

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012420\
 Data File : VW014755.D
 Acq On : 24 Jan 2020 20:02
 Operator : SY/VA
 Sample : L1247-17
 Misc : 6.93G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-10-9

Quant Time: Jan 25 06:11:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 24 13:12:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	503193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	796997	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	641183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	249482	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	280501	57.88	ug/l	0.00
Spiked Amount			Recovery	=	115.76%	
35) Dibromofluoromethane	7.88	113	269562	58.10	ug/l	0.00
Spiked Amount			Recovery	=	116.20%	
50) Toluene-d8	10.32	98	912175	47.68	ug/l	0.00
Spiked Amount			Recovery	=	95.36%	
62) 4-Bromofluorobenzene	12.62	95	257480	40.26	ug/l	0.00
Spiked Amount			Recovery	=	80.52%	

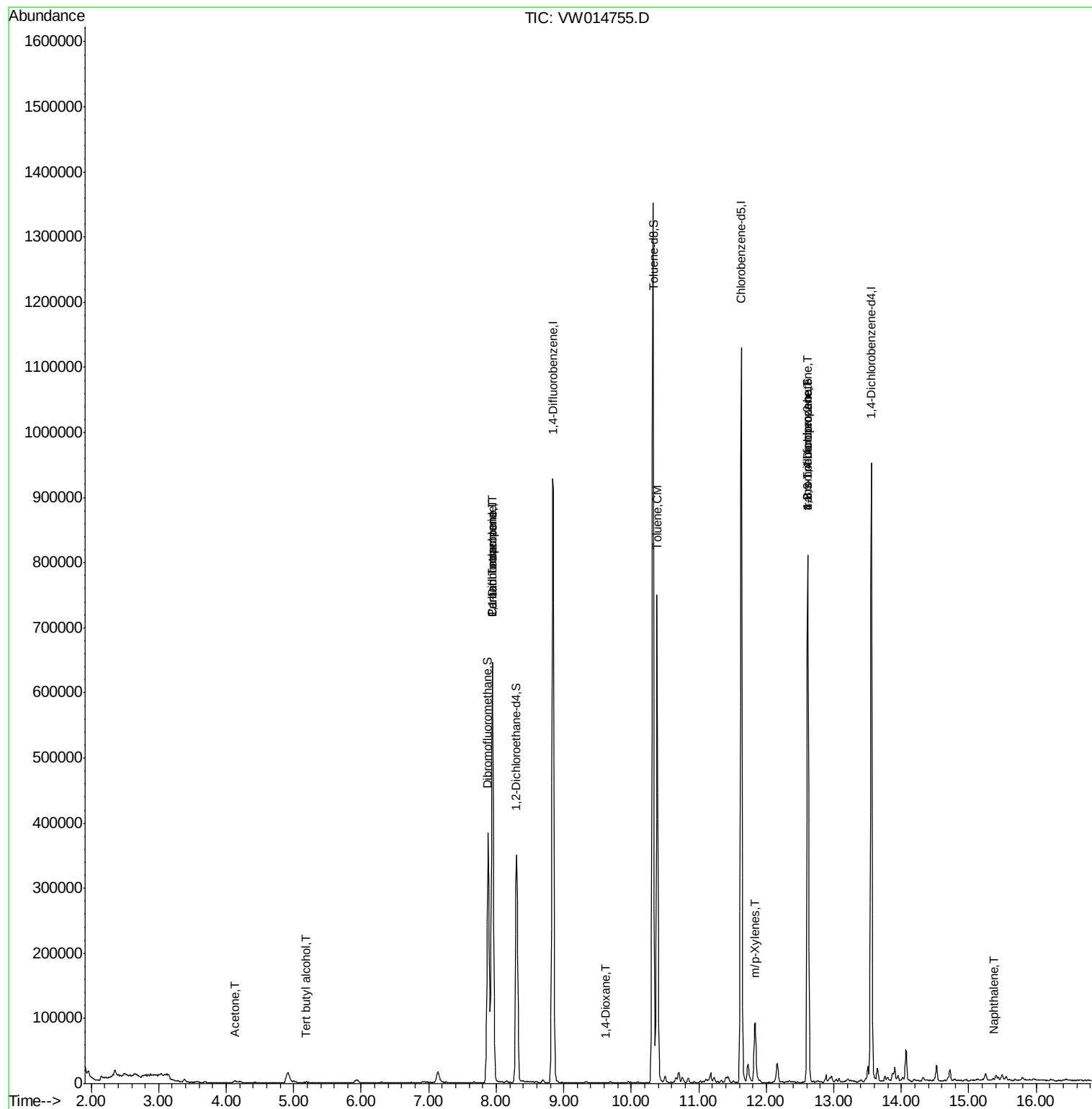
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	1763	5.063	ug/l #	72
16) Acetone	4.14	43	6303	5.175	ug/l #	84
20) Methylene Chloride	4.92	84	14291	Below Cal		92
36) 1,1-Dichloropropene	7.95	75	37684	4.663	ug/l #	50
38) Carbon Tetrachloride	7.94	117	47723	6.780	ug/l #	17
49) 1,4-Dioxane	9.63	88	60	1.248	ug/l #	64
52) Toluene	10.38	92	322767	23.424	ug/l	100
68) m/p-Xylenes	11.84	106	27478	3.076	ug/l	95
76) 1,2,3-Trichloropropane	12.62	75	124401	50.223	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	124401	118.863	ug/l #	11
95) Naphthalene	15.36	128	2687	1.288	ug/l	95

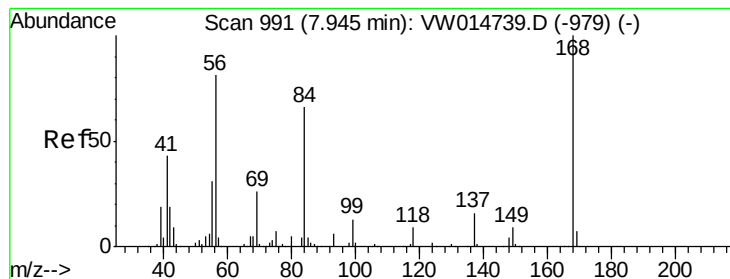
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012420\
Data File : VW014755.D
Acq On : 24 Jan 2020 20:02
Operator : SY/VA
Sample : L1247-17
Misc : 6.93G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-10-9

Quant Time: Jan 25 06:11:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012420S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 24 13:12:20 2020
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: VW014755.D

Acq: 24 Jan 2020 20:02

Instrument :

MSVOA_W

ClientSampled :

