

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010320\
 Data File : VW014513.D
 Acq On : 03 Jan 2020 21:42
 Operator : SY/VA
 Sample : K6482-07
 Misc : 4.85G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 06 00:46:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	725758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1149143	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	908029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	327618	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	364254	57.40	ug/l	0.00
Spiked Amount			Recovery	=	114.80%	
35) Dibromofluoromethane	7.88	113	374575	57.03	ug/l	0.00
Spiked Amount			Recovery	=	114.06%	
50) Toluene-d8	10.32	98	1421896	51.88	ug/l	0.00
Spiked Amount			Recovery	=	103.76%	
62) 4-Bromofluorobenzene	12.62	95	394145	42.40	ug/l	0.00
Spiked Amount			Recovery	=	84.80%	

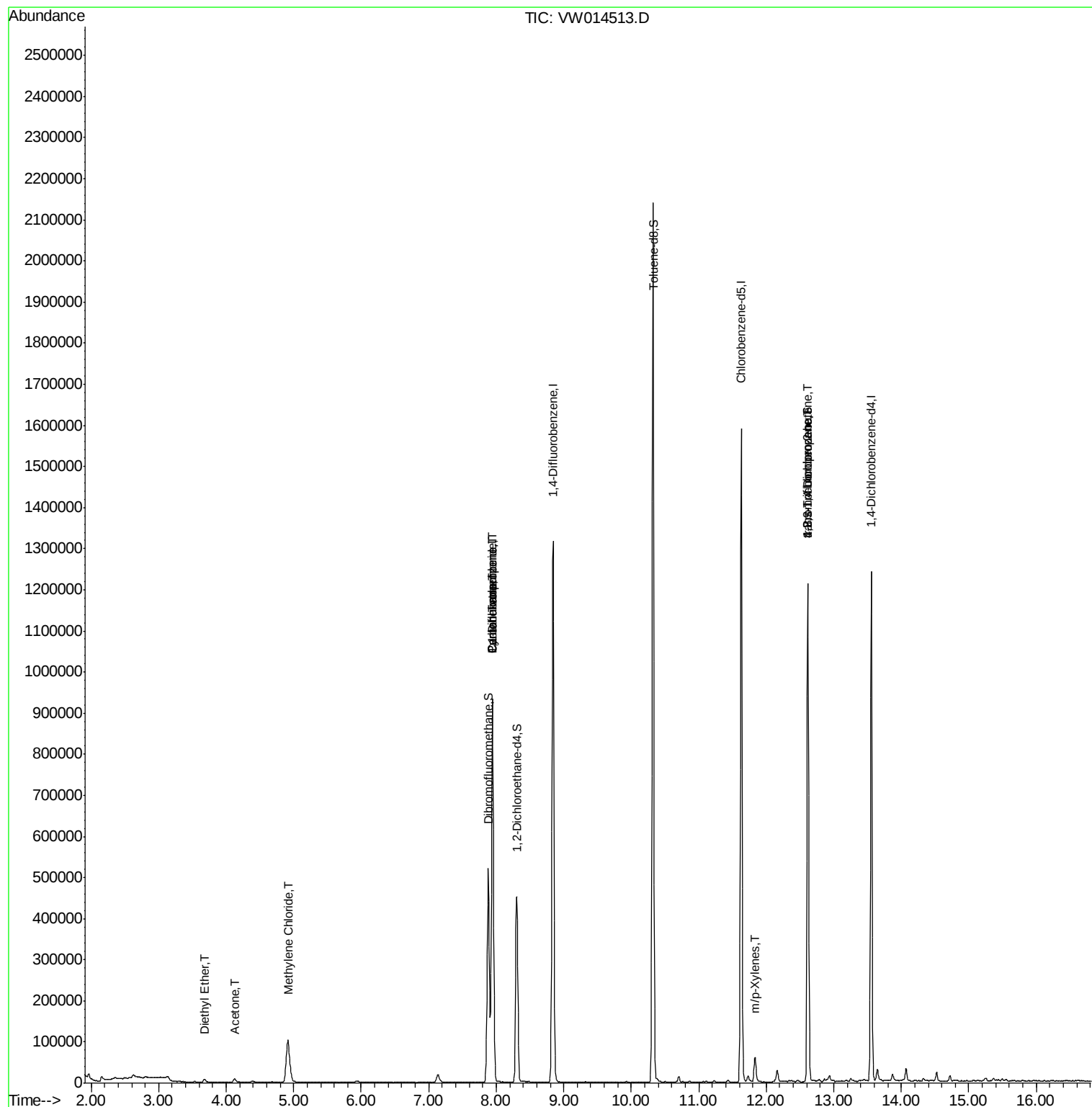
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.67	74	4262	1.160	ug/l	79
11) Tert butyl alcohol	5.12	59	333	Below Cal	#	73
16) Acetone	4.12	43	15049	8.399	ug/l	96
20) Methylene Chloride	4.92	84	93234	9.176	ug/l	94
31) Cyclohexane	7.95	56	13705	1.012	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	51855	4.681	ug/l #	49
38) Carbon Tetrachloride	7.95	117	66756	6.946	ug/l #	16
68) m/p-Xylenes	11.83	106	18443	1.437	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	188871	60.974	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	188871	135.852	ug/l #	14

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 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: VW014513.D

Acq: 03 Jan 2020 21:42

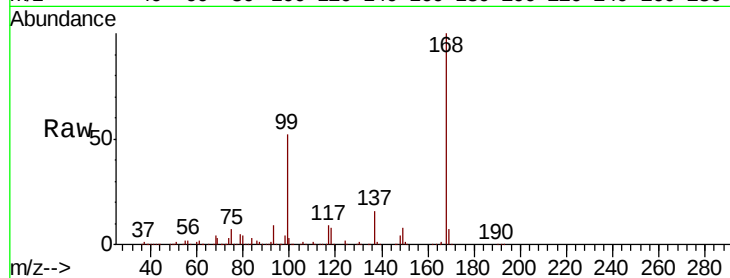
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 725758

