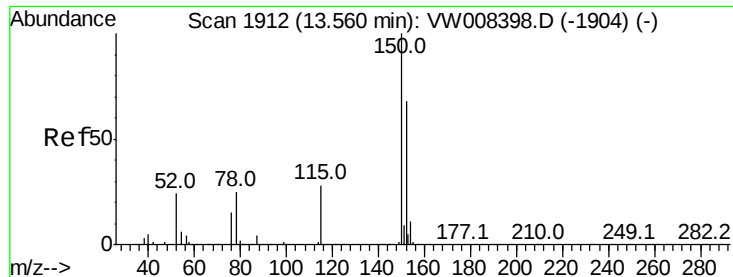
Tot Ion	95	Resp	513290
Ion Ratio	Lower	Upper	
95	100		
174	75.1	0.0	157.6
176	72.5	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008556.D
Acq: 07 Feb 2019 16:49

Tgt Ion	117	Resp	1051777
Ion Ratio	Lower	Upper	
117	100		
82	55.6	45.4	68.0
119	32.0	26.2	39.4



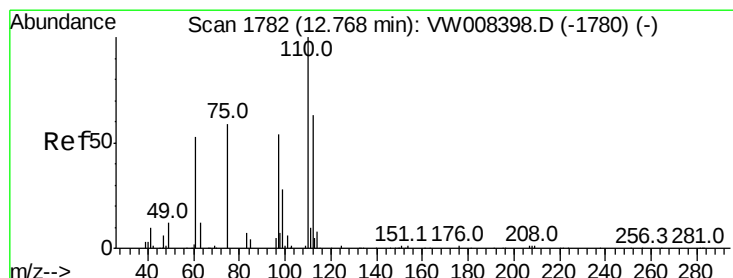
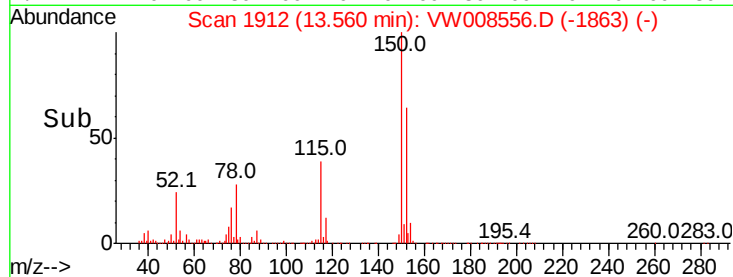
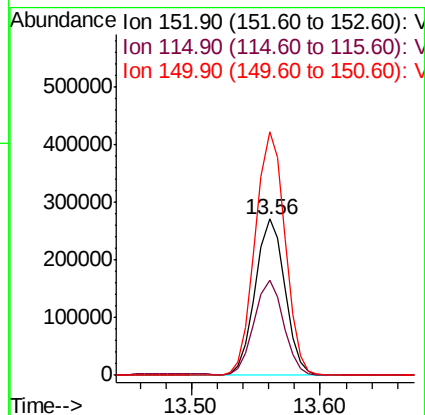
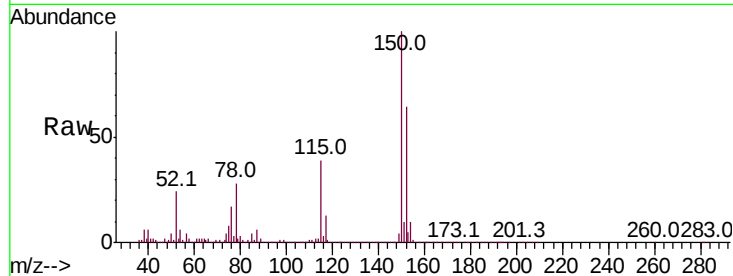


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008556.D
Acq: 07 Feb 2019 16:49

Instrument :
MSVOA_W
ClientSampled :
SB-05(0-2)

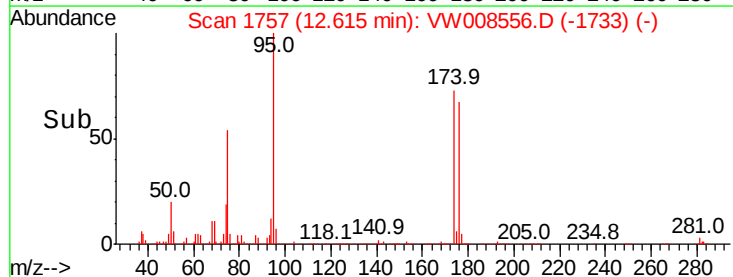
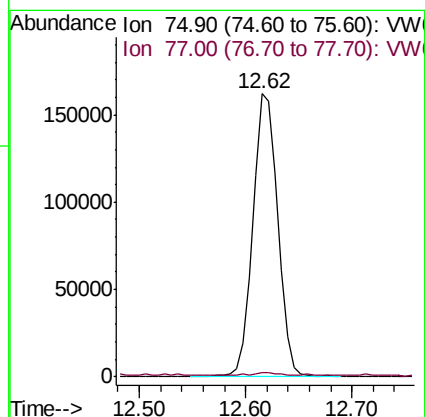
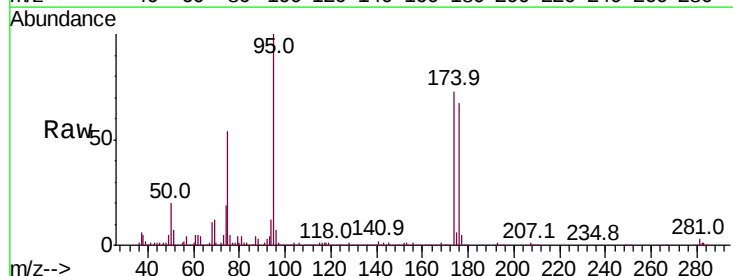
Tot Ion	Ratio	Lower	Upper
152	100		
115	60.2	29.9	89.7
150	157.8	0.0	351.4

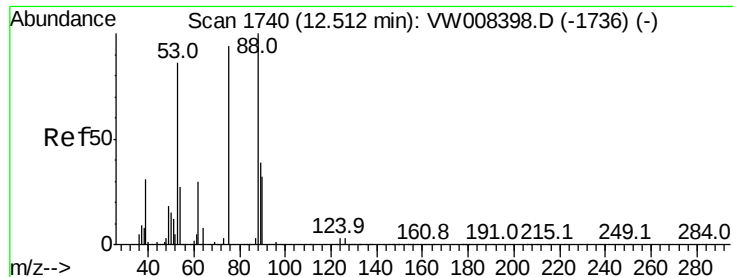


#76

1,2,3-Trichloropropane
Concen: 71.242 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW008556.D
Acq: 07 Feb 2019 16:49

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	180.7	542.1#





#81

trans-1,4-Dichloro-2-butene

Concen: 140.708 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW008556.D

Acq: 07 Feb 2019 16:49

Instrument :

MSVOA_W

ClientSampleId :

SB-05(0-2)

Tot Ion: 75 Resp: 265776

Ion Ratio Lower Upper

75 100

53 0.3 76.0 114.0#

89 0.5 35.4 53.0#