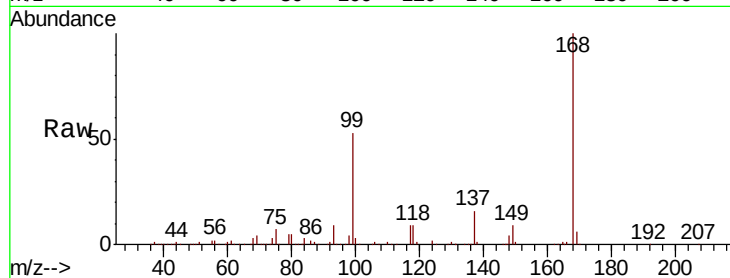
TP-10-9

Tot Ion:168 Resp: 503193

Ion Ratio Lower Upper

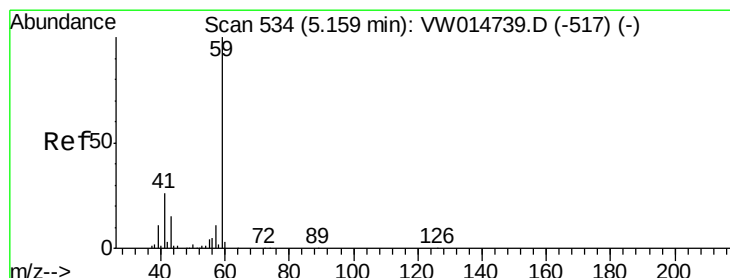
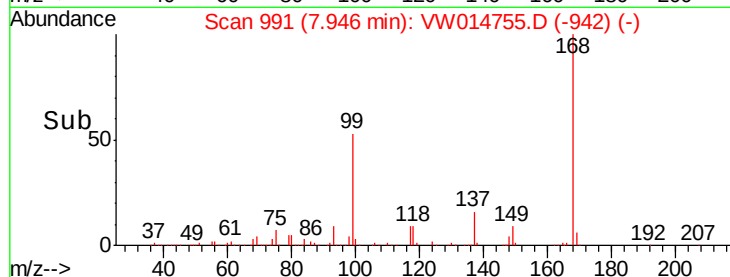
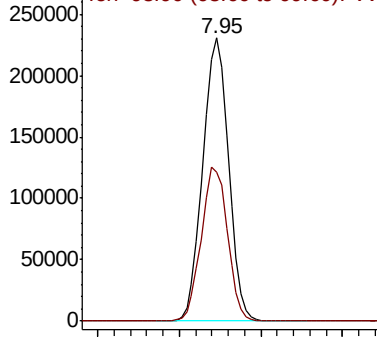
168 100

99 52.7 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 5.063 ug/l

RT: 5.18 min Scan# 538

Delta R.T. 0.02 min

Lab File: VW014755.D

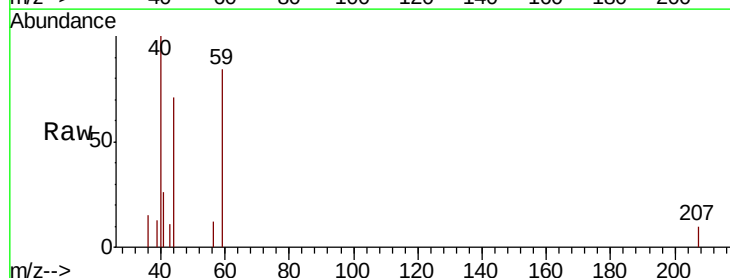
Acq: 24 Jan 2020 20:02

Tgt Ion: 59 Resp: 1763

Ion Ratio Lower Upper

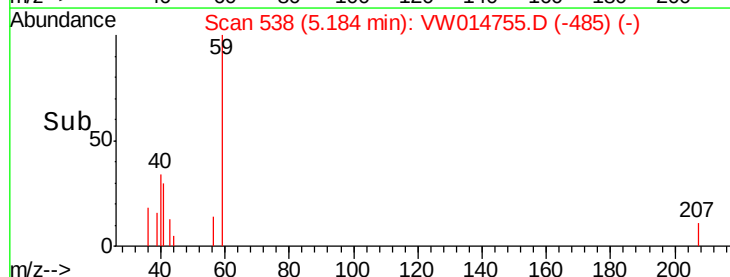
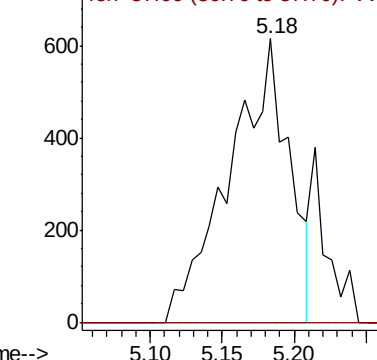
59 100

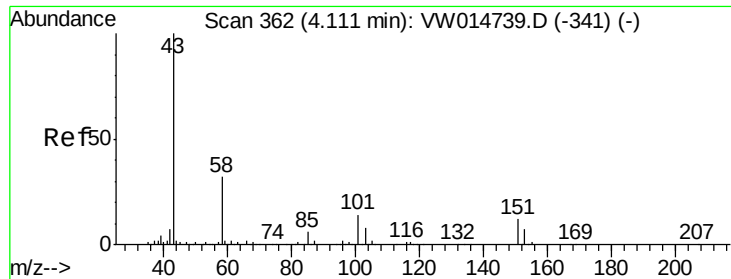
57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

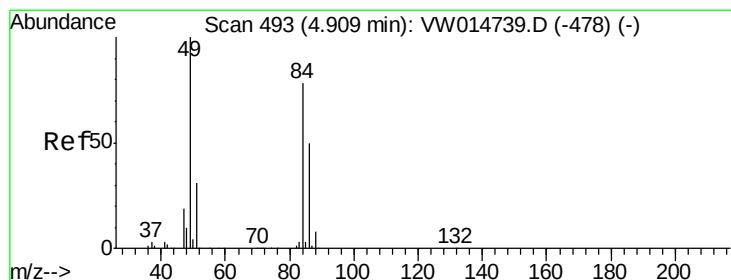
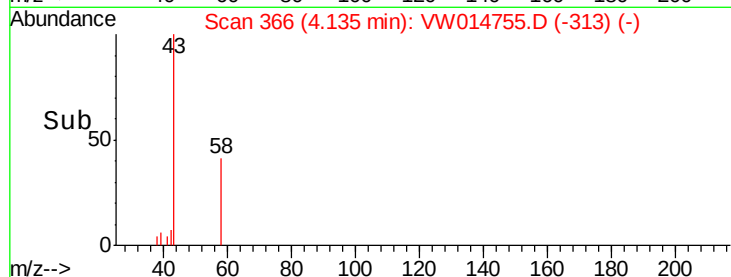
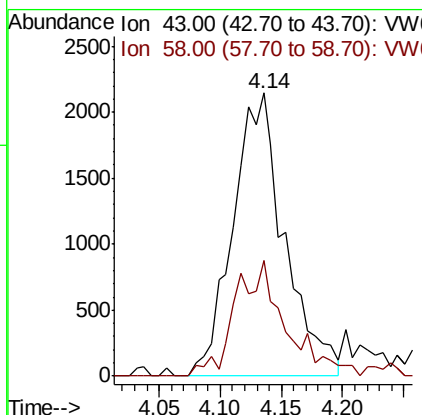
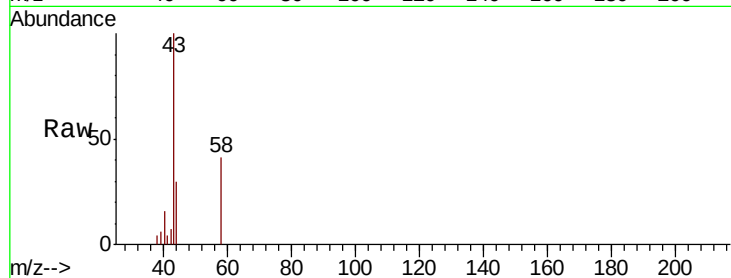




#16
Acetone
Concen: 5.175 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.02 min
Lab File: VW014755.D
Acq: 24 Jan 2020 20:02

