

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092419\
 Data File : VW013280.D
 Acq On : 24 Sep 2019 16:56
 Operator : SY/VA
 Sample : K5020-03
 Misc : 5.14G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RT-3465

Quant Time: Sep 25 07:12:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	345299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	508940	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	426825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	192904	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	145154	51.51	ug/l	0.00
Spiked Amount			Recovery	=	103.02%	
35) Dibromofluoromethane	7.88	113	142438	50.89	ug/l	0.00
Spiked Amount			Recovery	=	101.78%	
50) Toluene-d8	10.32	98	588738	50.26	ug/l	0.00
Spiked Amount			Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.62	95	189140	47.26	ug/l	0.00
Spiked Amount			Recovery	=	94.52%	

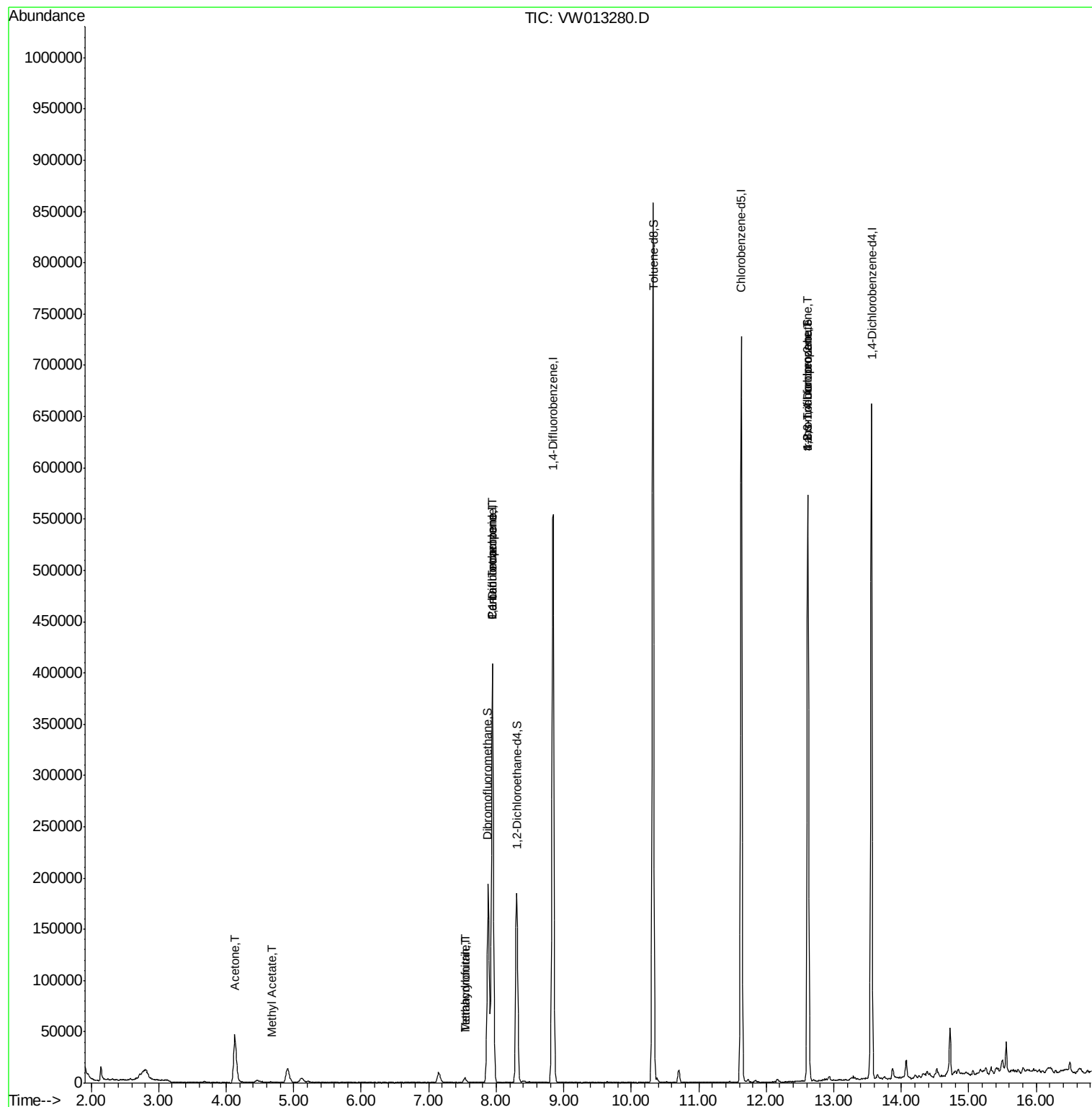
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	586	Below Cal	#	71
16) Acetone	4.13	43	91002	143.192	ug/l	95
18) Methyl Acetate	4.67	43	2478	1.387	ug/l #	69
26) 2,2-Dichloropropane	7.14	77	683	Below Cal	#	52
29) Tetrahydrofuran	7.54	42	4384	7.493	ug/l	99
36) 1,1-Dichloropropene	7.94	75	22257	4.515	ug/l #	49
38) Carbon Tetrachloride	7.94	117	29066	6.578	ug/l #	19
41) Methacrylonitrile	7.54	41	2442	1.953	ug/l #	46
76) 1,2,3-Trichloropropane	12.62	75	88096	51.712	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	88096	116.037	ug/l #	12

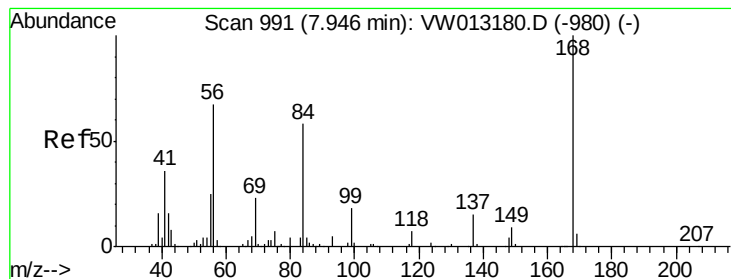
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092419\
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QLast Update : Fri Sep 20 15:58:08 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: VW013280.D

Acq: 24 Sep 2019 16:56

Instrument :

MSVOA_W

ClientSampled :