Ion Ratio Lower Upper

168 100

99 52.2 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

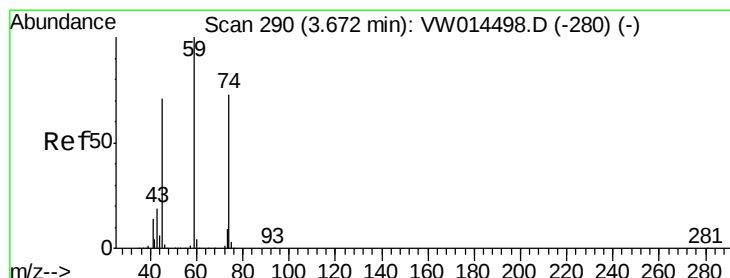
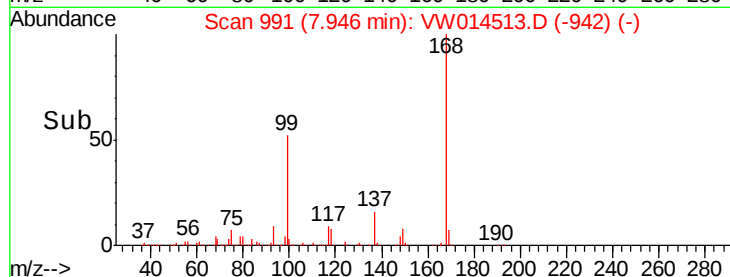
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 1.160 ug/l

RT: 3.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VW014513.D

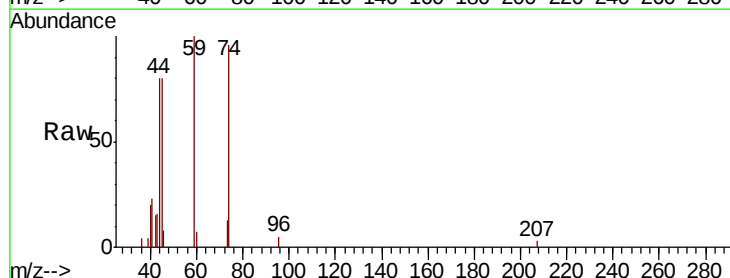
Acq: 03 Jan 2020 21:42

Tgt Ion: 74 Resp: 4262

Ion Ratio Lower Upper

74 100

45 117.9 48.6 145.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

2000

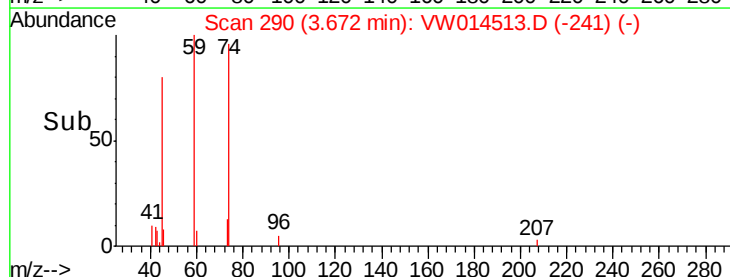
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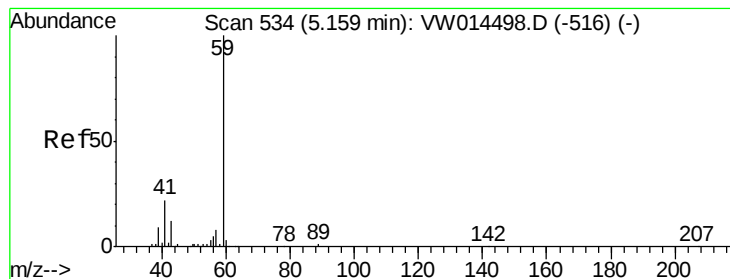
1000

500

0

Time-->



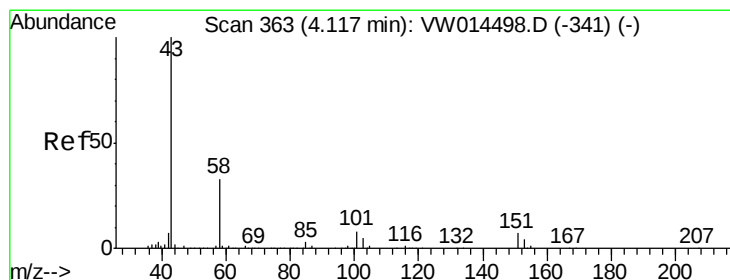
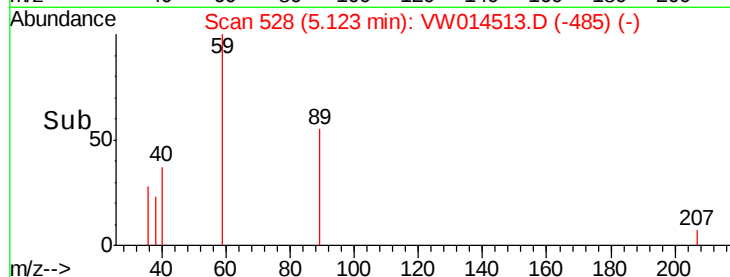
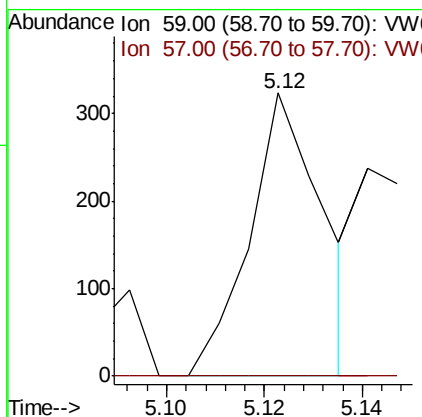
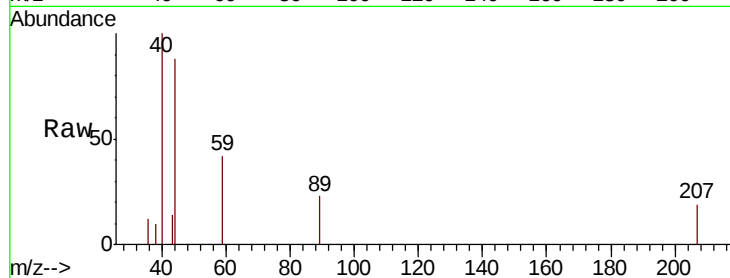


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 5.12 min Scan# 528
 Delta R.T. -0.04 min
 Lab File: VW014513.D
 Acq: 03 Jan 2020 21:42

Instrument :
 MSVOA_W
 ClientSampleId :