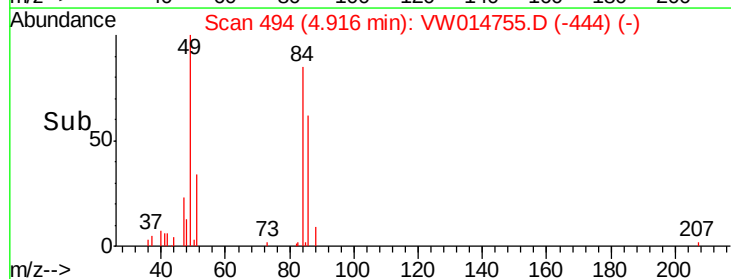
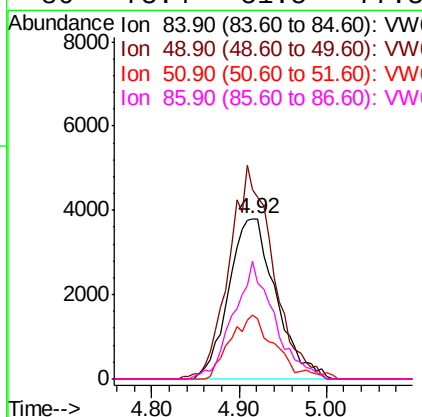
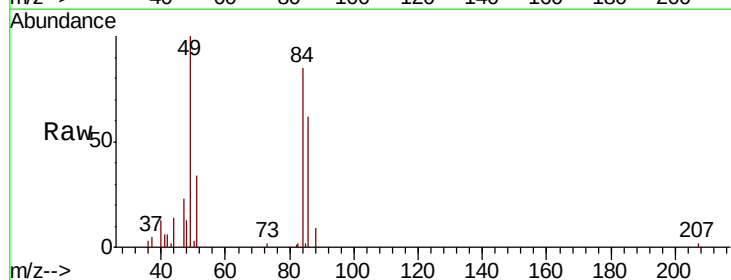
Instrument :
MSVOA_W
ClientSampled :
TP-10-9

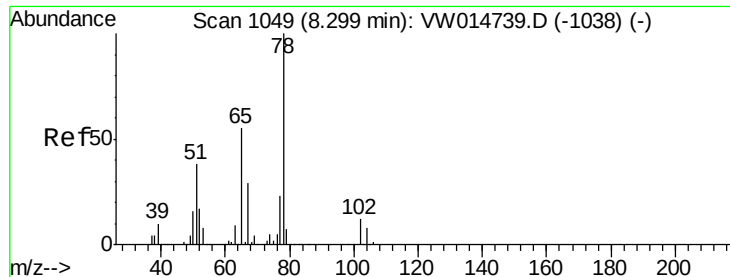
Tot Ion: 43 Resp: 6303
Ion Ratio Lower Upper
43 100
58 41.0 25.6 38.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW014755.D
Acq: 24 Jan 2020 20:02

Tgt Ion: 84 Resp: 14291
Ion Ratio Lower Upper
84 100
49 118.3 103.1 154.7
51 39.7 32.1 48.1
86 73.4 51.5 77.3

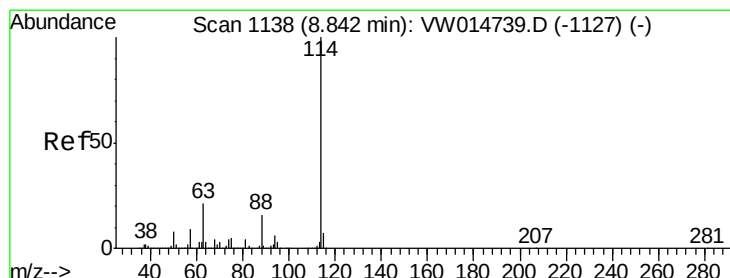
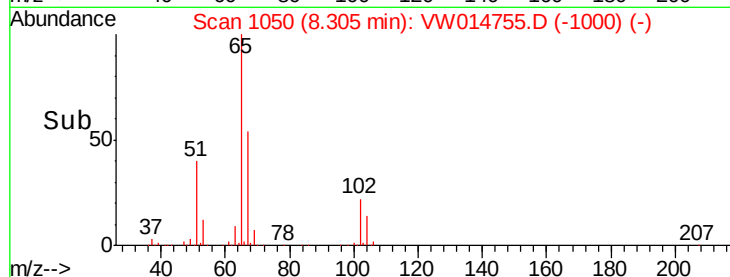
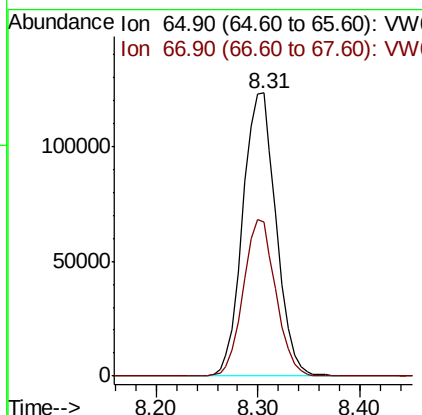
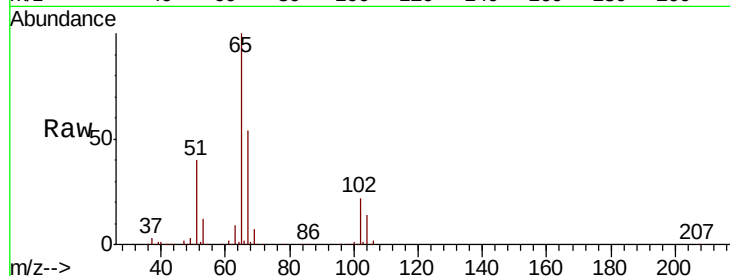




#33
 1,2-Dichloroethane-d4
 Concen: 57.878 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VW014755.D
 Acq: 24 Jan 2020 20:02

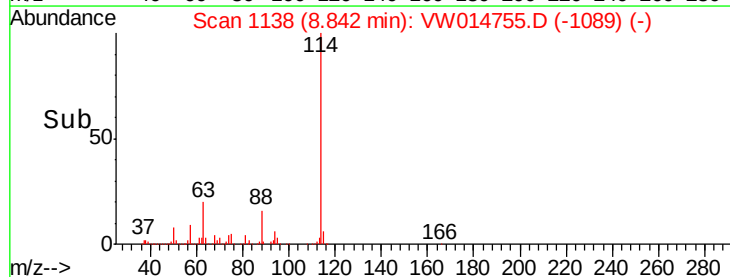
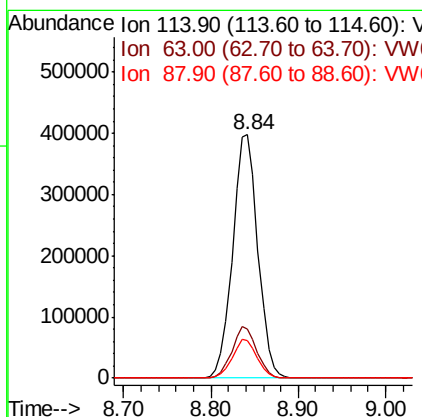
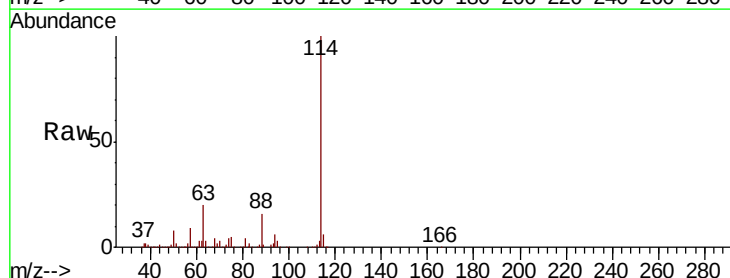
Instrument :
 MSVOA_W
 ClientSampled :
 TP-10-9

