

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
 Data File : VW011548.D
 Acq On : 27 Jul 2019 06:03
 Operator : SY/VA
 Sample : K4024-01
 Misc : 10.37G/5.0ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8

Quant Time: Jul 29 01:16:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	247604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	410687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	319026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	105413	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	160242	56.36	ug/l	0.00
Spiked Amount			Recovery	=	112.72%	
35) Dibromofluoromethane	7.88	113	124949	54.23	ug/l	0.00
Spiked Amount			Recovery	=	108.46%	
50) Toluene-d8	10.32	98	499539	52.95	ug/l	0.00
Spiked Amount			Recovery	=	105.90%	
62) 4-Bromofluorobenzene	12.62	95	142133	42.26	ug/l	0.00
Spiked Amount			Recovery	=	84.52%	

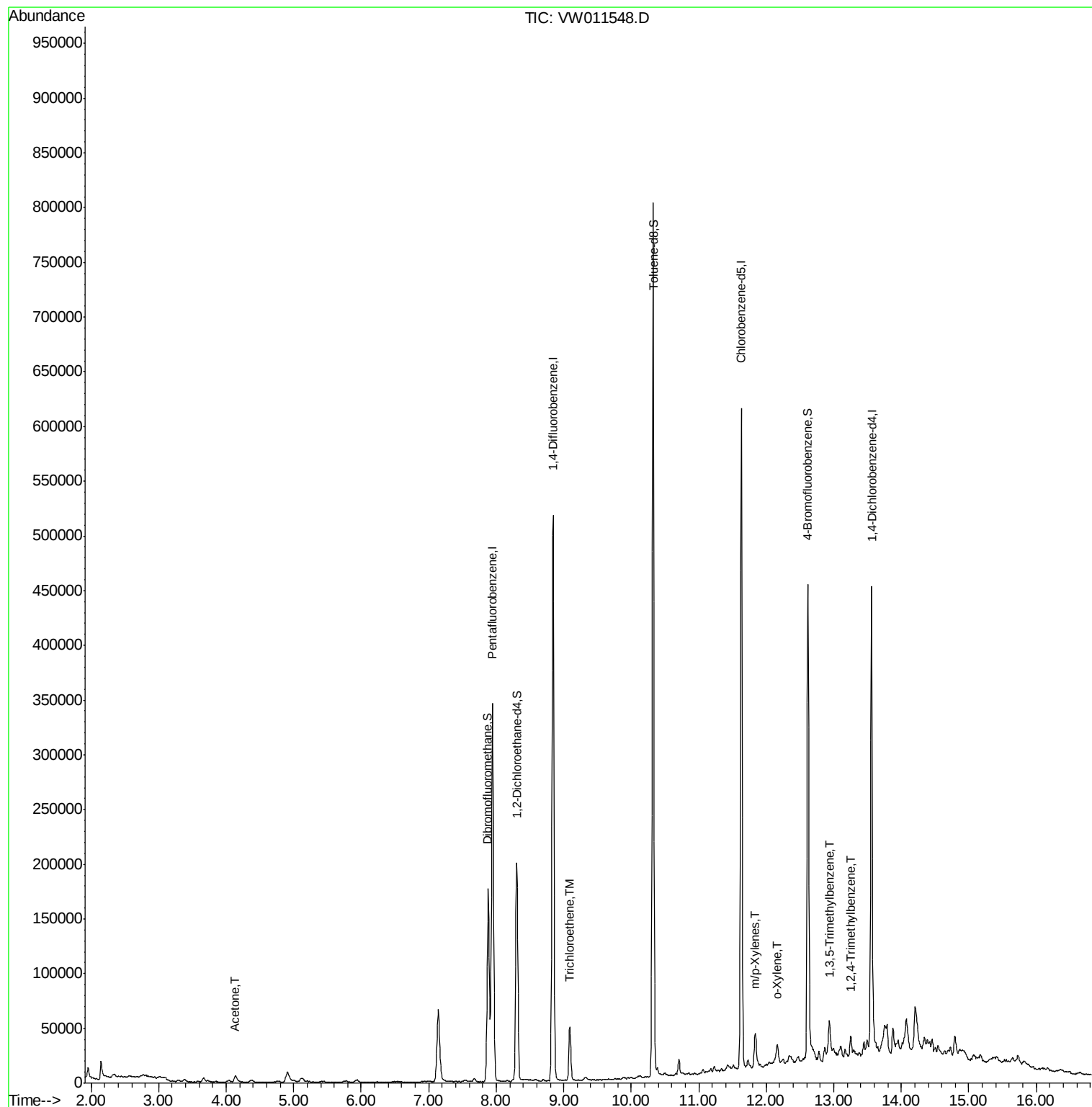
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	11838	13.089	ug/l	97
44) Trichloroethene	9.09	130	16784	5.838	ug/l	94
68) m/p-Xylenes	11.84	106	8464	1.905	ug/l	99
69) o-Xylene	12.16	106	4786	1.159	ug/l	95
80) 1,3,5-Trimethylbenzene	12.94	105	6840	1.038	ug/l	88
84) 1,2,4-Trimethylbenzene	13.25	105	11382	1.714	ug/l	99