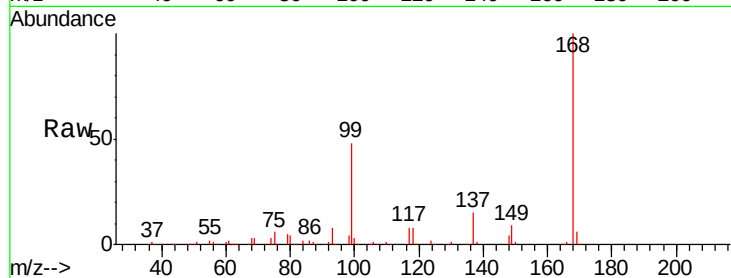
RT-3465

Tgt Ion: 168 Resp: 345299

Ion Ratio Lower Upper

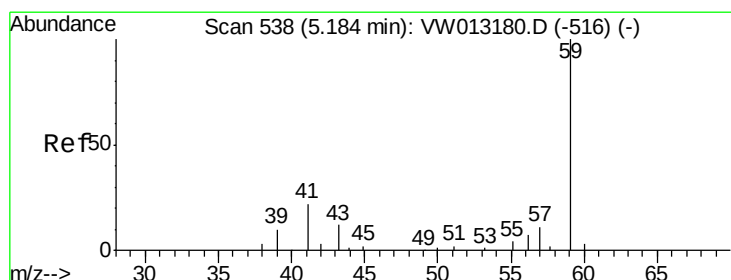
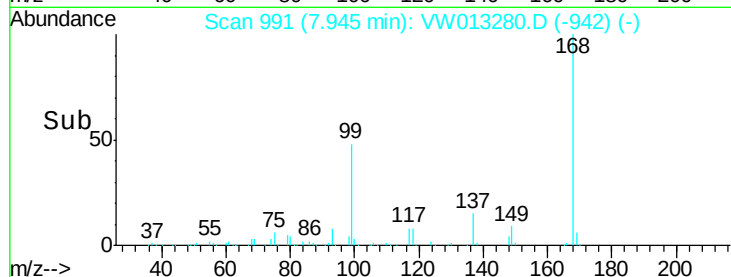
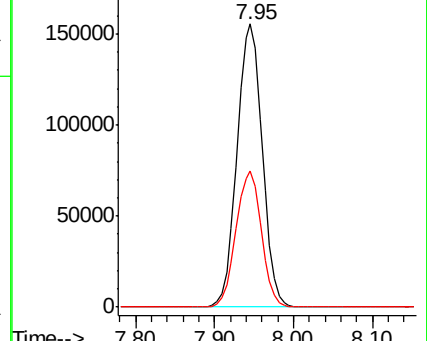
168 100

99 48.0 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.21 min Scan# 542

Delta R.T. 0.03 min

Lab File: VW013280.D

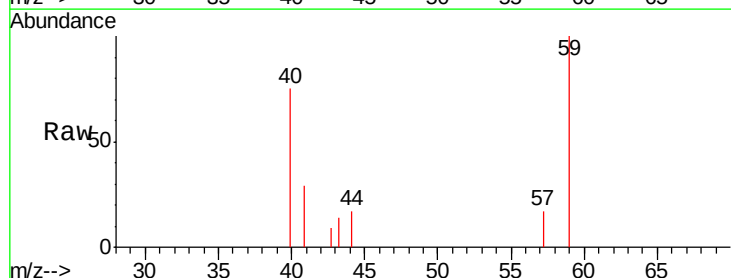
Acq: 24 Sep 2019 16:56

Tgt Ion: 59 Resp: 586

Ion Ratio Lower Upper

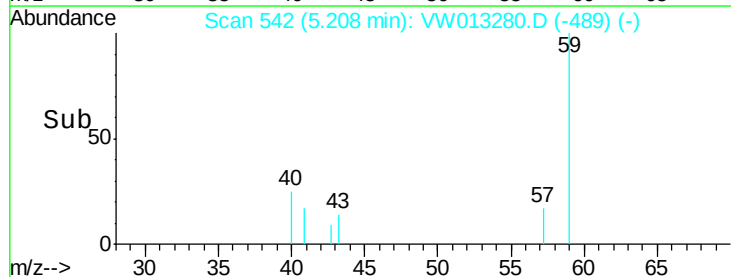
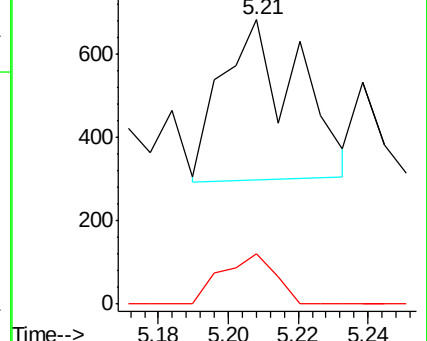
59 100

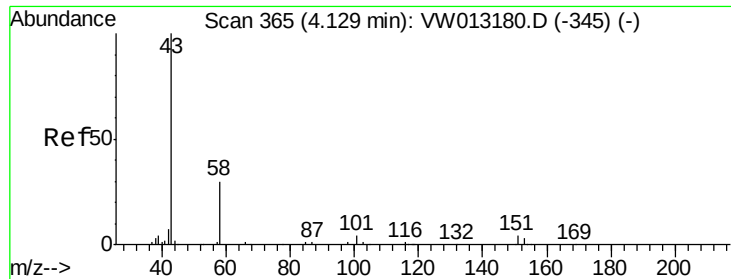
57 21.2 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

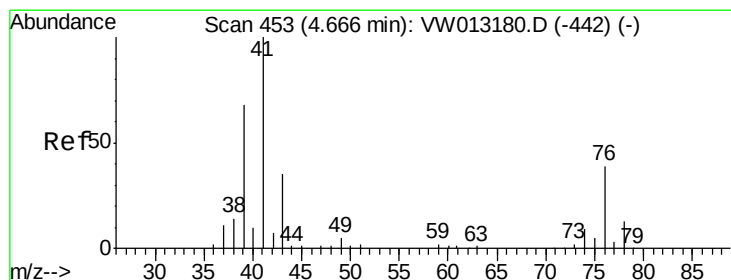
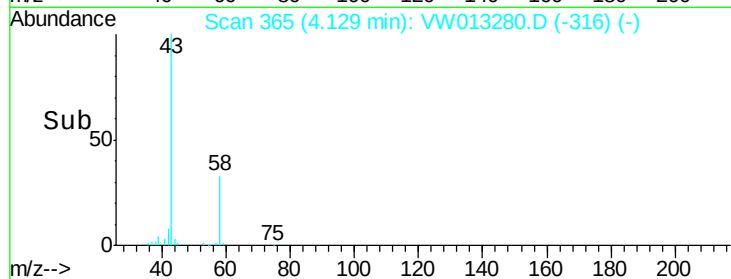
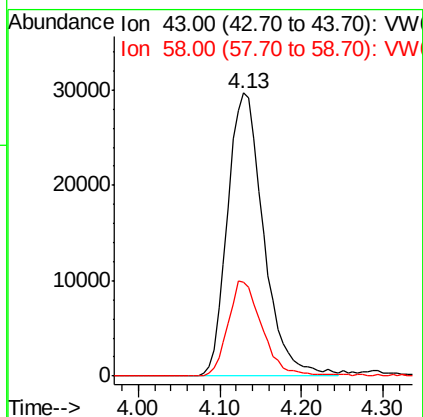
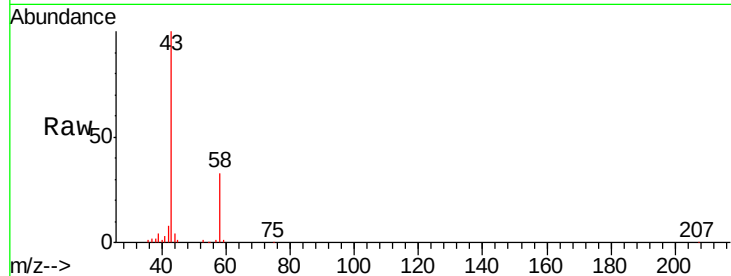