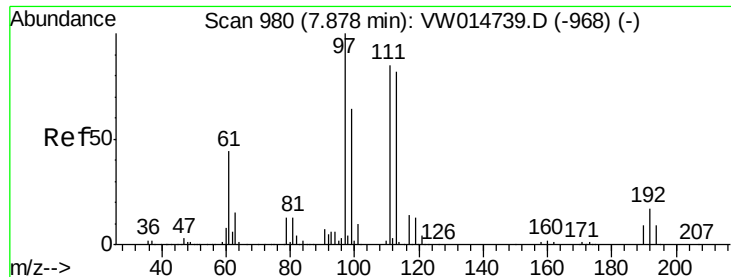
Tot Ion: 65 Resp: 280501
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW014755.D
 Acq: 24 Jan 2020 20:02

Tgt Ion: 114 Resp: 796997
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.2
 88 15.5 0.0 32.2

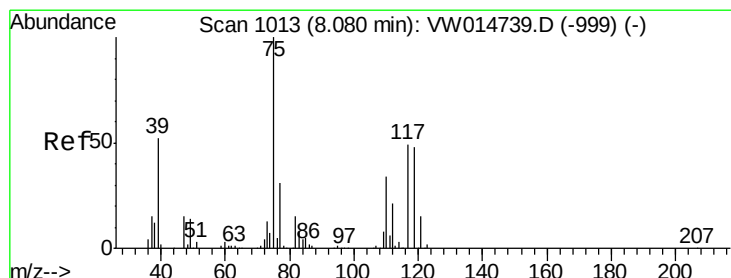
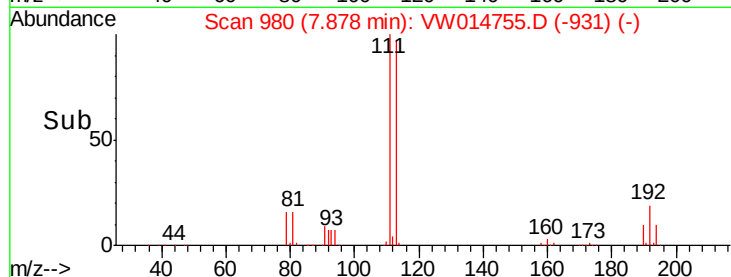
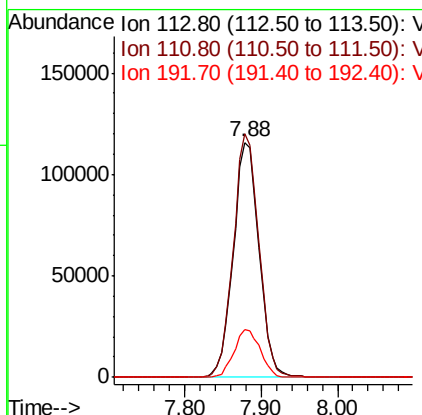
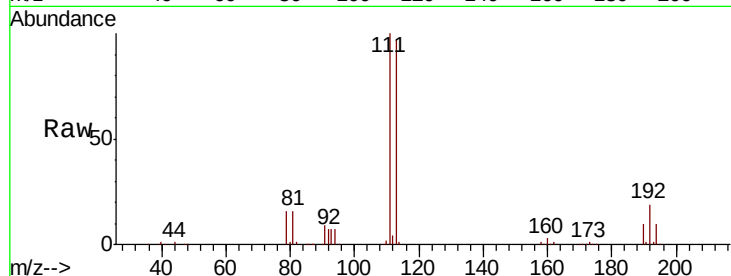




#35
 Dibromofluoromethane
 Concen: 58.104 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW014755.D
 Acq: 24 Jan 2020 20:02

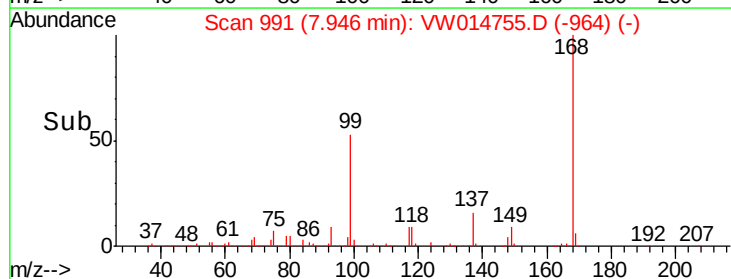
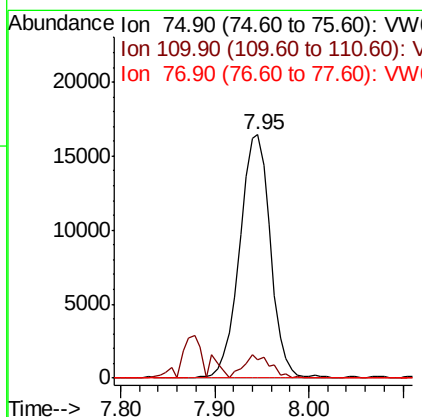
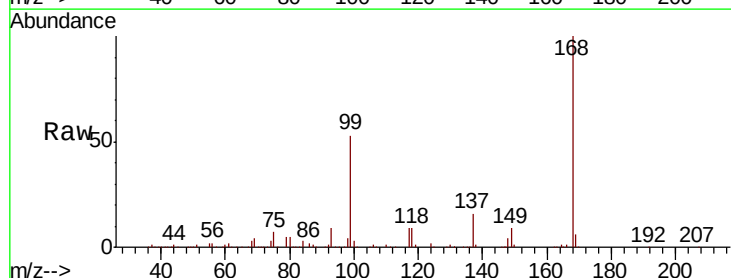
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-10-9

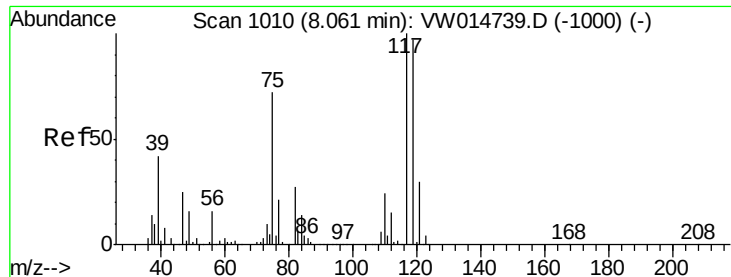
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.2
192	20.8	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 4.663 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW014755.D
 Acq: 24 Jan 2020 20:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	17.1	51.2#
77	0.0	24.8	37.2#