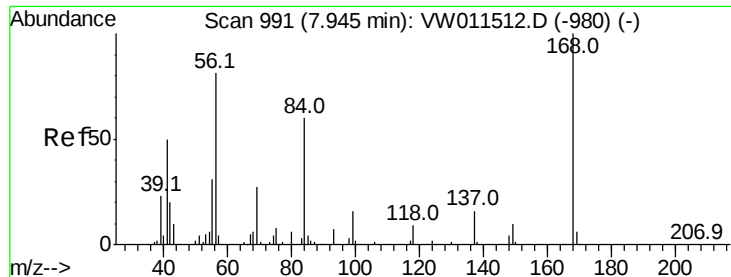
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072719\
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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: VW011548.D

Acq: 27 Jul 2019 06:03

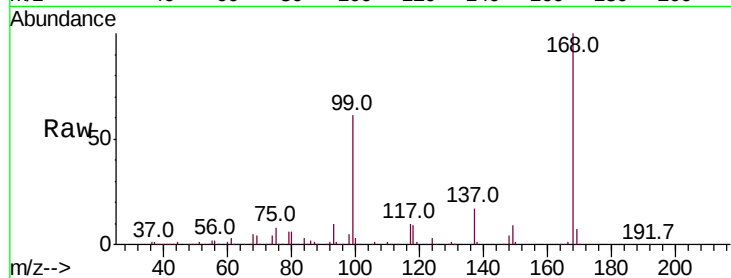
Instrument :
MSVOA_W
ClientSampleId :
TP-8

Tot Ion:168 Resp: 247604

Ion Ratio Lower Upper

168 100

99 60.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

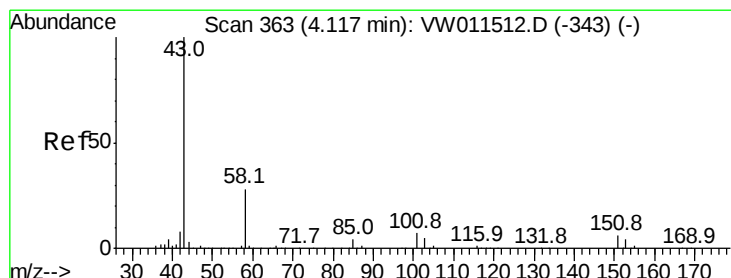
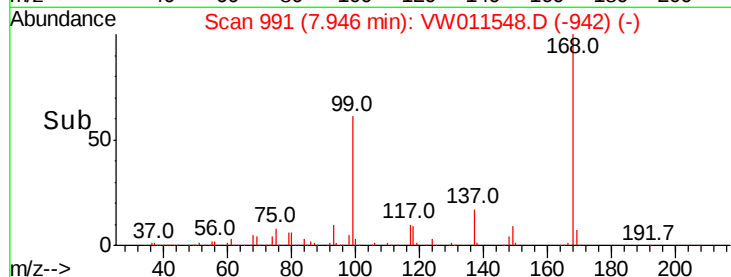
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 13.089 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW011548.D

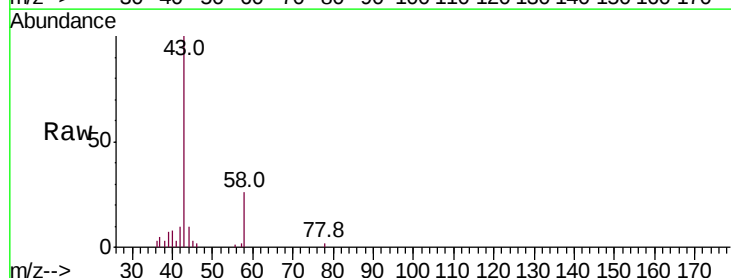
Acq: 27 Jul 2019 06:03

Tgt Ion: 43 Resp: 11838

Ion Ratio Lower Upper

43 100

58 26.5 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

4000

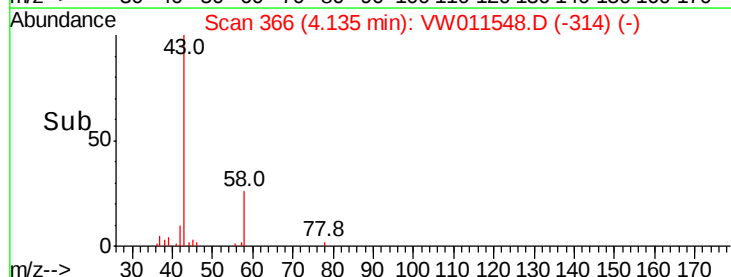
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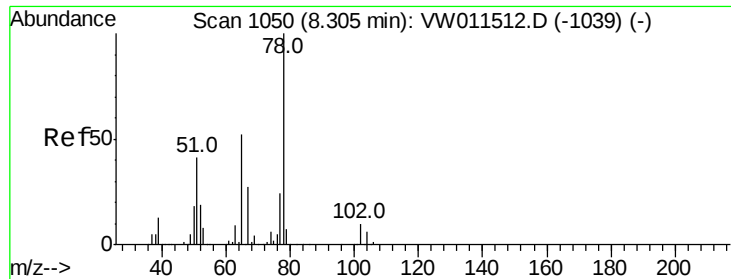
2000

1000

0

Time--> 4.00 4.10 4.20 4.30





#33

1,2-Dichloroethane-d4

Concen: 56.360 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011548.D

Acq: 27 Jul 2019 06:03

Instrument :