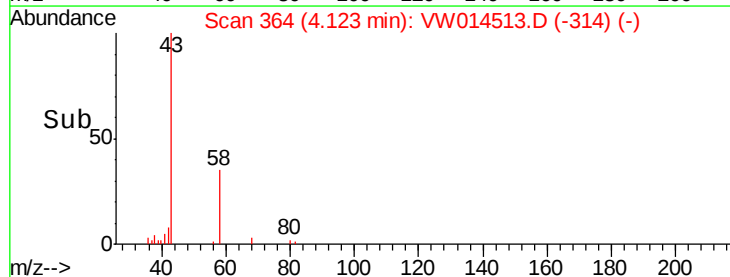
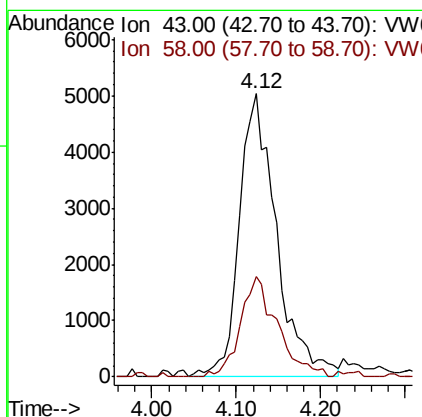
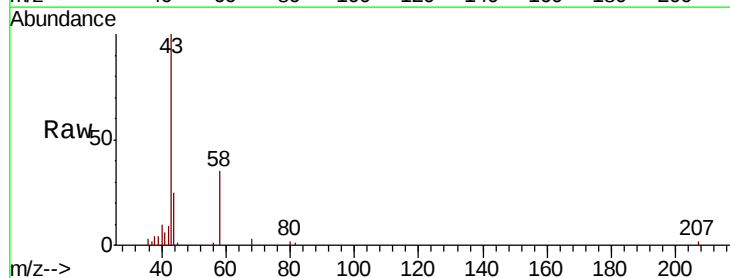
Tot Ion: 59 Resp: 333
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.8#

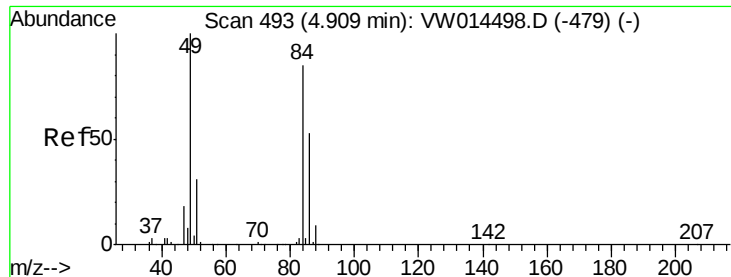


#16

Acetone
 Concen: 8.399 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VW014513.D
 Acq: 03 Jan 2020 21:42

Tgt Ion: 43 Resp: 15049
 Ion Ratio Lower Upper
 43 100
 58 35.5 26.6 39.8





#20

Methylene Chloride

Concen: 9.176 ug/l

RT: 4.92 min Scan# 494

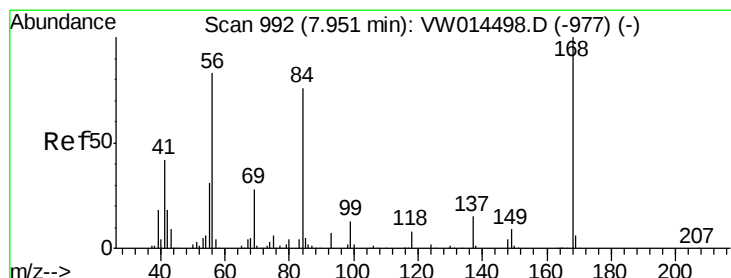
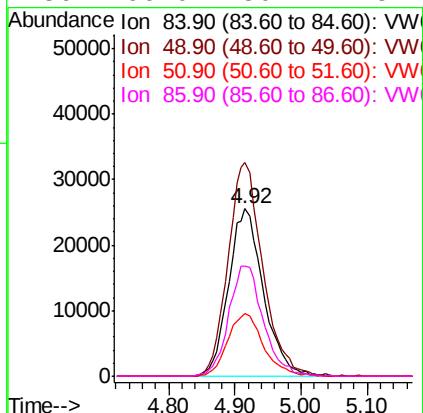
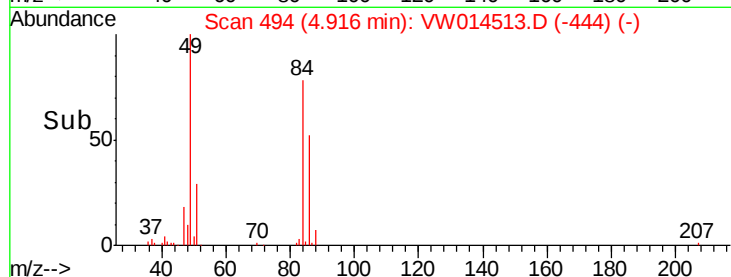
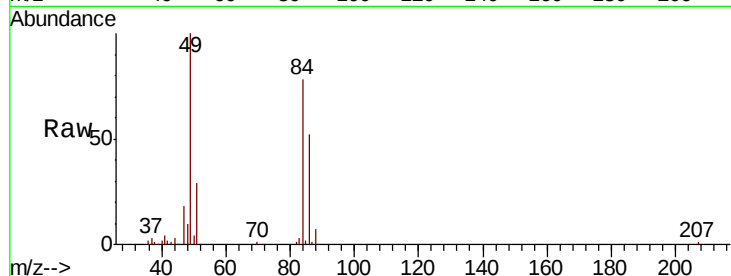
Delta R.T. 0.01 min

Lab File: VW014513.D

Acq: 03 Jan 2020 21:42

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	84	Resp:	93234
Ion	Ratio	Lower	Upper
84	100		
49	127.6	94.4	141.6
51	37.4	29.5	44.3
86	66.0	50.2	75.2



#31

Cyclohexane

Concen: 1.012 ug/l

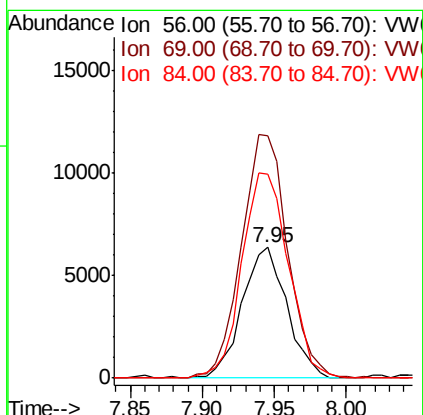
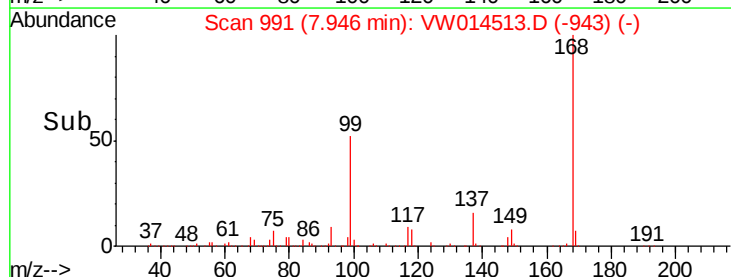
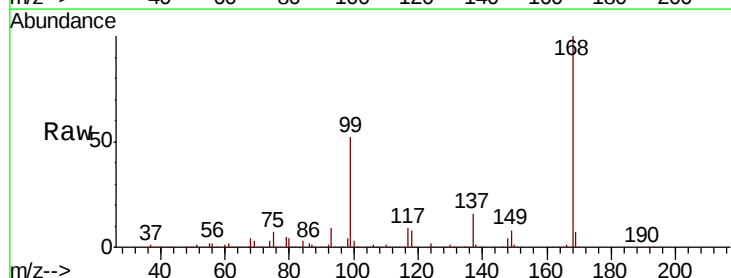
RT: 7.95 min Scan# 991