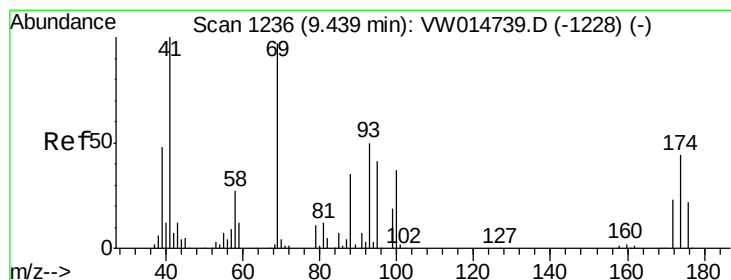
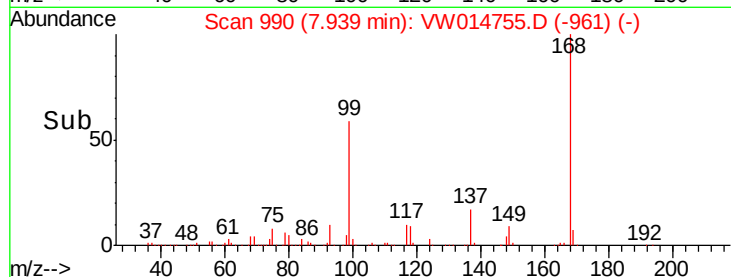
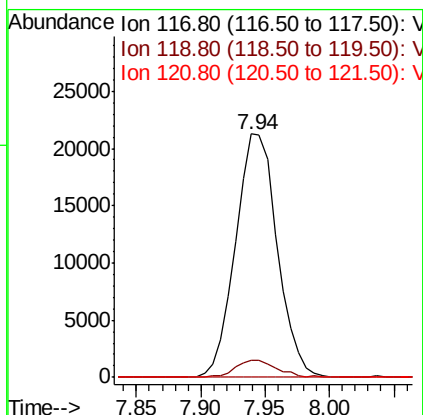
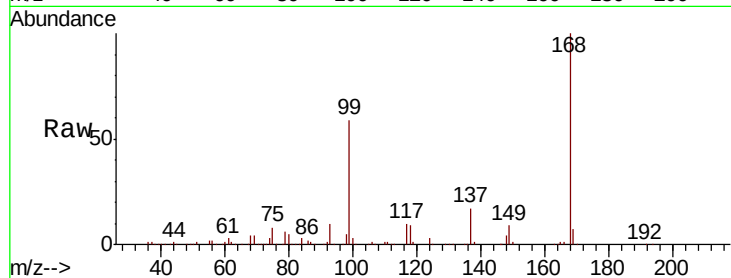




#38
 Carbon Tetrachloride
 Concen: 6.780 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.12 min
 Lab File: VW014755.D
 Acq: 24 Jan 2020 20:02

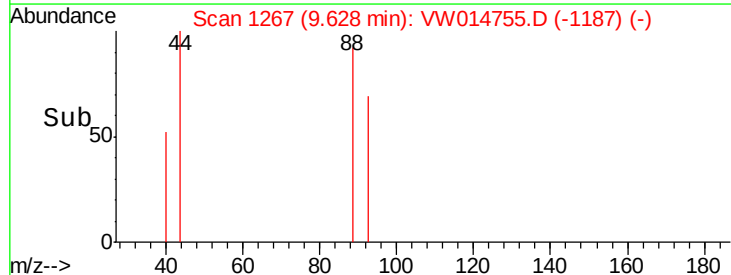
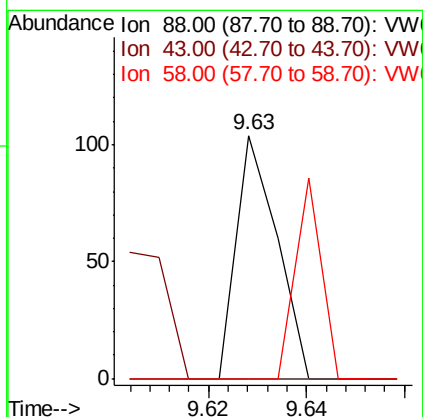
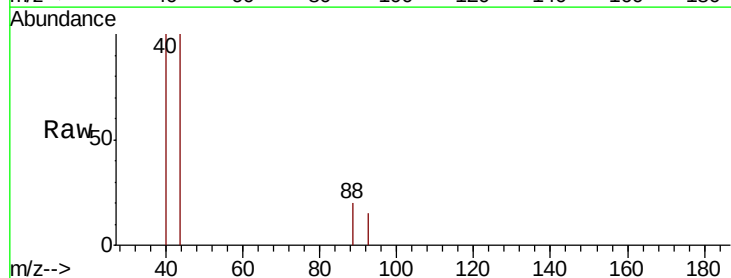
Instrument :
 MSVOA_W
 ClientSampled :
 TP-10-9

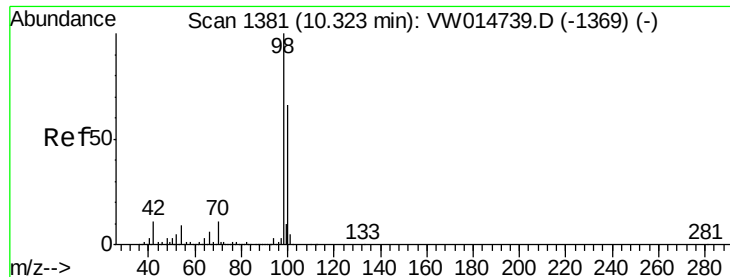
Tot Ion:117 Resp: 47723
 Ion Ratio Lower Upper
 117 100
 119 6.8 77.5 116.3#
 121 0.0 24.3 36.5#



#49
 1,4-Dioxane
 Concen: 1.248 ug/l
 RT: 9.63 min Scan# 1267
 Delta R.T. 0.19 min
 Lab File: VW014755.D
 Acq: 24 Jan 2020 20:02

Tgt Ion: 88 Resp: 60
 Ion Ratio Lower Upper
 88 100
 43 0.0 27.1 40.7#
 58 51.7 58.7 88.1#





#50

Toluene-d8

Concen: 47.683 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW014755.D

Acq: 24 Jan 2020 20:02

Instrument :

MSVOA_W

ClientSampleId :

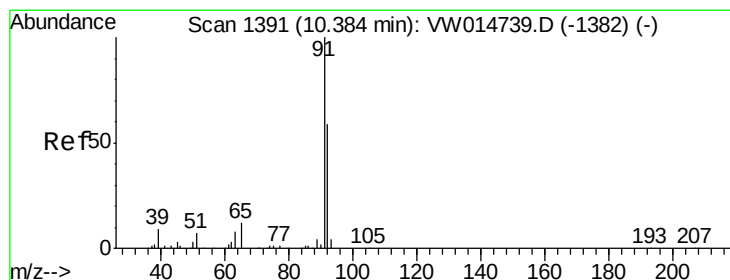
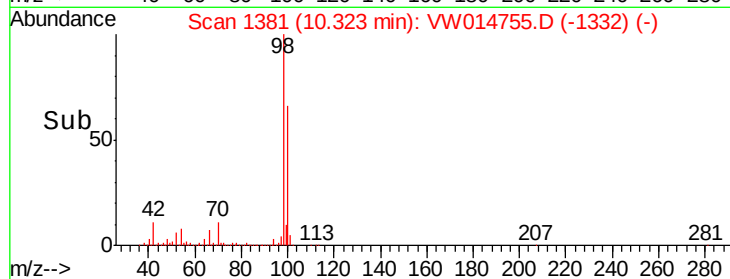
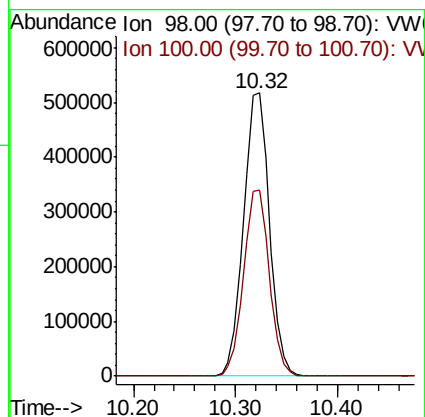
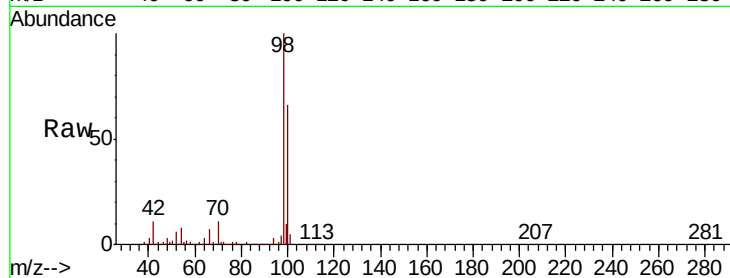
TP-10-9