MSVOA_W

ClientSampled :

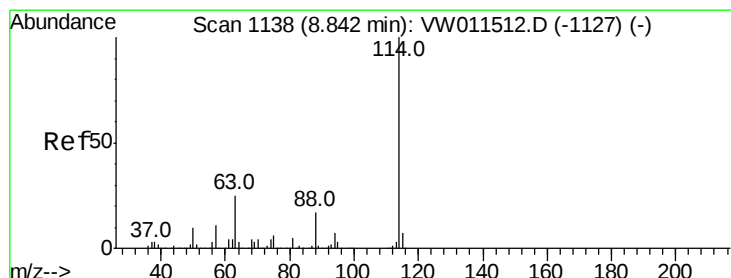
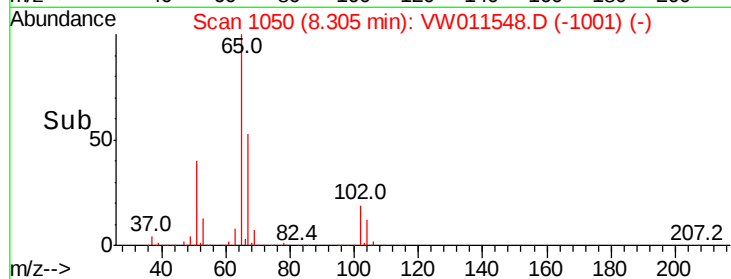
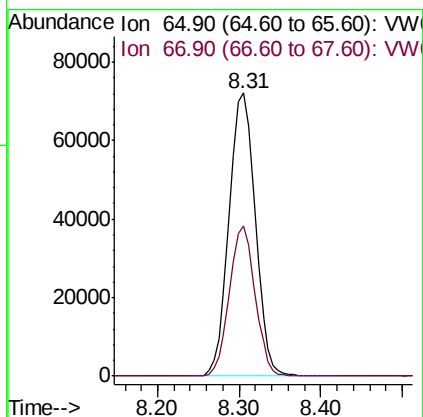
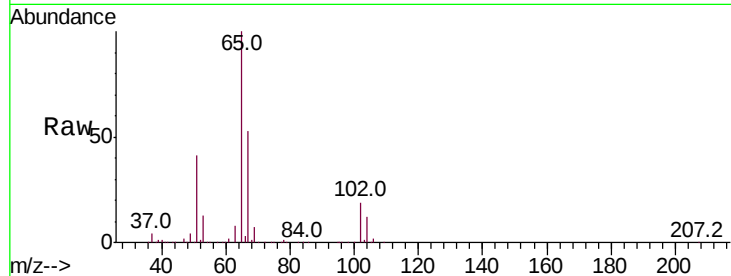
TP-8

Tot Ion: 65 Resp: 160242

Ion Ratio Lower Upper

65 100

67 52.0 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW011548.D

Acq: 27 Jul 2019 06:03

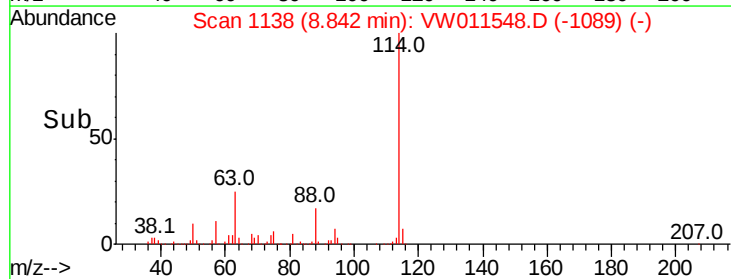
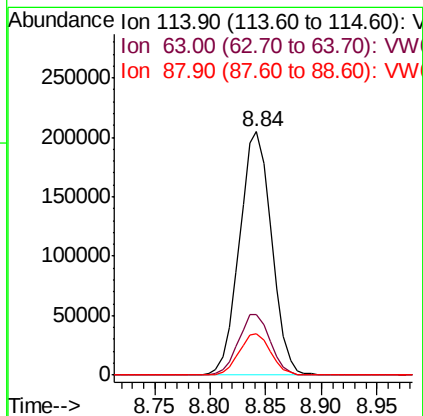
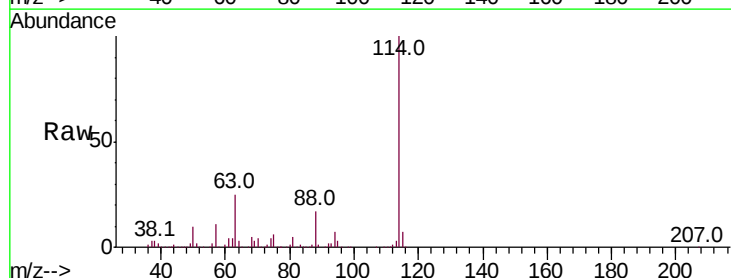
Tgt Ion: 114 Resp: 410687