#16
Acetone
Concen: 143.192 ug/l
RT: 4.13 min Scan# 365
Delta R.T. -0.00 min
Lab File: VW013280.D
Acq: 24 Sep 2019 16:56

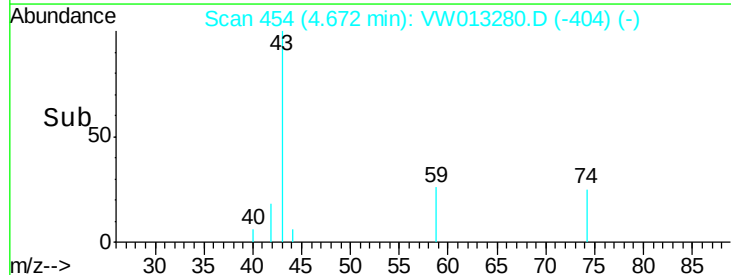
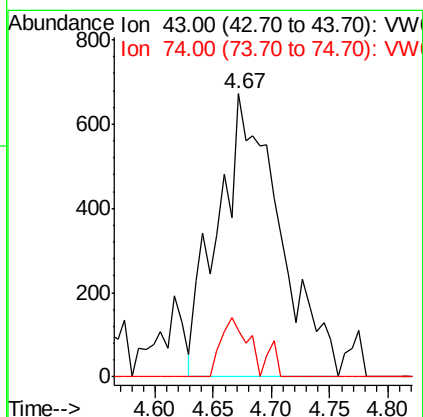
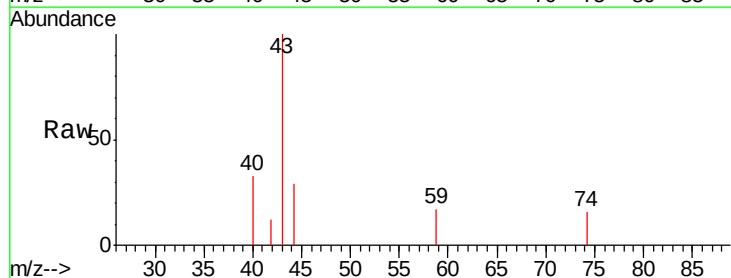
Instrument :
MSVOA_W
ClientSampleId :
RT-3465

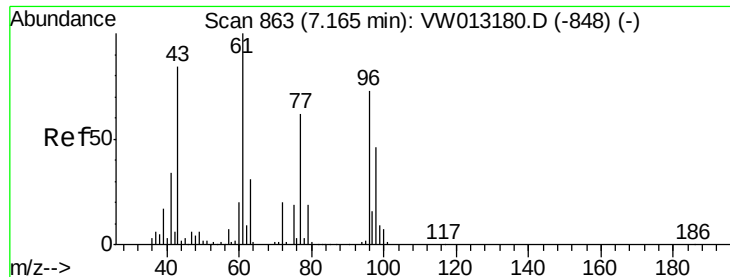
Tgt Ion: 43 Resp: 91002
Ion Ratio Lower Upper
43 100
58 33.0 24.1 36.1



#18
Methyl Acetate
Concen: 1.387 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW013280.D
Acq: 24 Sep 2019 16:56

Tgt Ion: 43 Resp: 2478
Ion Ratio Lower Upper
43 100
74 8.9 19.3 28.9#

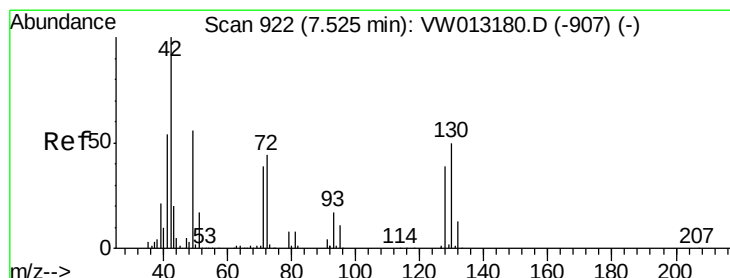
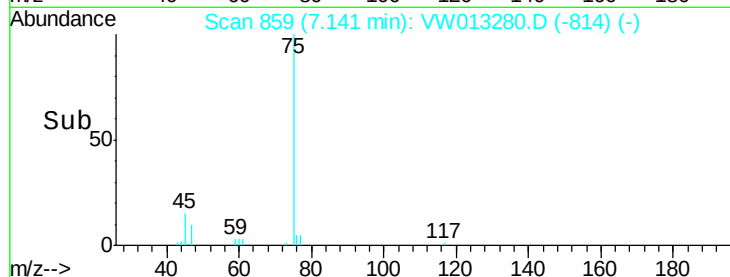
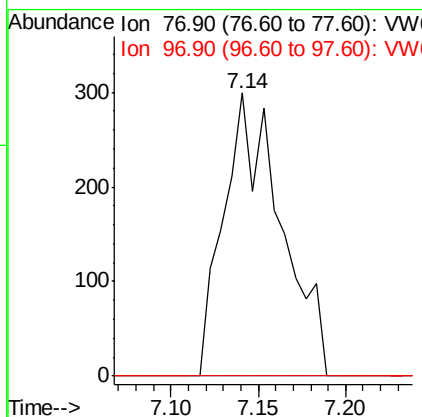
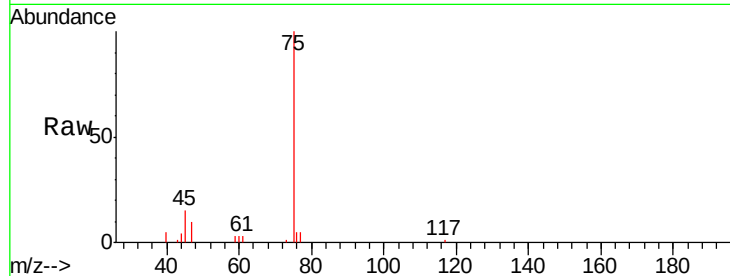




#26
 2,2-Dichloropropane
 Concen: Below Cal
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: VW013280.D
 Acq: 24 Sep 2019 16:56