Tot Ion: 98 Resp: 912175

Ion Ratio Lower Upper

98 100

100 65.5 52.6 79.0



#52

Toluene

Concen: 23.424 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW014755.D

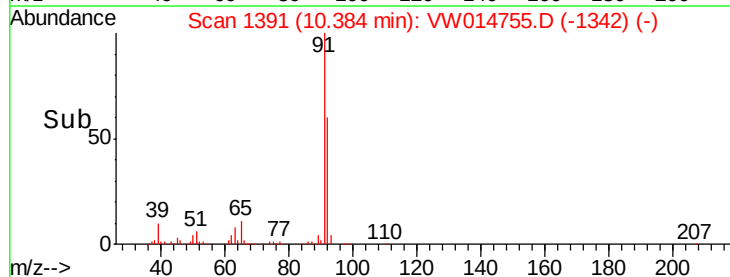
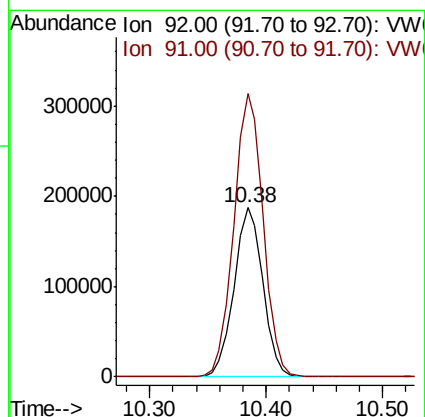
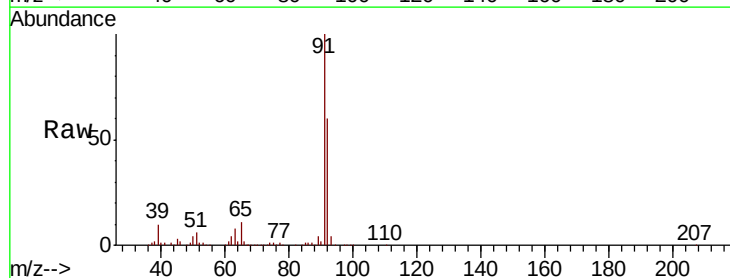
Acq: 24 Jan 2020 20:02

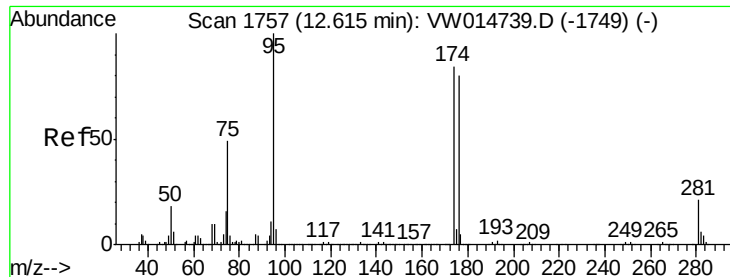
Tgt Ion: 92 Resp: 322767

Ion Ratio Lower Upper

92 100

91 170.3 135.8 203.8

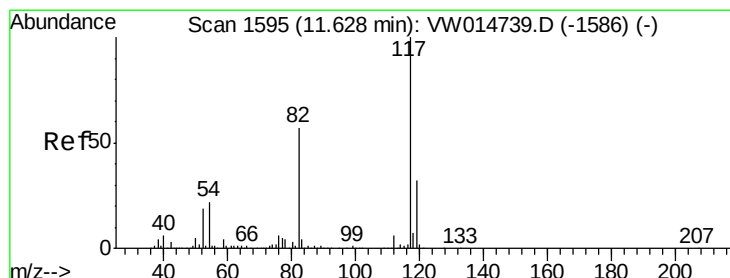
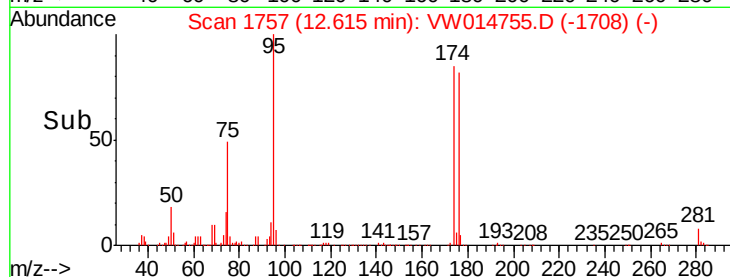
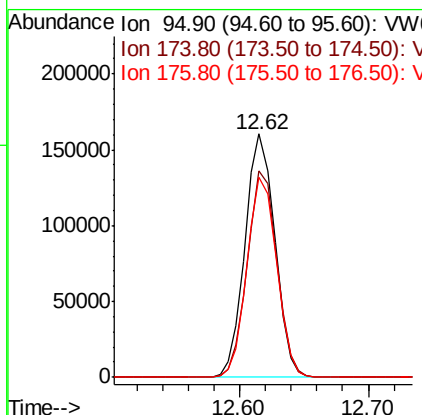
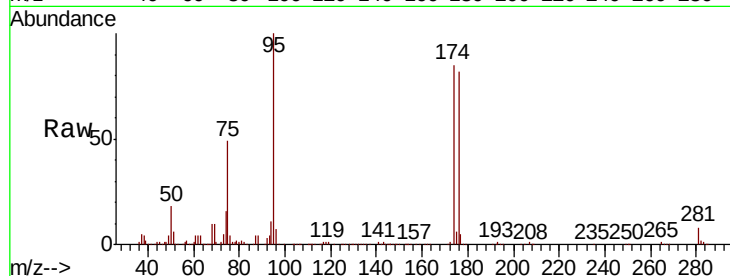




#62
4-Bromofluorobenzene
Concen: 40.257 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW014755.D
Acq: 24 Jan 2020 20:02