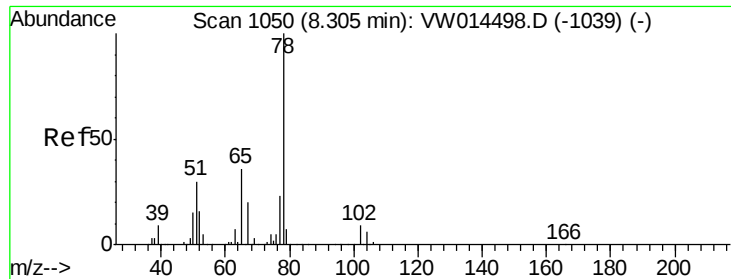
Delta R.T. -0.01 min

Lab File: VW014513.D

Acq: 03 Jan 2020 21:42

Tgt Ion:	56	Resp:	13705
Ion	Ratio	Lower	Upper
56	100		
69	185.6	26.8	40.2#
84	154.5	71.8	107.6#





#33

1,2-Dichloroethane-d4

Concen: 57.404 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW014513.D

Acq: 03 Jan 2020 21:42

Instrument :

MSVOA_W

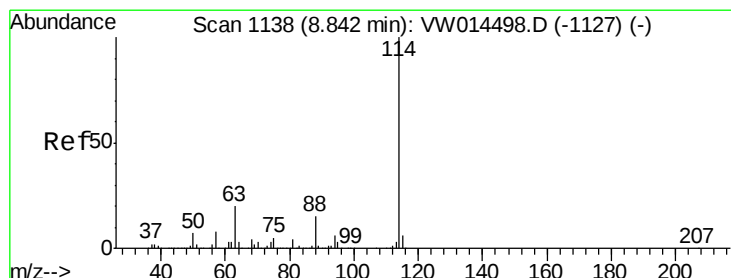
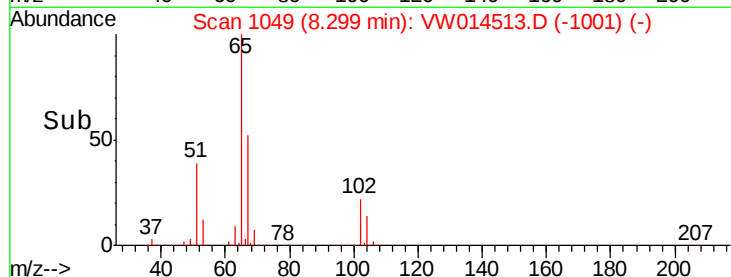
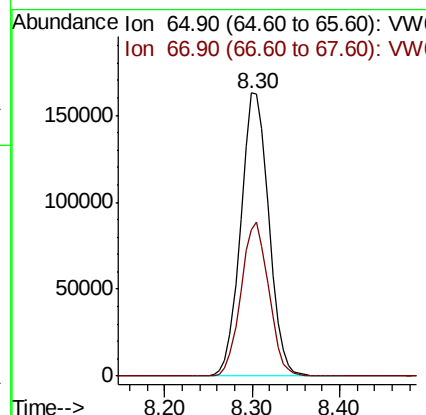
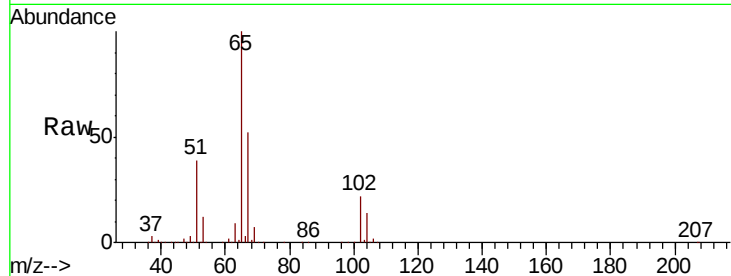
ClientSampleId :

Tot Ion: 65 Resp: 364254

Ion Ratio Lower Upper

65 100

67 53.9 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW014513.D

Acq: 03 Jan 2020 21:42

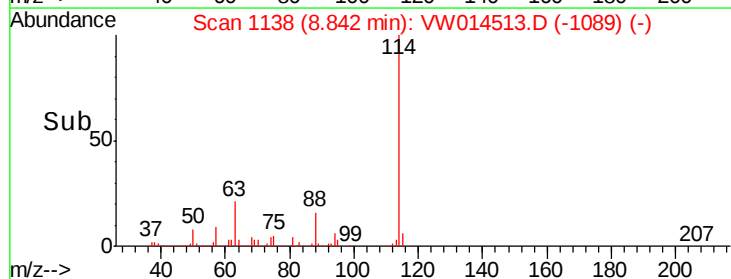
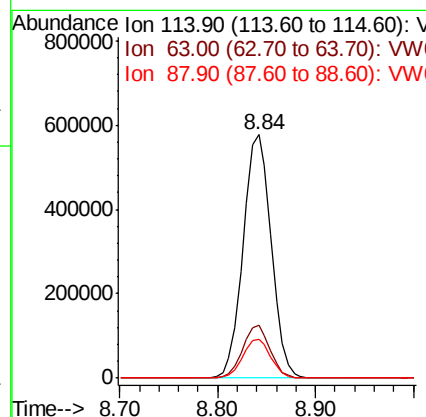
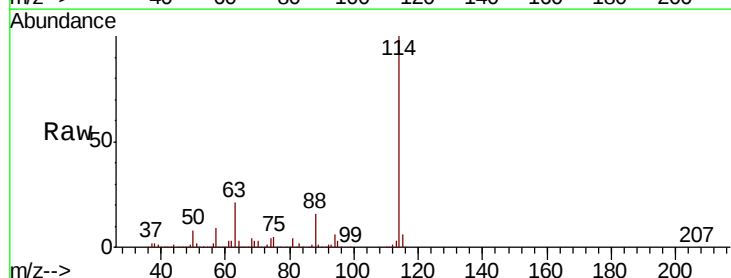
Tgt Ion: 114 Resp: 1149143