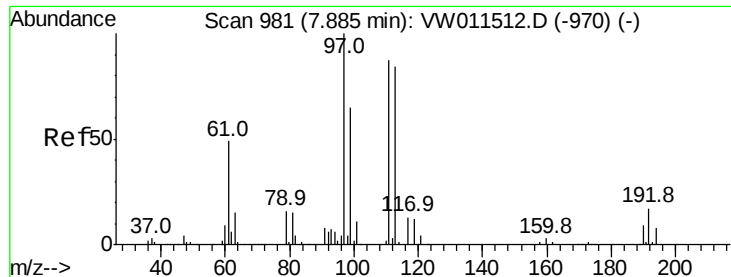
Ion Ratio Lower Upper

114 100

63 24.9 0.0 49.2

88 17.2 0.0 33.8

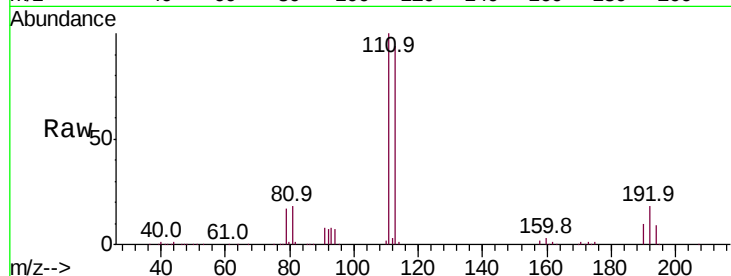




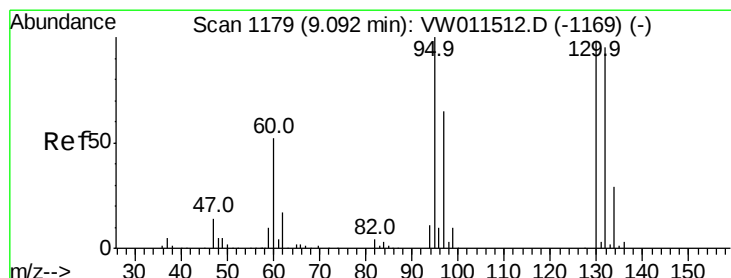
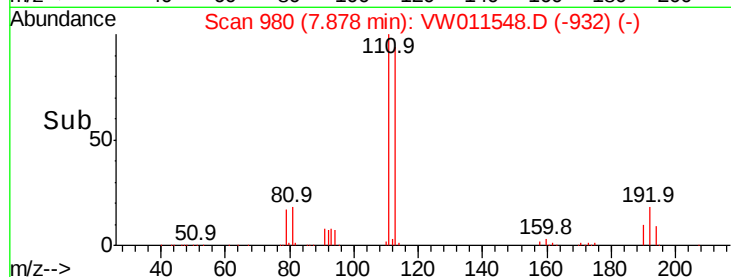
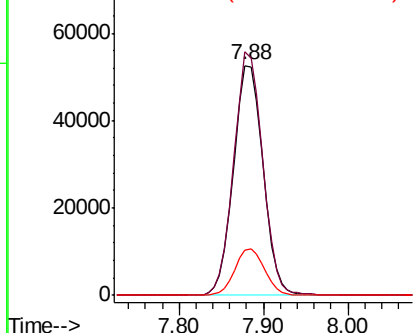
#35
Dibromofluoromethane
Concen: 54.231 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW011548.D
Acq: 27 Jul 2019 06:03

Instrument :
MSVOA_W
ClientSampleId :
TP-8

Tot Ion:113 Resp: 124949
Ion Ratio Lower Upper
113 100
111 103.3 82.7 124.1
192 20.3 16.1 24.1

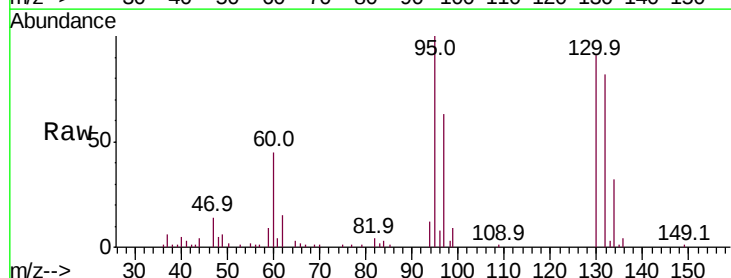


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

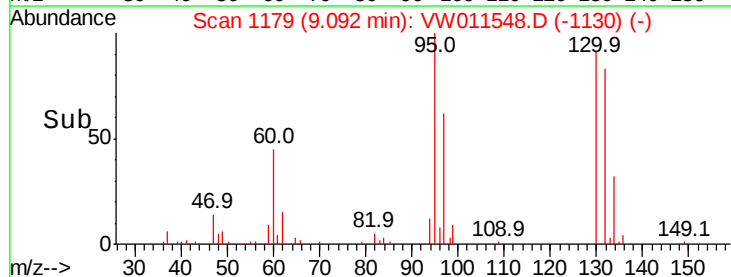
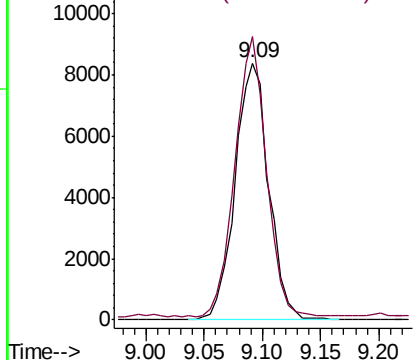