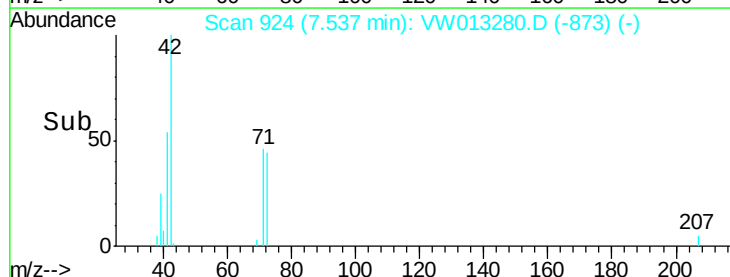
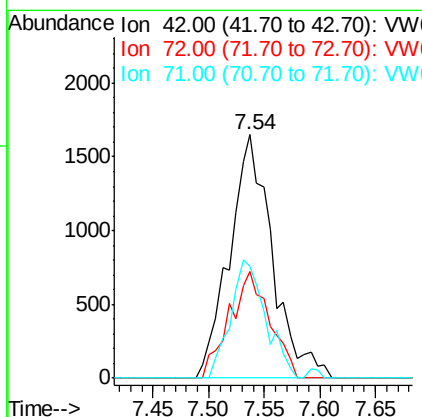
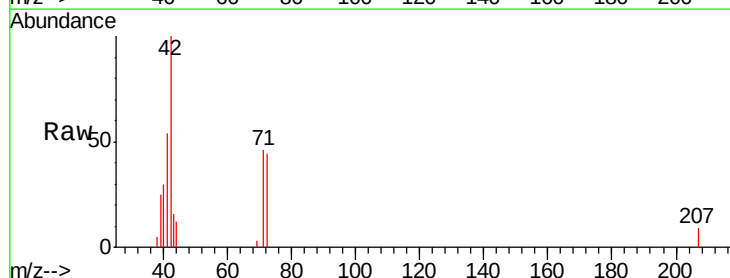
Instrument :
 MSVOA_W
 ClientSampleId :
 RT-3465

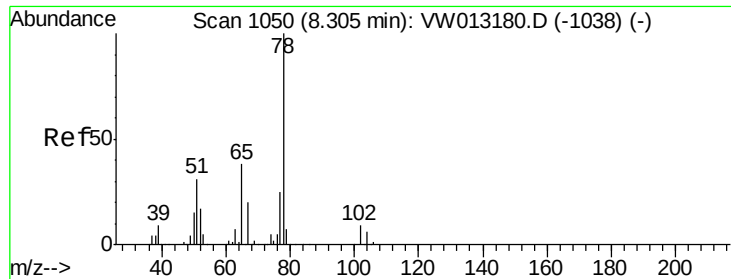
Tgt Ion: 77 Resp: 683
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.8 35.4#



#29
 Tetrahydrofuran
 Concen: 7.493 ug/l
 RT: 7.54 min Scan# 924
 Delta R.T. 0.01 min
 Lab File: VW013280.D
 Acq: 24 Sep 2019 16:56

Tgt Ion: 42 Resp: 4384
 Ion Ratio Lower Upper
 42 100
 72 41.3 33.9 50.9
 71 39.8 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 51.507 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013280.D

Acq: 24 Sep 2019 16:56

Instrument :

MSVOA_W

ClientSampled :

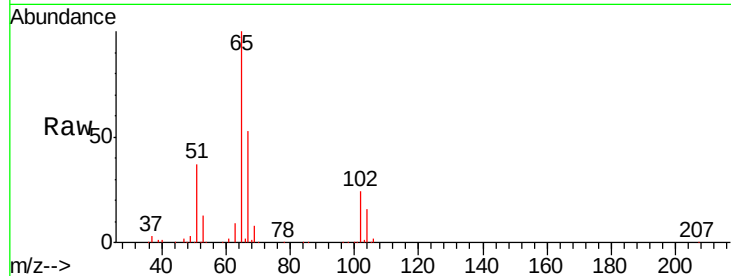
RT-3465

Tgt Ion: 65 Resp: 145154

Ion Ratio Lower Upper

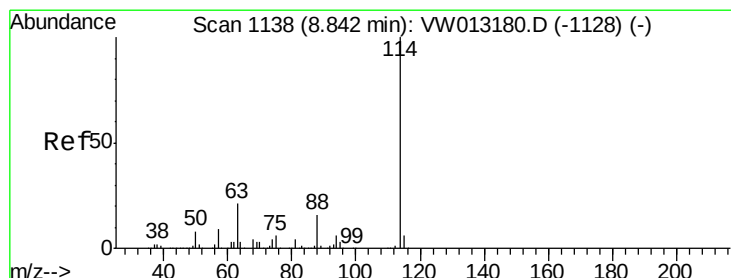
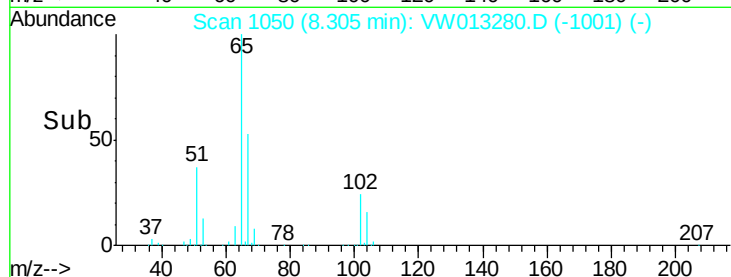
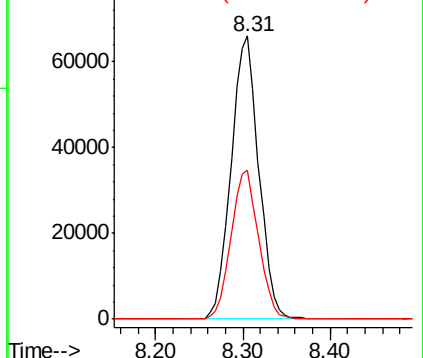
65 100

67 52.6 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013280.D

Acq: 24 Sep 2019 16:56

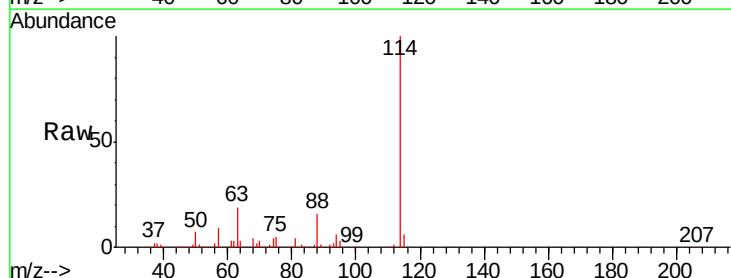
Tgt Ion: 114 Resp: 508940

Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.4

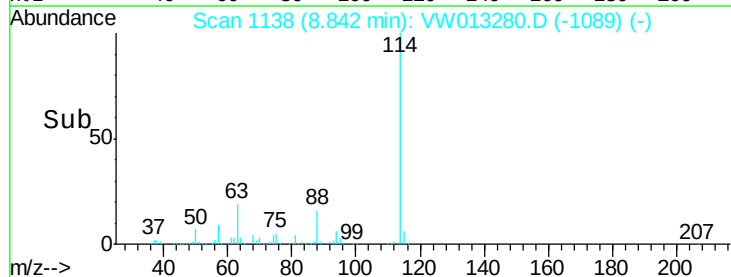
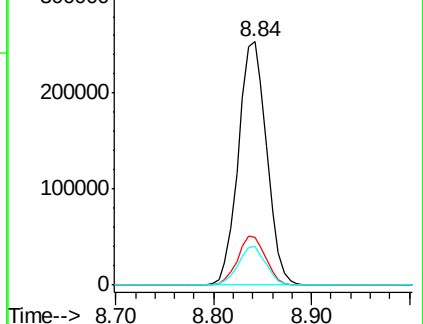
88 15.7 0.0 32.0