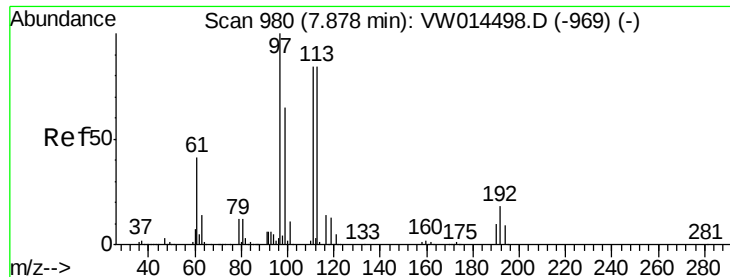
Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.4

88 15.7 0.0 30.6

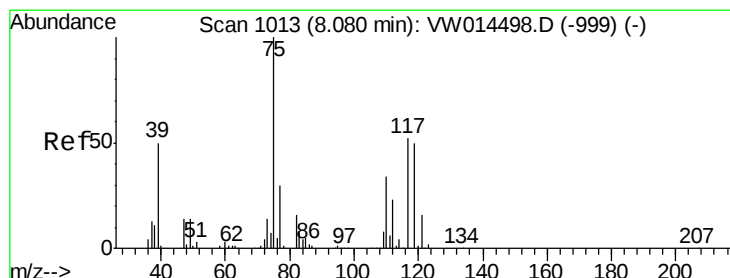
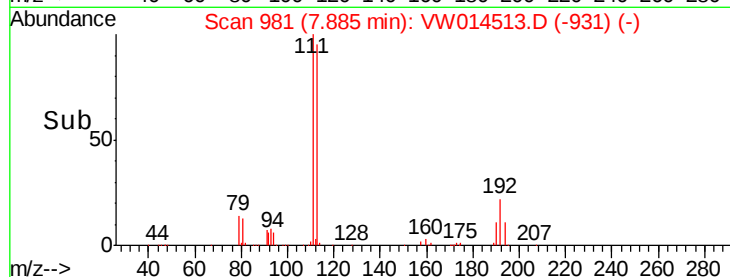
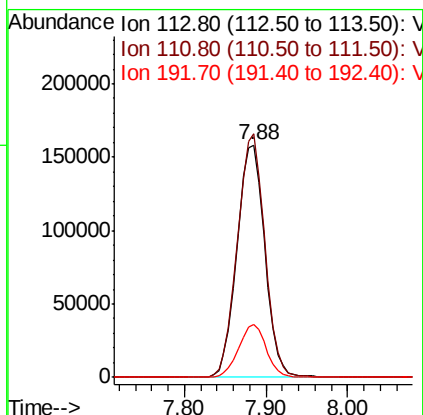
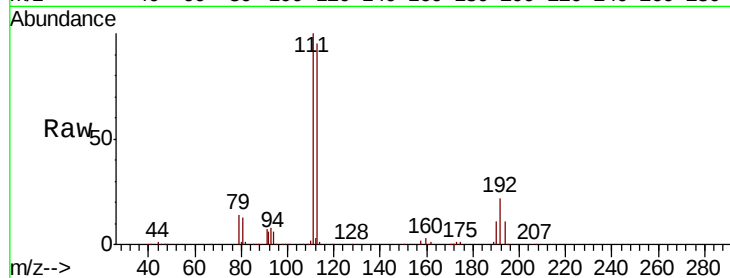




#35
 Dibromofluoromethane
 Concen: 57.034 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW014513.D
 Acq: 03 Jan 2020 21:42

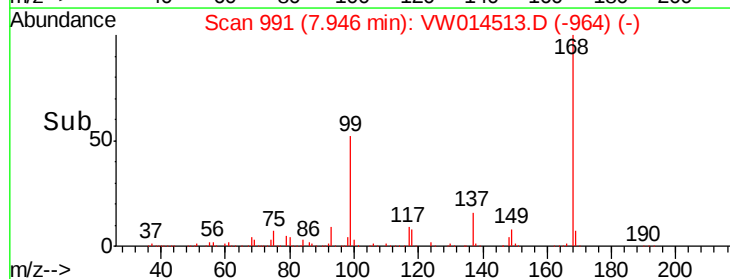
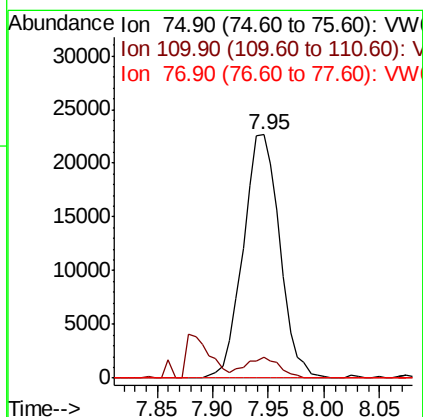
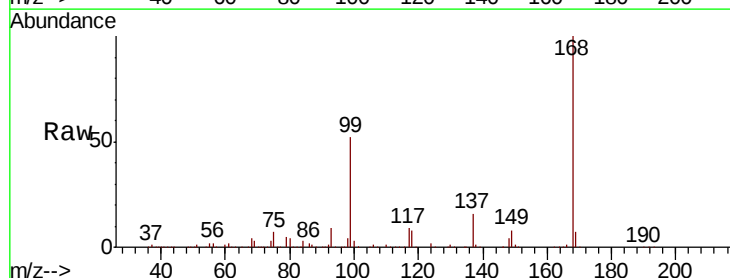
Instrument :
 MSVOA_W
 ClientSampleId :

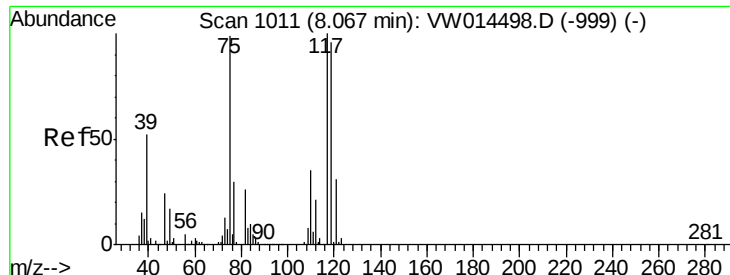
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.4	122.2
192	22.6	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 4.681 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW014513.D
 Acq: 03 Jan 2020 21:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.8	53.5#
77	0.1	24.7	37.1#