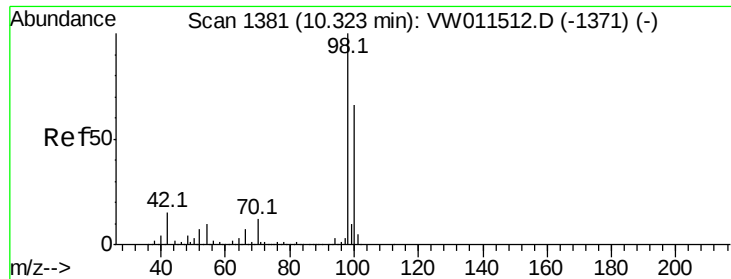
#44
Trichloroethene
Concen: 5.838 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW011548.D
Acq: 27 Jul 2019 06:03

Tgt Ion:130 Resp: 16784
Ion Ratio Lower Upper
130 100
95 108.7 0.0 204.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V

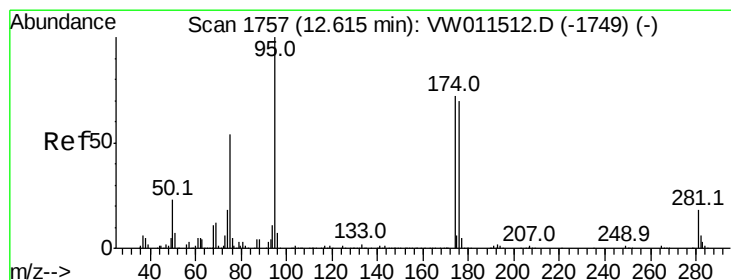
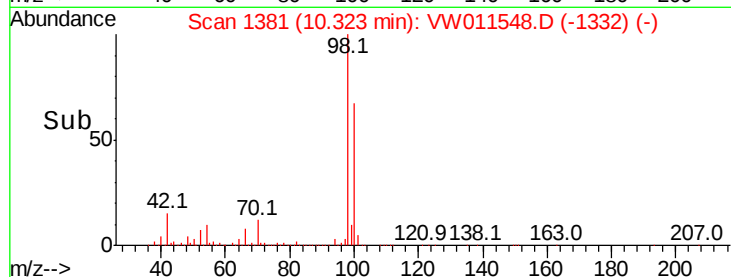
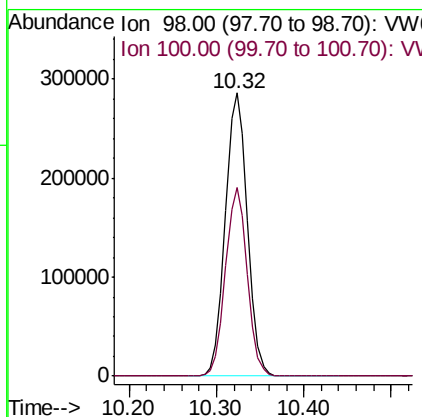
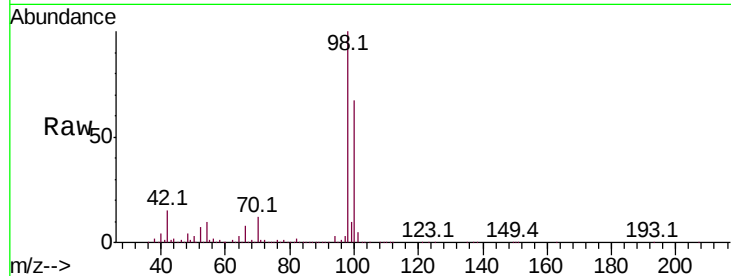




#50
Toluene-d8
Concen: 52.954 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011548.D
Acq: 27 Jul 2019 06:03

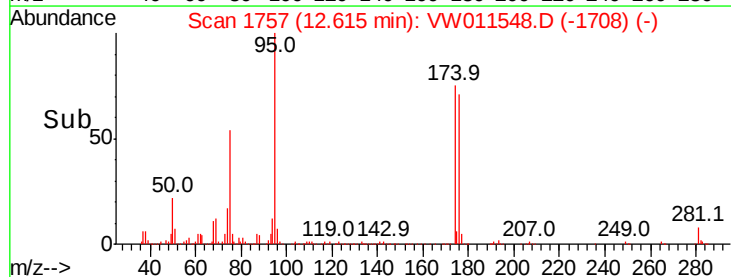
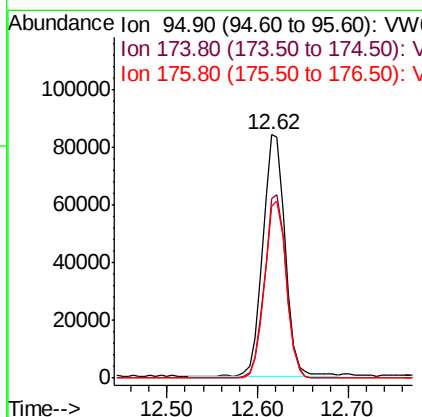
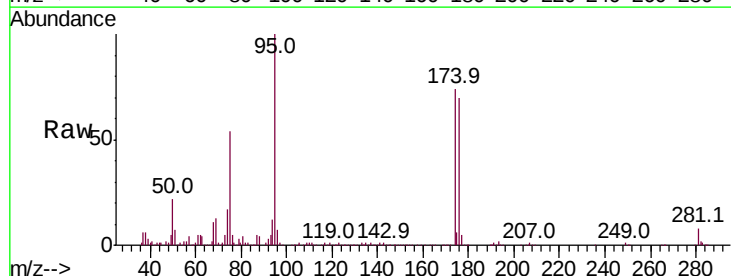
Instrument :
MSVOA_W
ClientSampleId :
TP-8