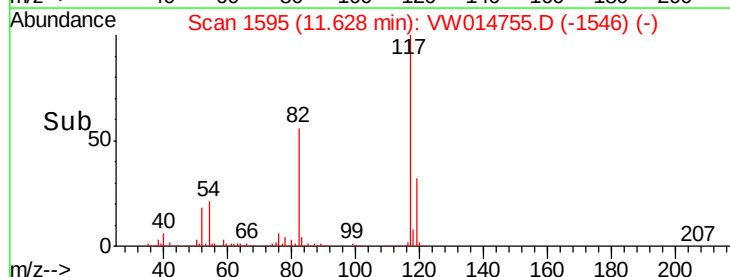
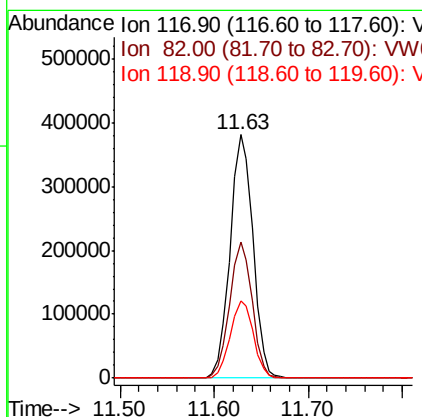
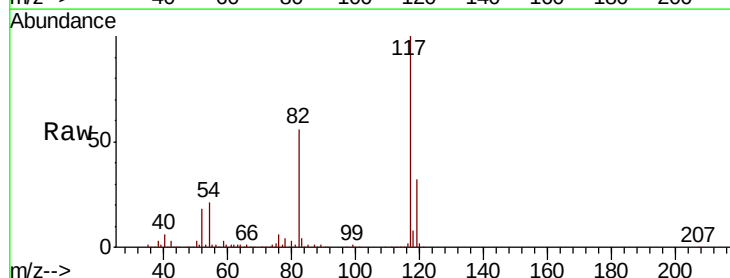
Instrument :
MSVOA_W
ClientSampleId :
TP-10-9

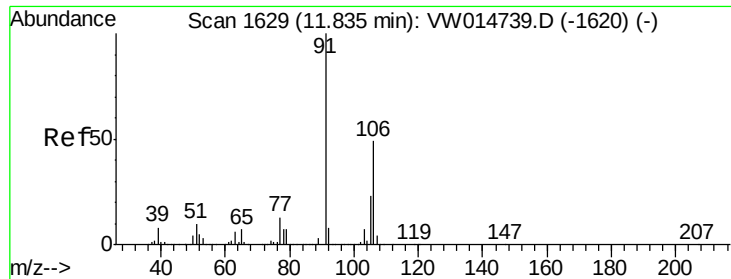
Tot Ion: 95 Resp: 257480
Ion Ratio Lower Upper
95 100
174 84.2 0.0 163.0
176 81.8 0.0 159.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014755.D
Acq: 24 Jan 2020 20:02

Tgt Ion: 117 Resp: 641183
Ion Ratio Lower Upper
117 100
82 56.1 45.9 68.9
119 31.7 25.7 38.5

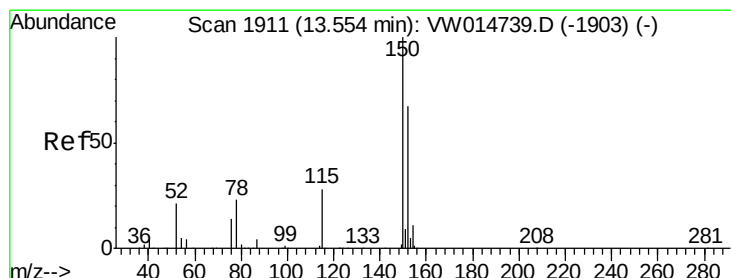
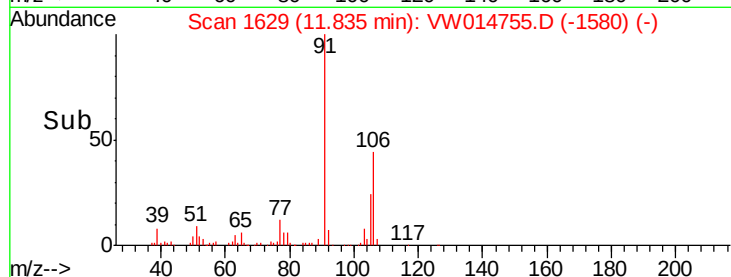
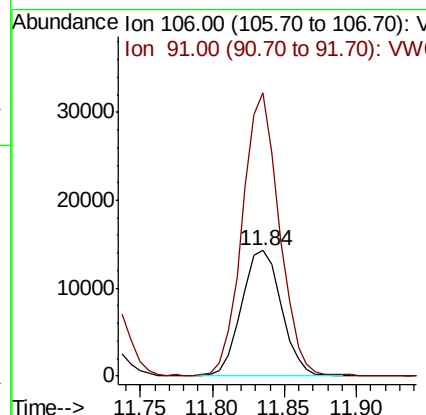
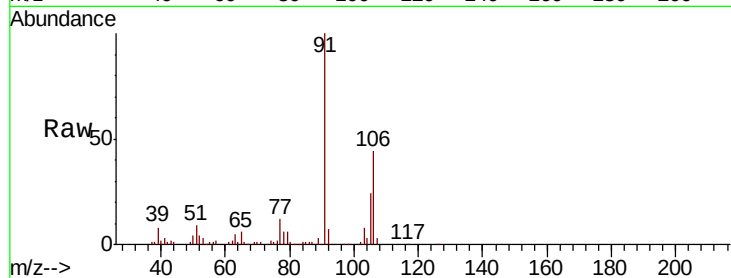




#68
m/p-Xvlenes
Concen: 3.076 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW014755.D
Acq: 24 Jan 2020 20:02

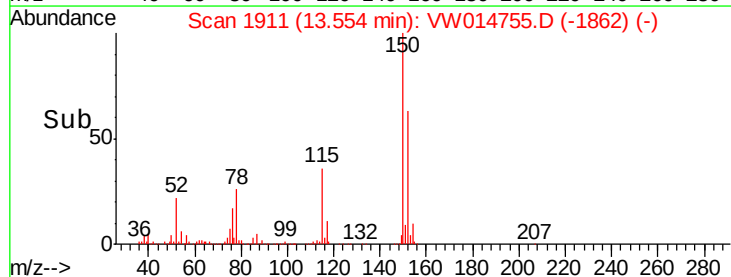
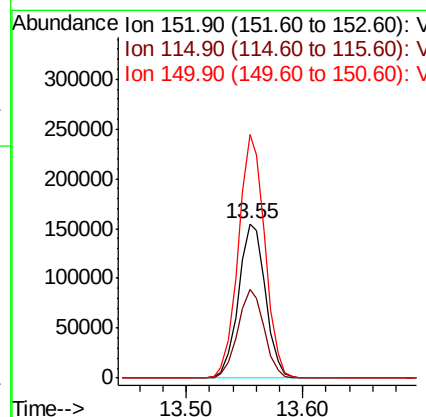
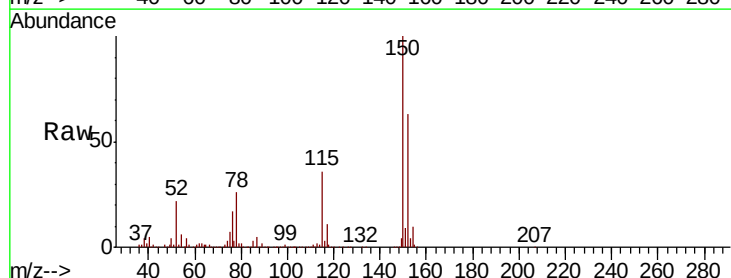
Instrument :
MSVOA_W
ClientSampleId :
TP-10-9