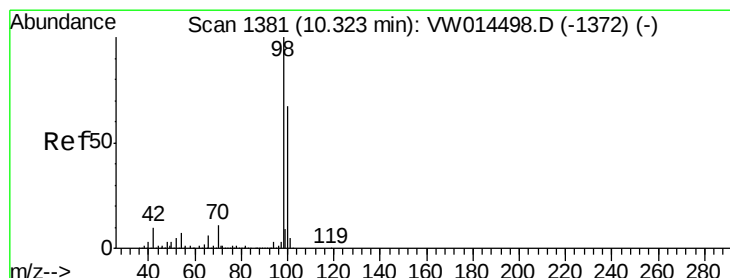
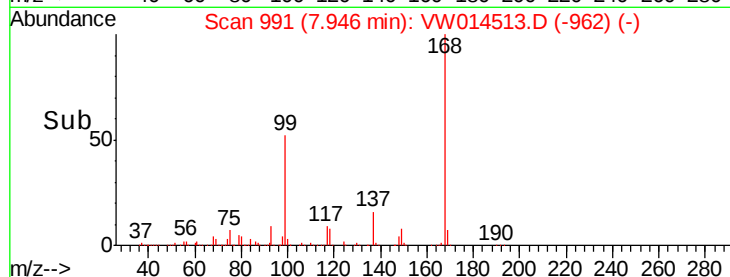
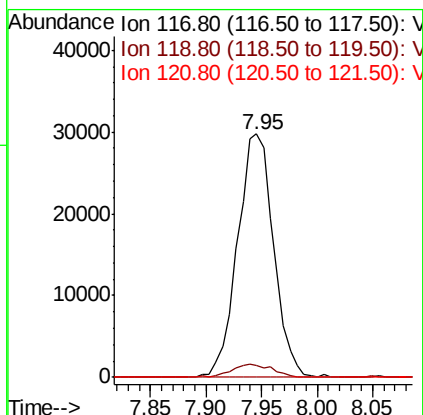
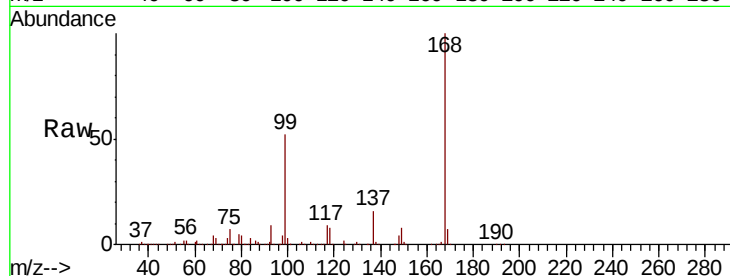




#38
Carbon Tetrachloride
Concen: 6.946 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW014513.D
Acq: 03 Jan 2020 21:42

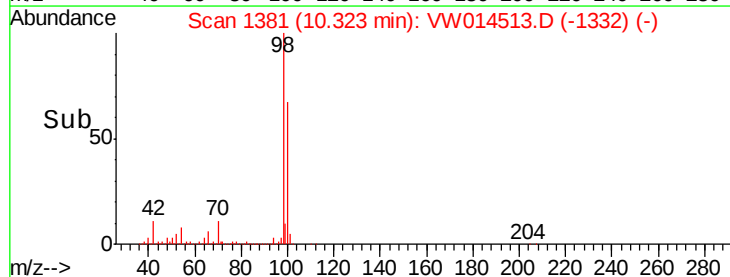
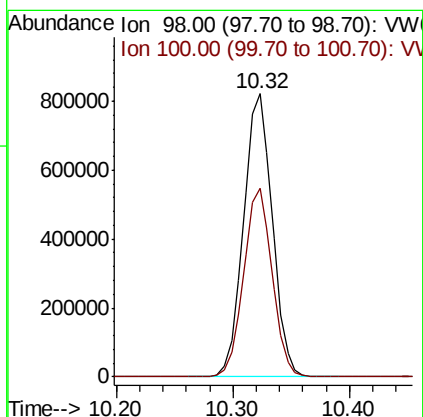
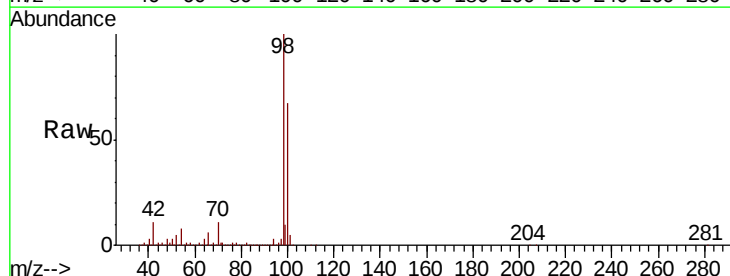
Instrument :
MSVOA_W
ClientSampleId :

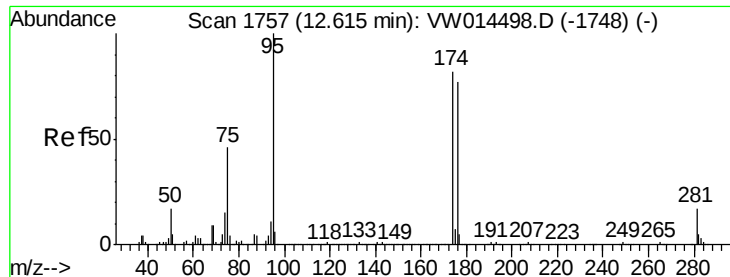
Tot Ion:117 Resp: 66756
Ion Ratio Lower Upper
117 100
119 4.9 77.0 115.6#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 51.879 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW014513.D
Acq: 03 Jan 2020 21:42