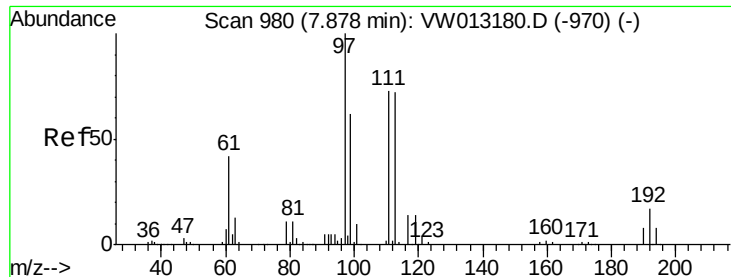


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

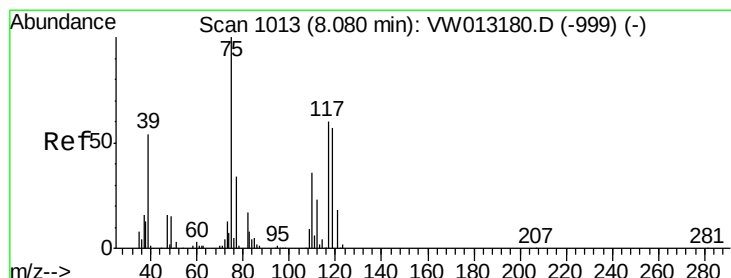
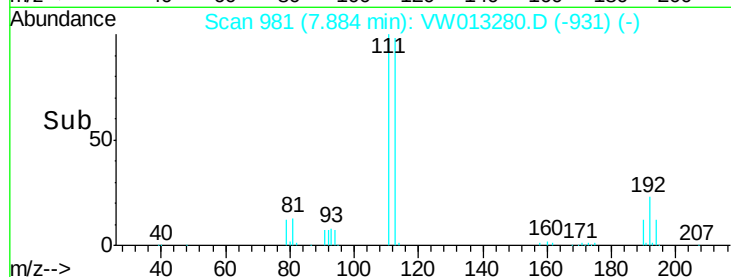
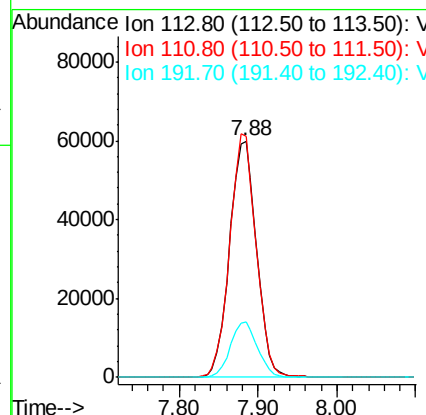
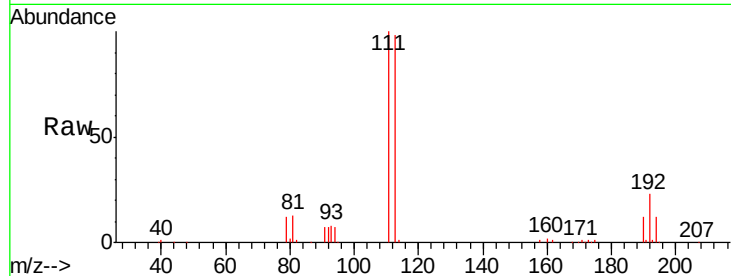




#35
 Dibromofluoromethane
 Concen: 50.886 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW013280.D
 Acq: 24 Sep 2019 16:56

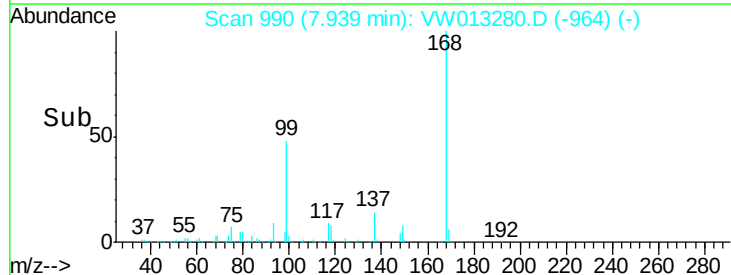
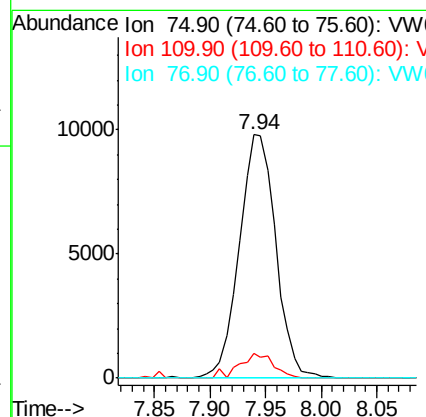
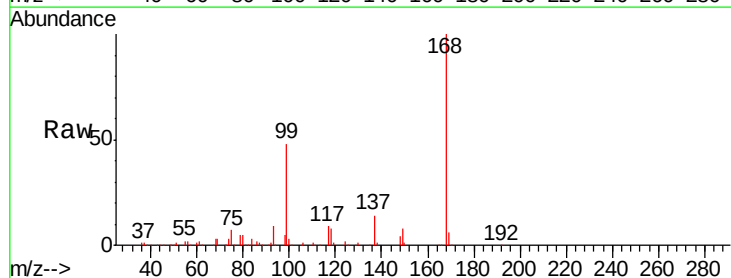
Instrument :
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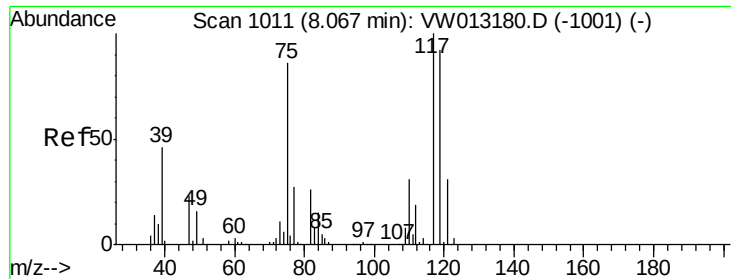
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.9	122.9
192	23.6	19.1	28.7



#36
 1,1-Dichloropropene
 Concen: 4.515 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW013280.D
 Acq: 24 Sep 2019 16:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.1	54.3#
77	0.0	25.8	38.6#