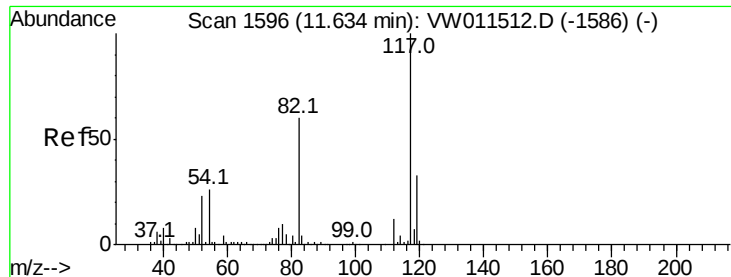
Tot Ion: 98 Resp: 499539
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 42.261 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW011548.D
Acq: 27 Jul 2019 06:03

Tgt Ion: 95 Resp: 142133
Ion Ratio Lower Upper
95 100
174 74.0 0.0 150.2
176 71.4 0.0 144.4

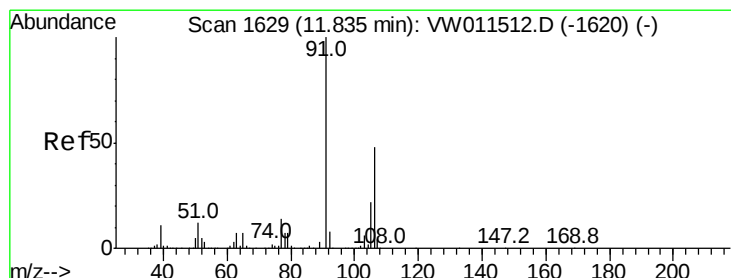
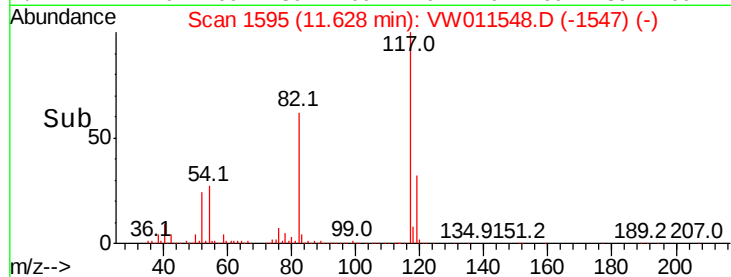
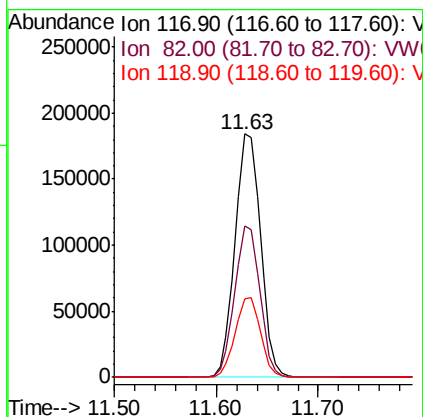
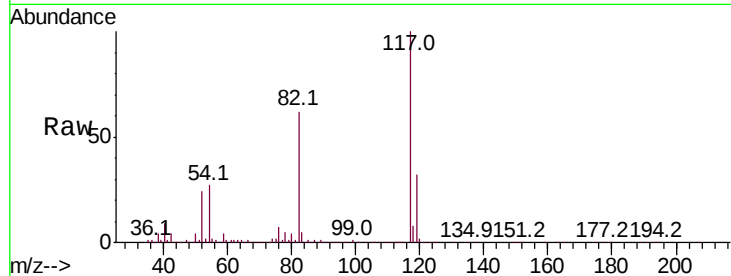




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011548.D
Acq: 27 Jul 2019 06:03

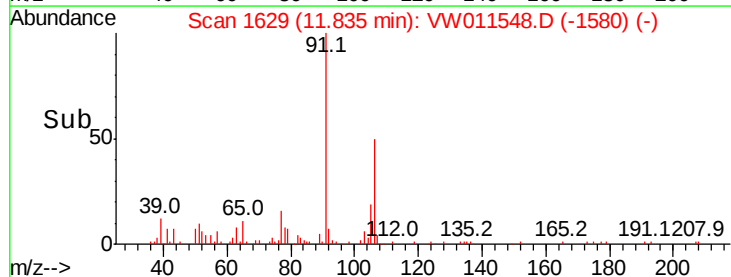
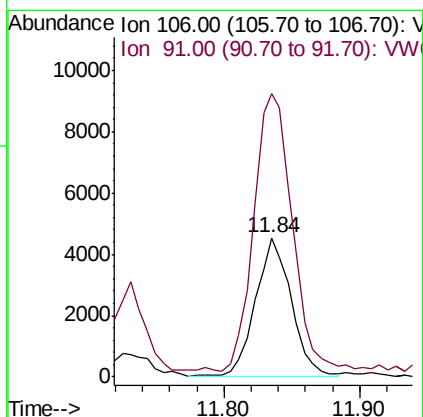
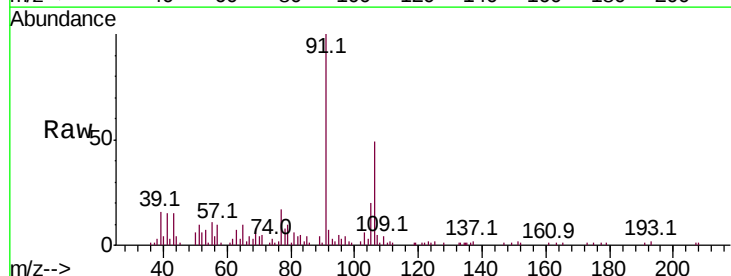
Instrument :
MSVOA_W
ClientSampleId :
TP-8