Tgt Ion: 98 Resp: 1421896
Ion Ratio Lower Upper
98 100
100 65.9 53.8 80.6

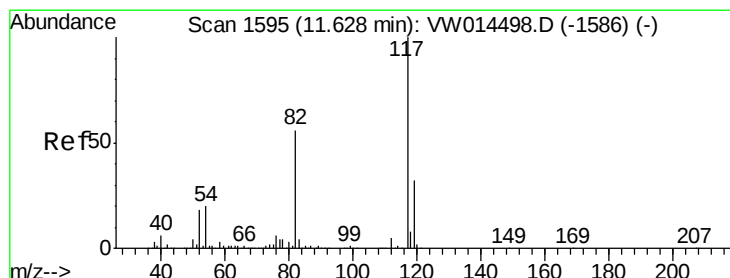
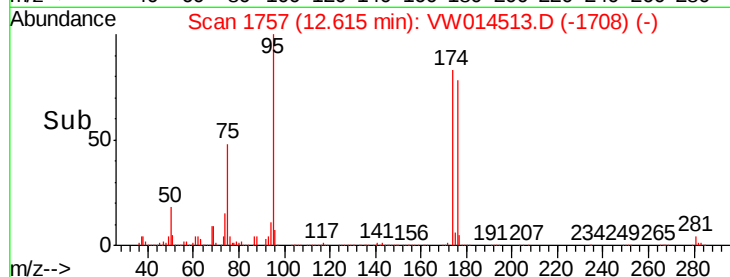
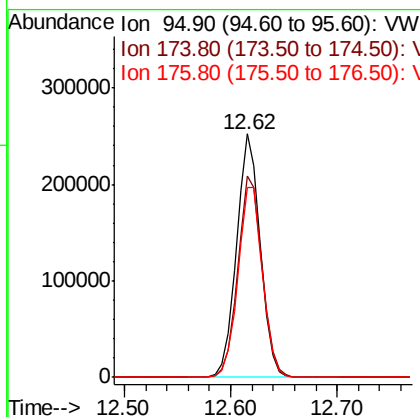
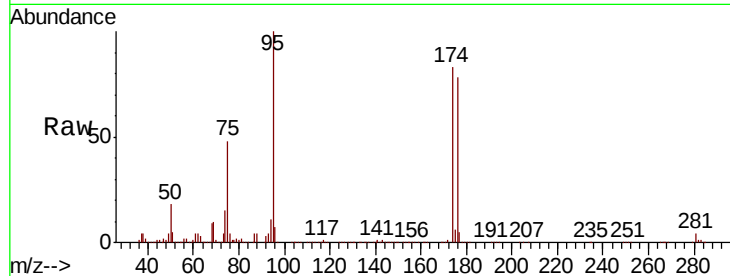




#62
4-Bromofluorobenzene
Concen: 42.397 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW014513.D
Acq: 03 Jan 2020 21:42

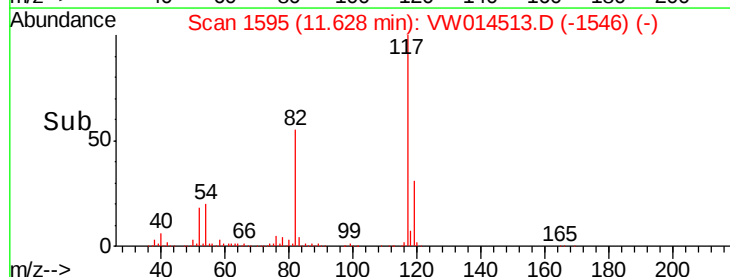
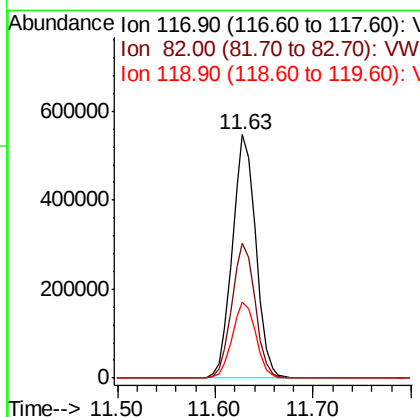
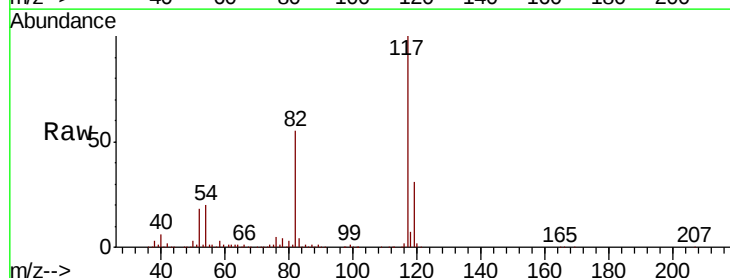
Instrument :
MSVOA_W
ClientSampleId :

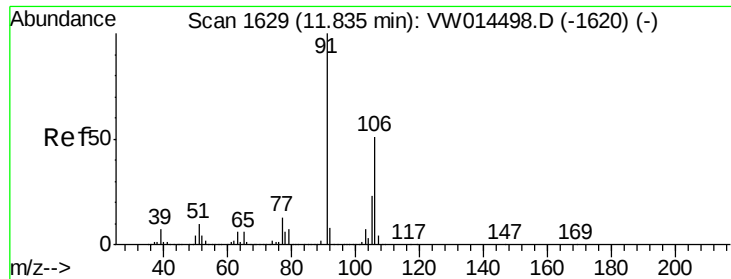
Tot Ion	95	Resp	394145
Ion Ratio	Lower	Upper	
95	100		
174	84.6	0.0	168.6
176	81.0	0.0	162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014513.D
Acq: 03 Jan 2020 21:42

Tgt Ion	117	Resp	908029
Ion Ratio	Lower	Upper	
117	100		
82	55.2	44.6	67.0
119	31.4	25.7	38.5

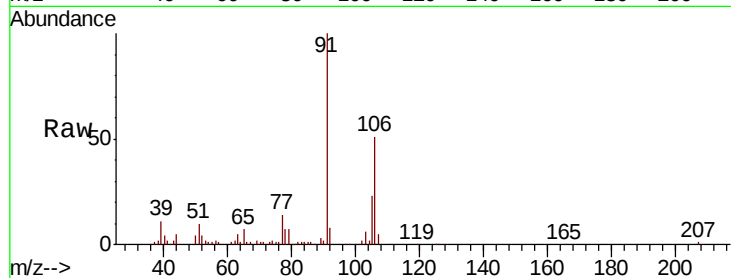




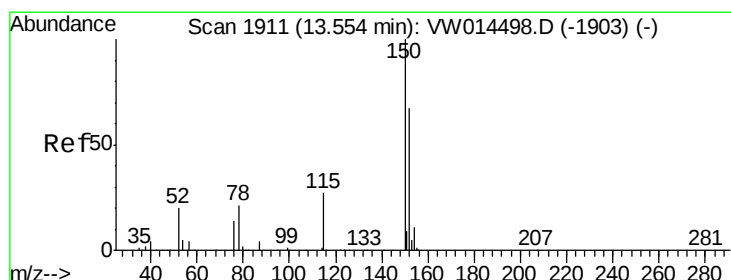
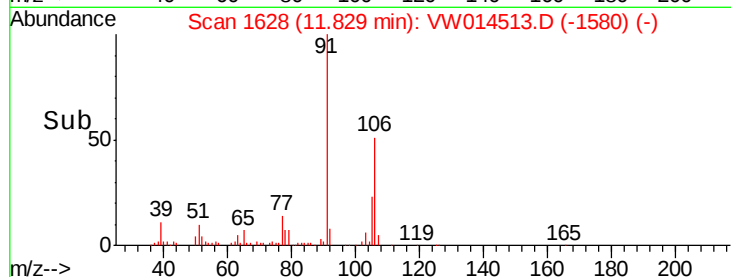
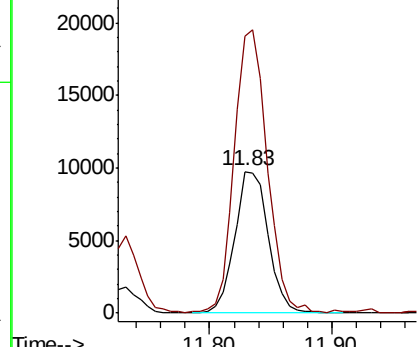
#68
m/p-Xvlenes
Concen: 1.437 ug/l
RT: 11.83 min Scan# 1628
Delta R.T. -0.01 min
Lab File: VW014513.D
Acq: 03 Jan 2020 21:42