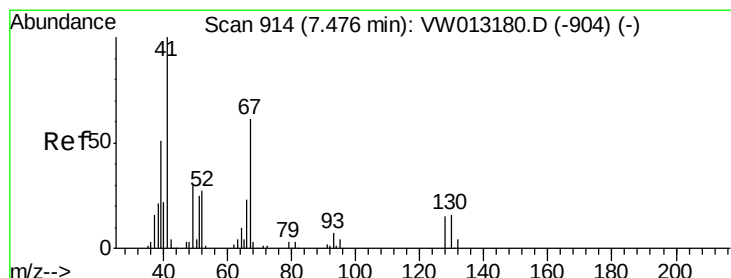
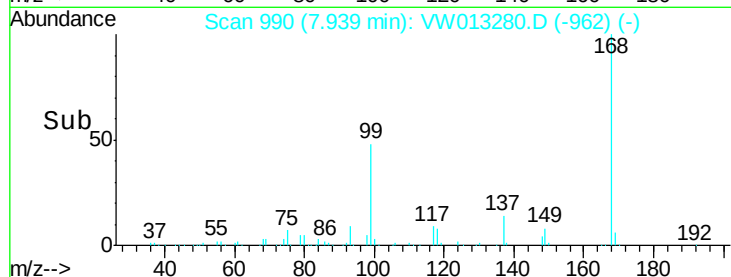
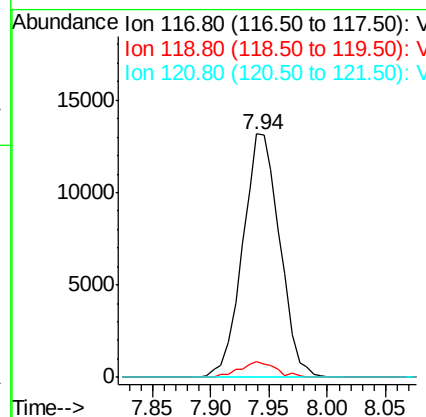
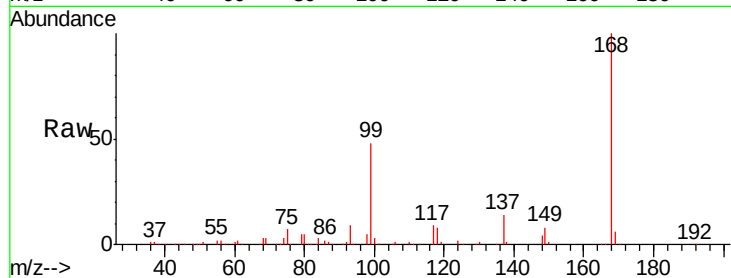




#38
Carbon Tetrachloride
Concen: 6.578 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW013280.D
Acq: 24 Sep 2019 16:56

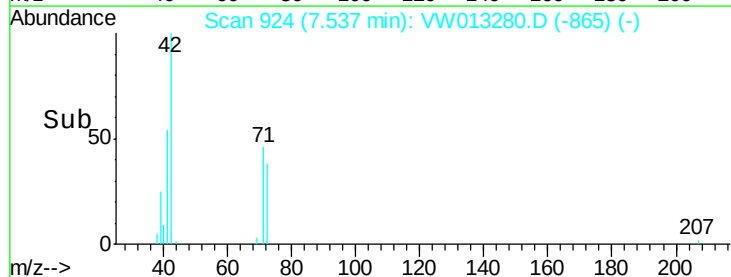
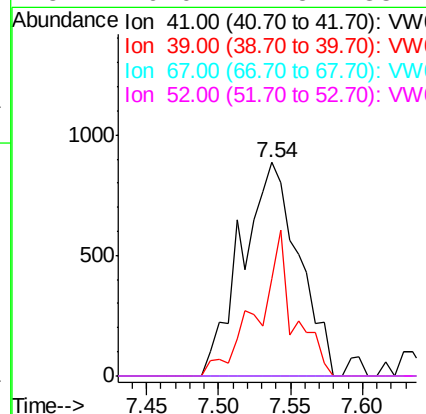
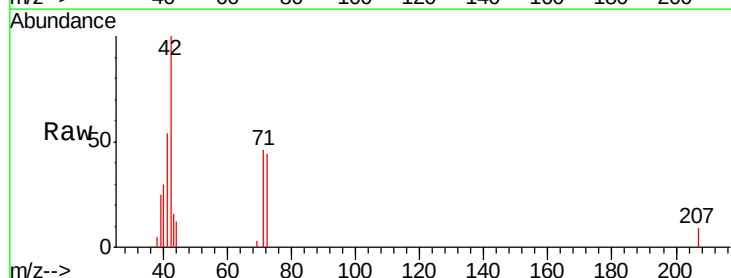
Instrument :
MSVOA_W
ClientSampleId :
RT-3465

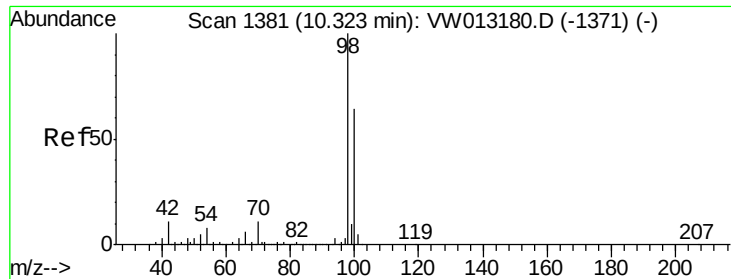
Tgt Ion: 117 Resp: 29066
Ion Ratio Lower Upper
117 100
119 6.4 73.5 110.3#
121 0.0 25.0 37.6#



#41
Methacrylonitrile
Concen: 1.953 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.06 min
Lab File: VW013280.D
Acq: 24 Sep 2019 16:56

Tgt Ion: 41 Resp: 2442
Ion Ratio Lower Upper
41 100
39 43.4 45.9 68.9#
67 0.0 54.5 81.7#
52 0.0 22.5 33.7#