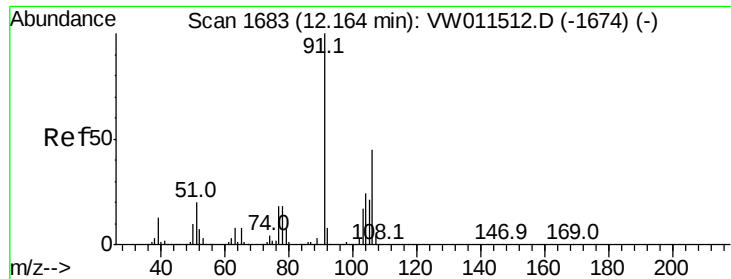
Tot Ion	Ratio	Lower	Upper
117	100		
82	61.9	47.9	71.9
119	32.0	26.2	39.2



#68
m/p-Xylenes
Concen: 1.905 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW011548.D
Acq: 27 Jul 2019 06:03

Tgt Ion	Ratio	Lower	Upper
106	100		
91	211.8	168.2	252.2

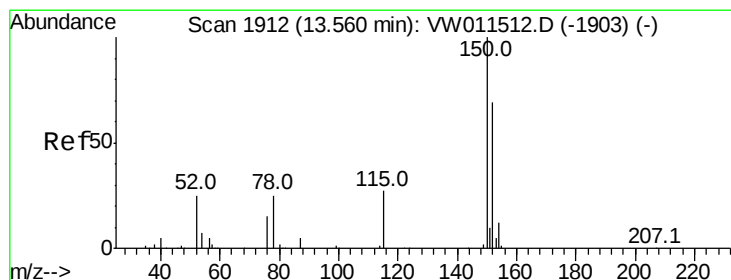
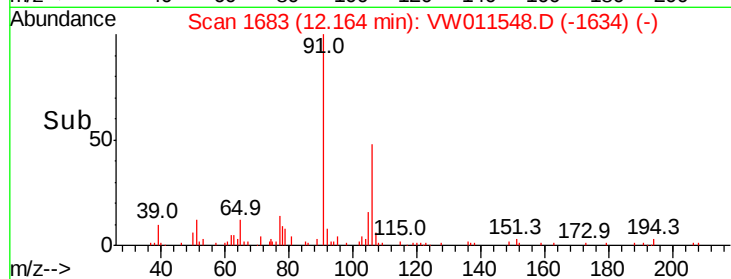
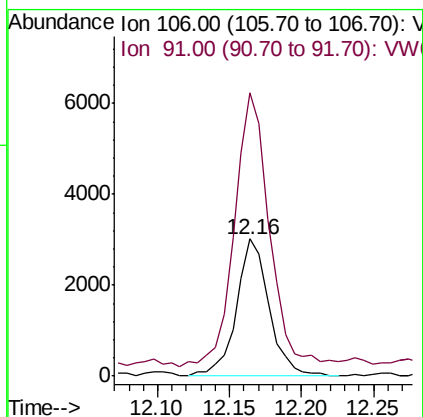
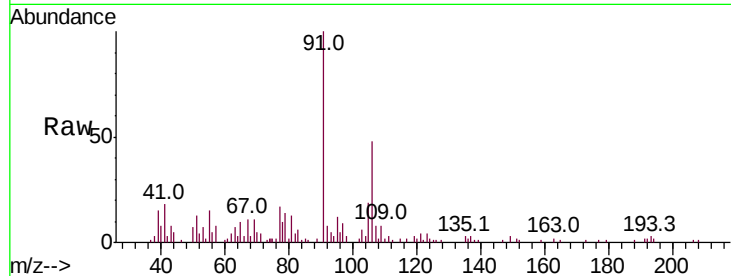




#69
o-Xylene
Concen: 1.159 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011548.D
Acq: 27 Jul 2019 06:03