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:106 Resp: 18443
Ion Ratio Lower Upper
106 100
91 197.1 159.0 238.6

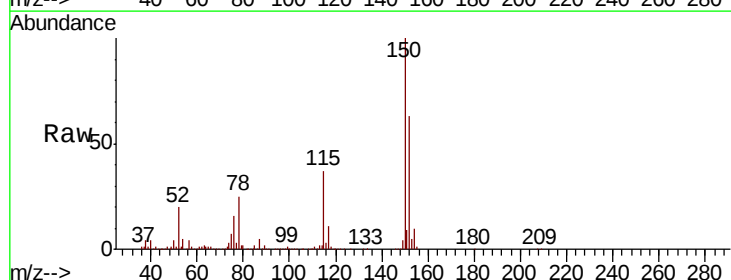


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

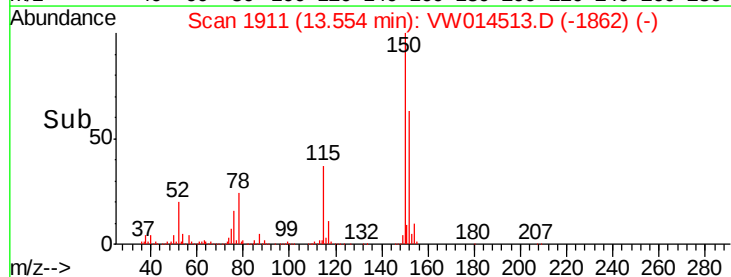
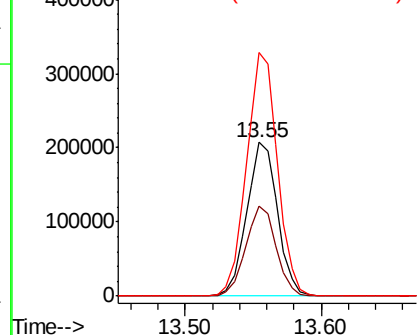


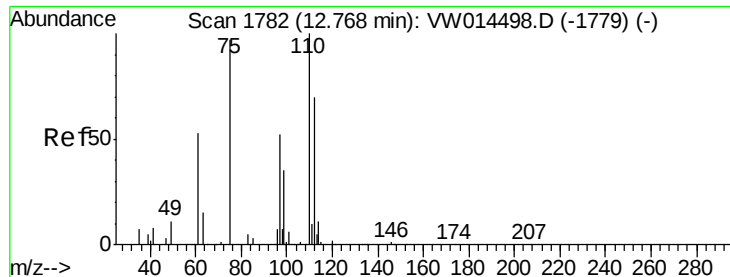
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VW014513.D
Acq: 03 Jan 2020 21:42

Tgt Ion:152 Resp: 327618
Ion Ratio Lower Upper
152 100
115 57.7 27.7 83.1
150 158.7 0.0 343.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



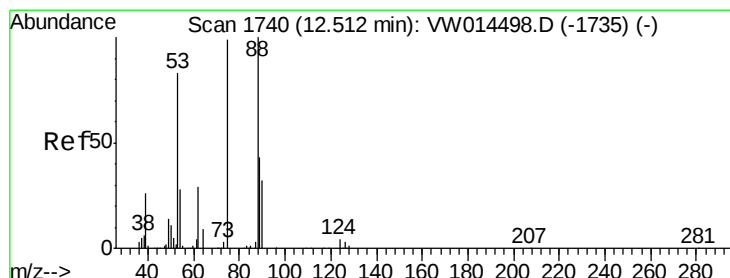
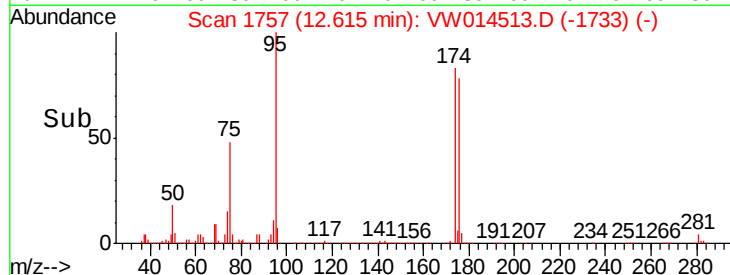
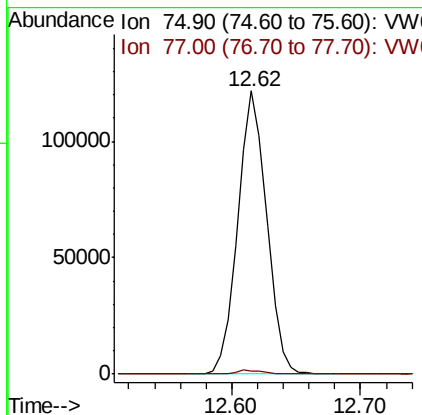
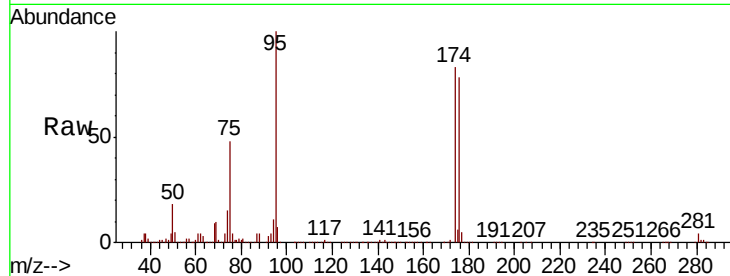


#76

1,2,3-Trichloropropane
Concen: 60.974 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW014513.D
Acq: 03 Jan 2020 21:42

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 75 Resp: 188871
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene
Concen: 135.852 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW014513.D
Acq: 03 Jan 2020 21:42

Tgt Ion: 75 Resp: 188871
Ion Ratio Lower Upper
75 100
53 0.2 70.9 106.3#
89 0.0 35.8 53.8#