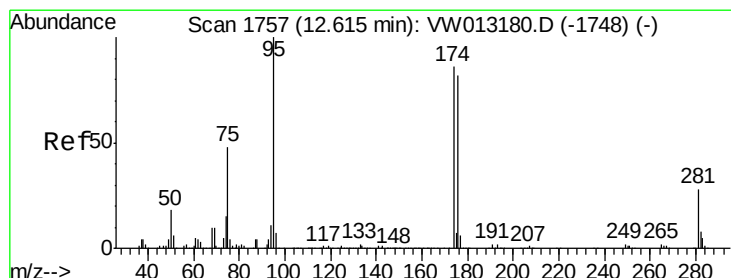
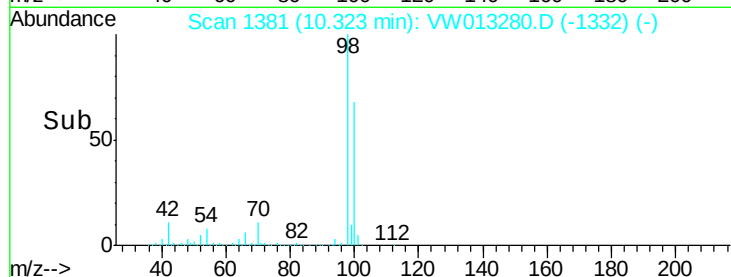
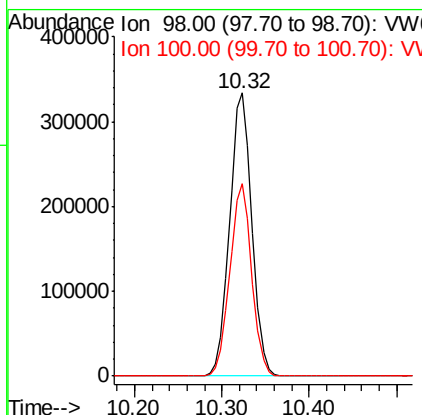
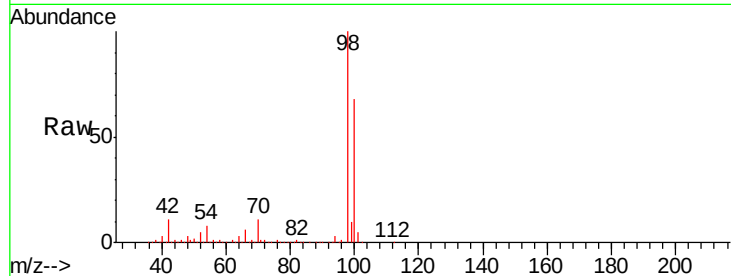




#50
Toluene-d8
Concen: 50.256 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013280.D
Acq: 24 Sep 2019 16:56

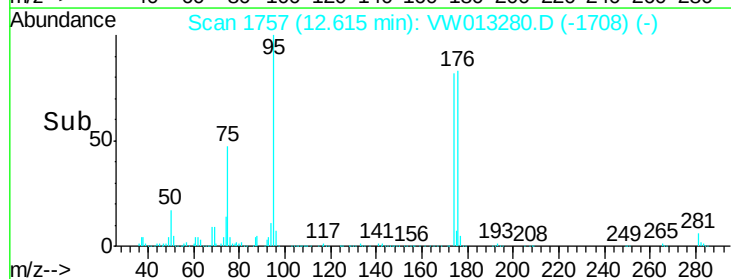
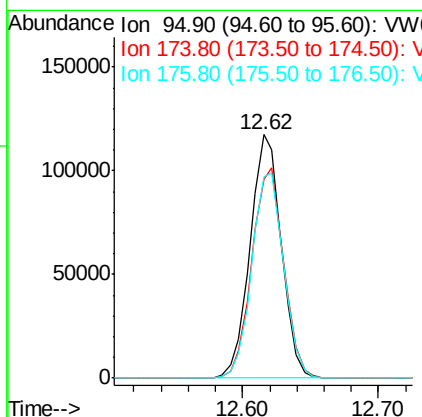
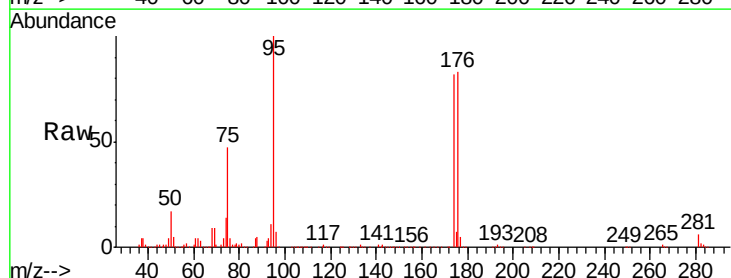
Instrument :
MSVOA_W
ClientSampleId :
RT-3465

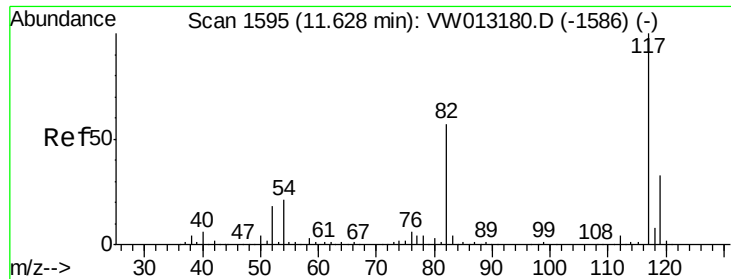
Tgt Ion: 98 Resp: 588738
Ion Ratio Lower Upper
98 100
100 66.9 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 47.265 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013280.D
Acq: 24 Sep 2019 16:56

Tgt Ion: 95 Resp: 189140
Ion Ratio Lower Upper
95 100
174 87.9 0.0 178.4
176 86.3 0.0 172.2

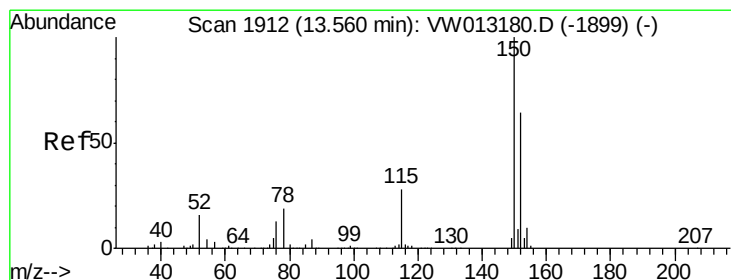
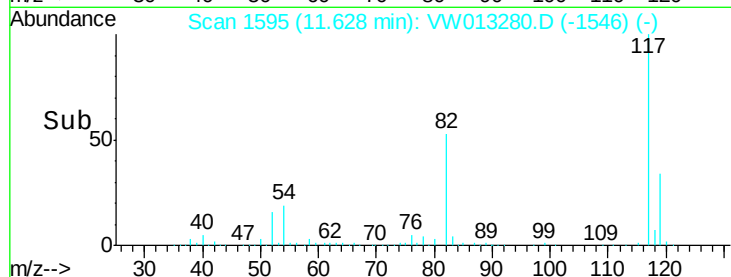
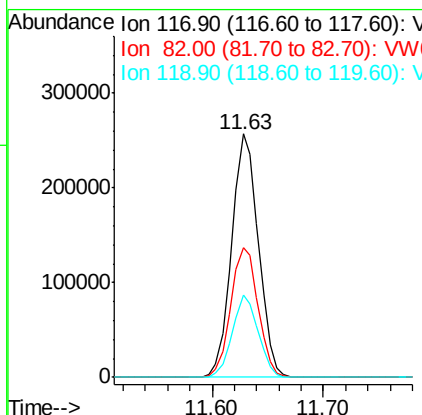
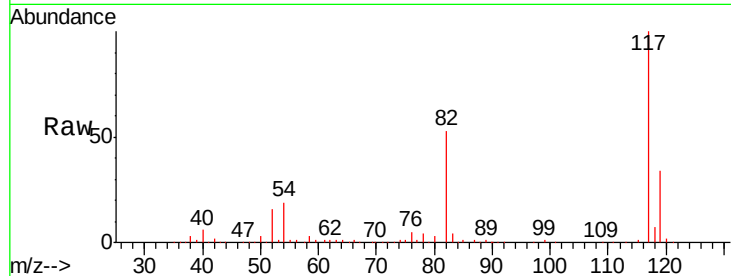