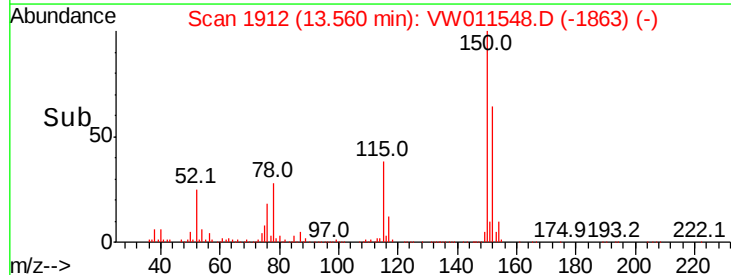
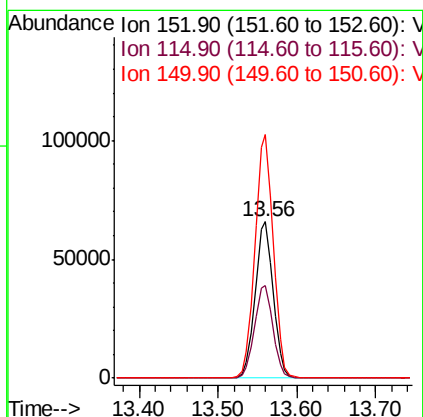
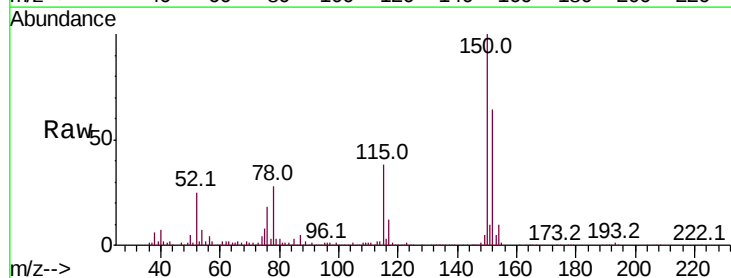
Instrument :
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ClientSampleId :
TP-8

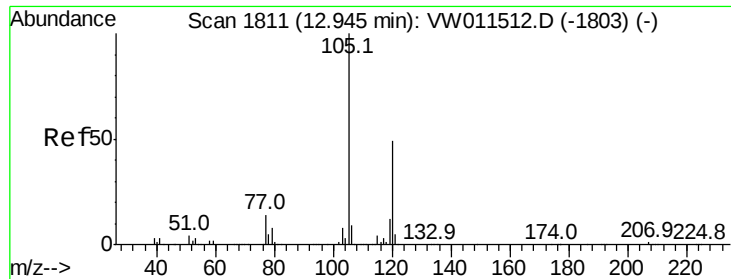
Tot Ion:106 Resp: 4786
Ion Ratio Lower Upper
106 100
91 213.0 110.5 331.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011548.D
Acq: 27 Jul 2019 06:03

Tgt Ion:152 Resp: 105413
Ion Ratio Lower Upper
152 100
115 60.0 30.5 91.5
150 156.0 0.0 352.6

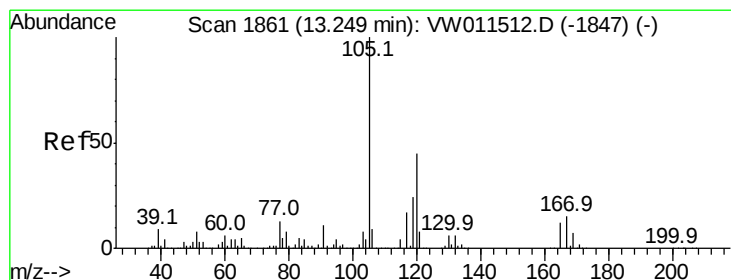
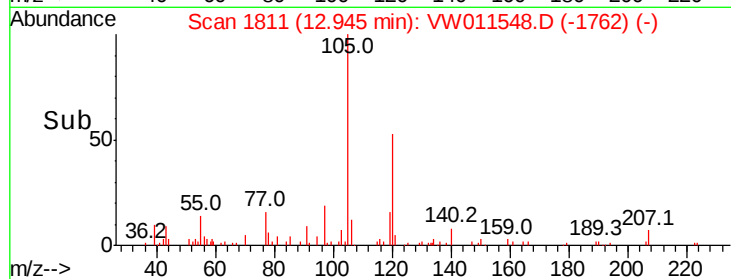
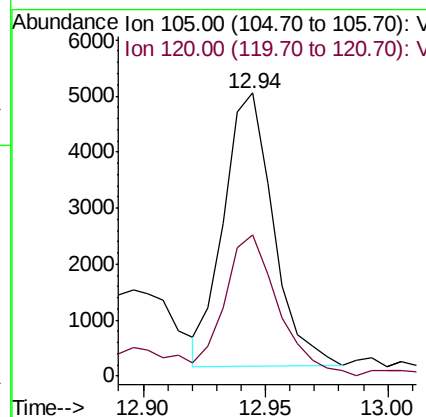
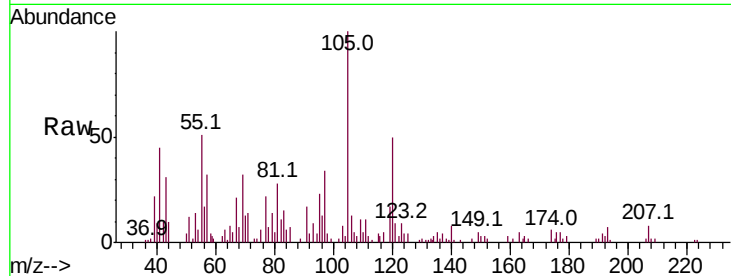




#80
 1,3,5-Trimethylbenzene
 Concen: 1.038 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW011548.D
 Acq: 27 Jul 2019 06:03

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8

Tot Ion:105 Resp: 6840
 Ion Ratio Lower Upper
 105 100
 120 56.2 24.1 72.3



#84
 1,2,4-Trimethylbenzene
 Concen: 1.714 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW011548.D
 Acq: 27 Jul 2019 06:03

Tgt Ion:105 Resp: 11382
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.1 66.5