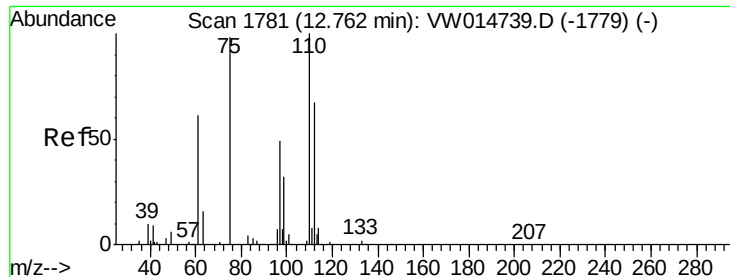
Tot Ion:106 Resp: 27478
Ion Ratio Lower Upper
106 100
91 209.4 161.4 242.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VW014755.D
Acq: 24 Jan 2020 20:02

Tgt Ion:152 Resp: 249482
Ion Ratio Lower Upper
152 100
115 56.6 29.0 87.1
150 155.0 0.0 354.0

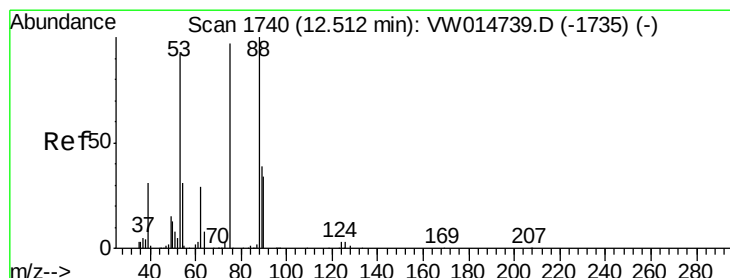
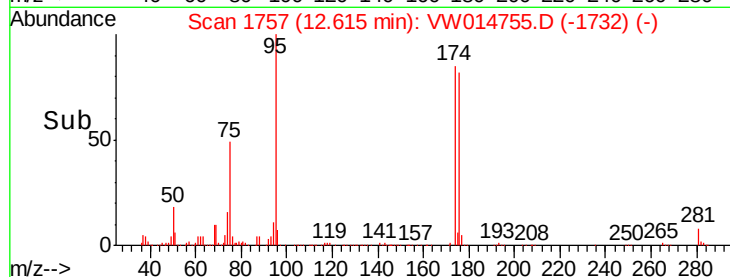
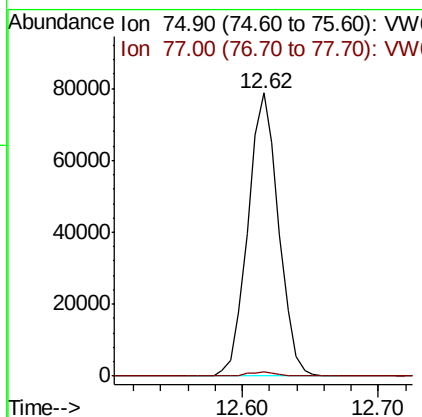
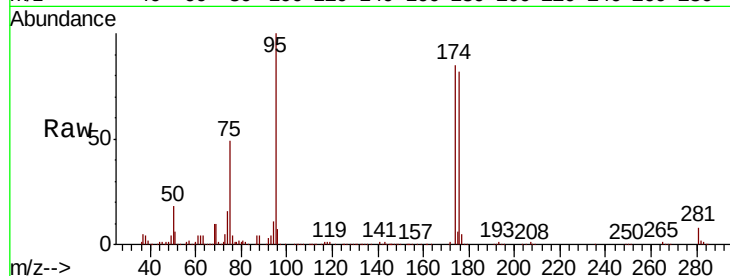




#76
 1,2,3-Trichloropropane
 Concen: 50.223 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW014755.D
 Acq: 24 Jan 2020 20:02

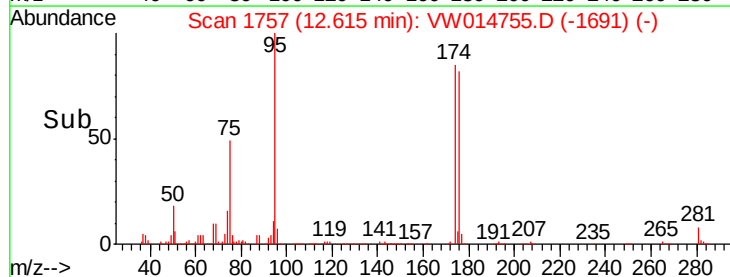
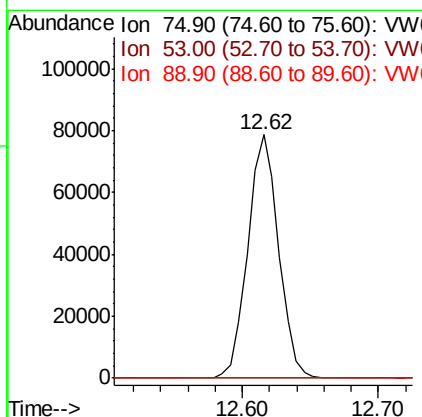
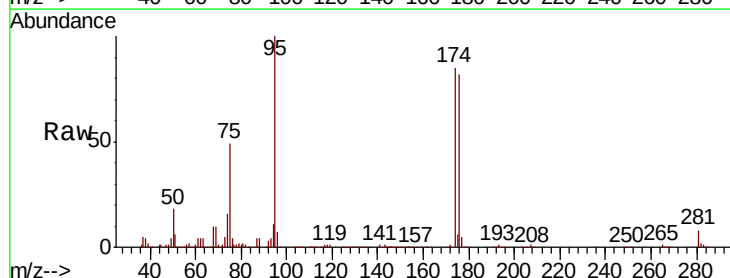
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-10-9

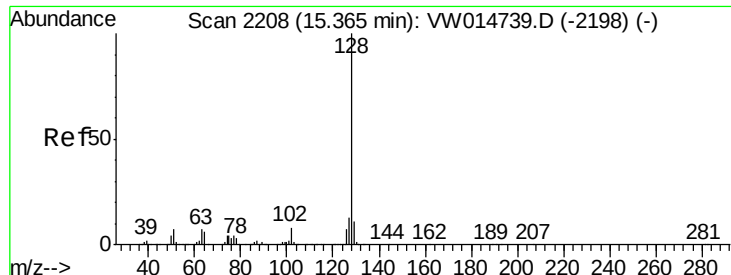
Tot Ion: 75 Resp: 124401
 Ion Ratio Lower Upper
 75 100
 77 1.4 167.9 503.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.863 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW014755.D
 Acq: 24 Jan 2020 20:02

Tgt Ion: 75 Resp: 124401
 Ion Ratio Lower Upper
 75 100
 53 0.2 77.0 115.4#
 89 0.0 35.2 52.8#





#95

Naphthalene

Concen: 1.288 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW014755.D

Acq: 24 Jan 2020 20:02

Instrument :

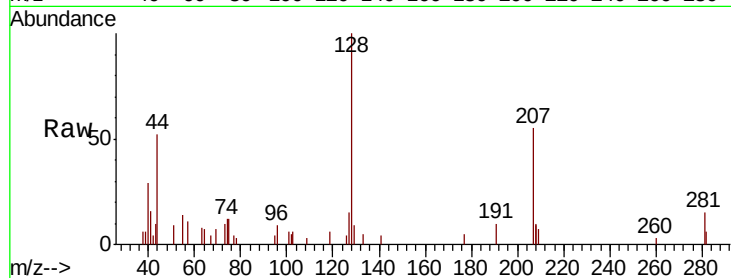
MSVOA_W

ClientSampleId :

TP-10-9

Tot Ion:128 Resp: 2687

Ion	Ratio	Lower	Upper
128	100		
127	15.6	10.6	15.8
129	12.6	8.8	13.2



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