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013280.D
Acq: 24 Sep 2019 16:56

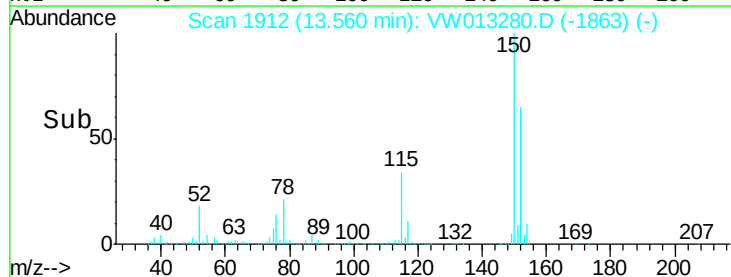
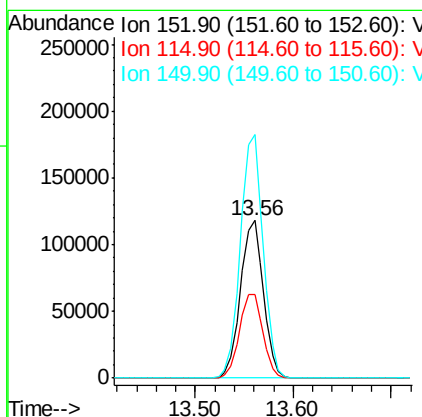
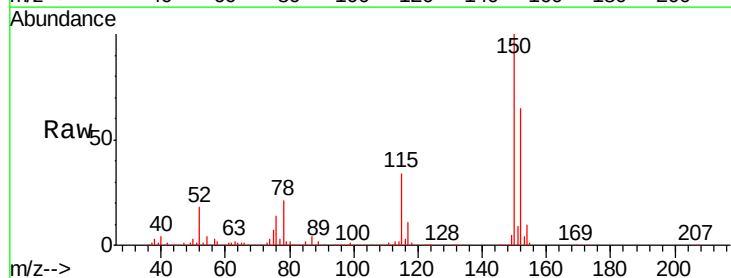
Instrument :
MSVOA_W
ClientSampled :
RT-3465

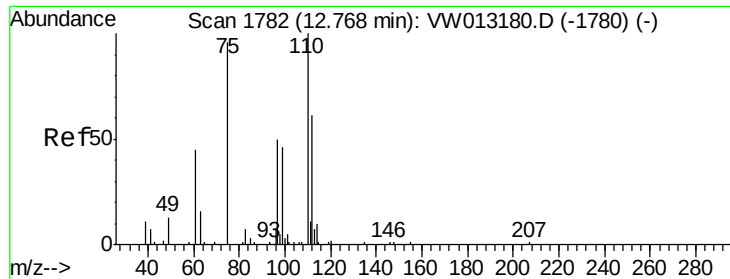
Tgt Ion:117 Resp: 426825
Ion Ratio Lower Upper
117 100
82 53.0 45.9 68.9
119 33.6 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013280.D
Acq: 24 Sep 2019 16:56

Tgt Ion:152 Resp: 192904
Ion Ratio Lower Upper
152 100
115 54.3 27.3 81.9
150 152.2 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 51.712 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013280.D

Acq: 24 Sep 2019 16:56

Instrument :

MSVOA_W

ClientSampled :

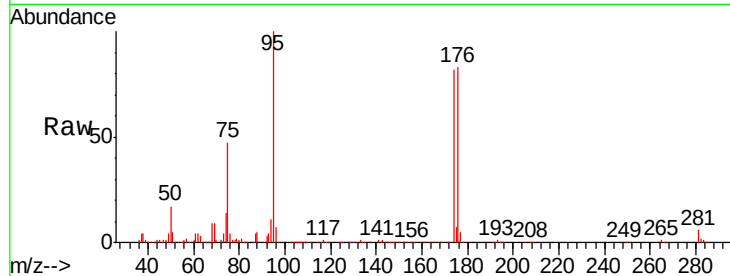
RT-3465

Tgt Ion: 75 Resp: 88096

Ion Ratio Lower Upper

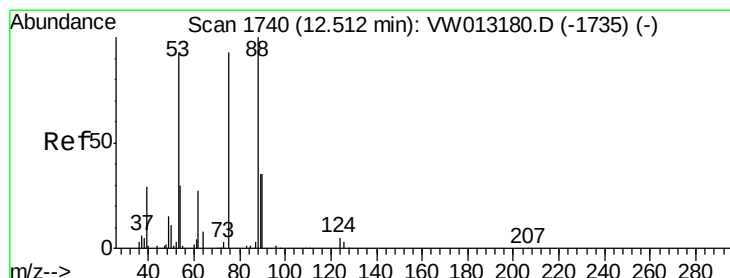
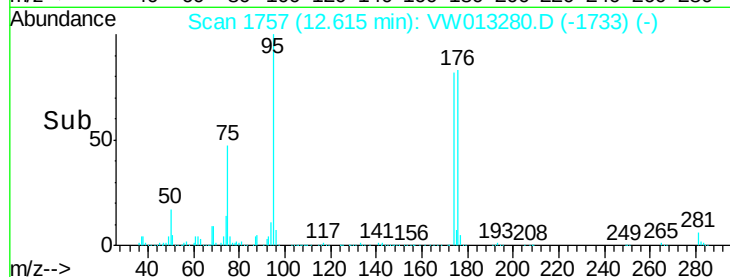
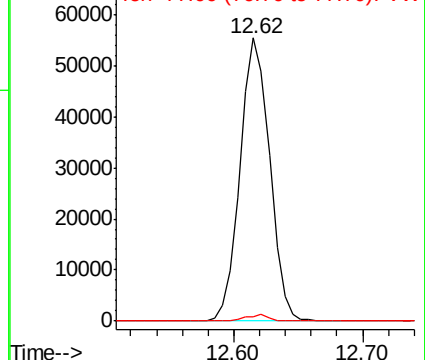
75 100

77 1.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 116.037 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013280.D

Acq: 24 Sep 2019 16:56

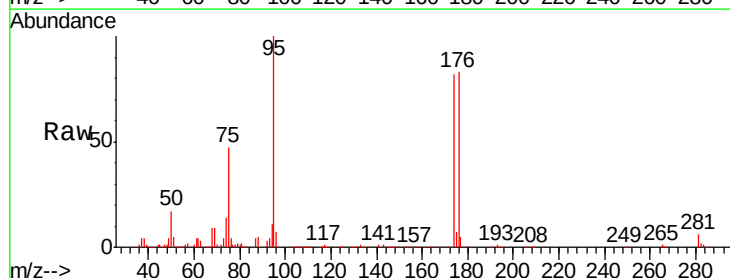
Tgt Ion: 75 Resp: 88096

Ion Ratio Lower Upper

75 100

53 0.1 76.6 114.8#

89 0.0 33.5 50.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

