

Data File : VW014063.D
Acq On : 18 Nov 2019 15:47
Operator : SY/VA
Sample : K5810-09
Misc : 4.95G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFLR3

Quant Time: Nov 19 07:25:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 19 07:22:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	307776	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	251874	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	89687	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	94818	19.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.24%
7) Chloroethane-d5	2.89	69	85588	21.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.00%
10) 1,1-Dichloroethene-d2	4.02	63	148340	14.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.88%
20) 2-Butanone-d5	7.07	46	67327	47.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.40%
24) Chloroform-d	7.65	84	225631	23.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.36%
26) 1,2-Dichloroethane-d4	8.30	65	120805	25.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.56%
29) Benzene-d6	8.27	84	456893	25.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.28%
33) 1,2-Dichloropropane-d6	9.27	67	145627	27.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.28%
37) Toluene-d8	10.32	98	381688	22.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.08%
38) trans-1,3-Dichloropropene-	10.57	79	49278	21.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.92%
39) 2-Hexanone-d5	10.92	63	47757	48.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	101682	25.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	81699	22.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.68%

Target Compounds

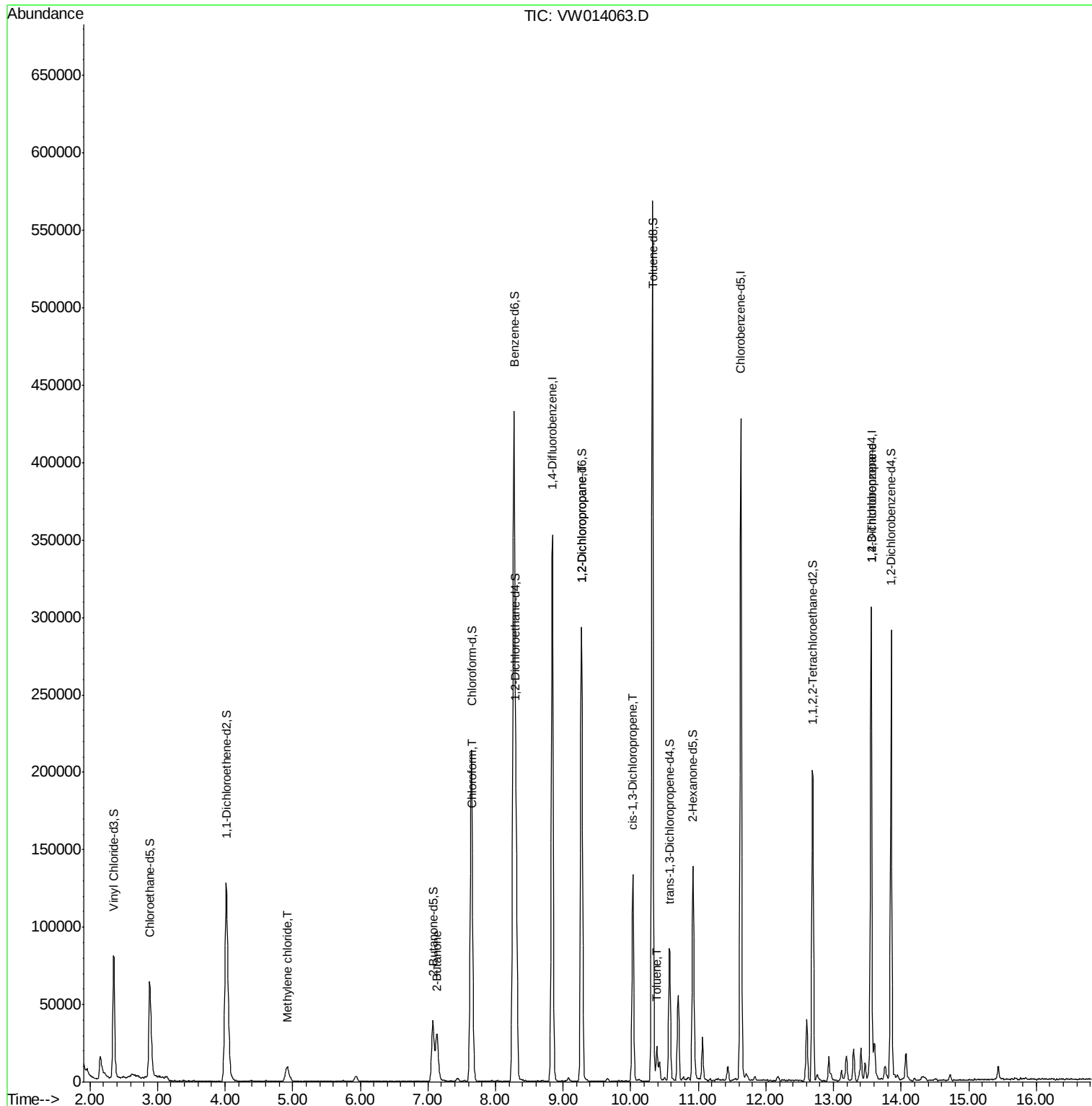
						Qvalue
16) Methylene chloride	4.92	84	9404	1.587	ug/L	94
21) 2-Butanone	7.15	43	4629	2.482	ug/L #	53
25) Chloroform	7.66	83	3724	0.416	ug/L	77
40) 1,2-Dichloropropane	9.27	63	15899	3.575	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	3021	0.430	ug/L #	69
44) Toluene	10.39	91	14403	0.715	ug/L	93
59) 1,2,3-Trichloropropane	13.55	75	9096	3.170	ug/L	93

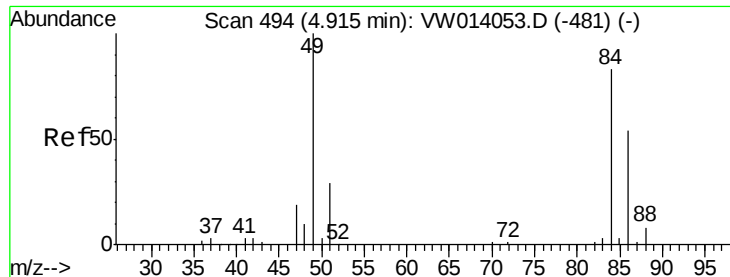
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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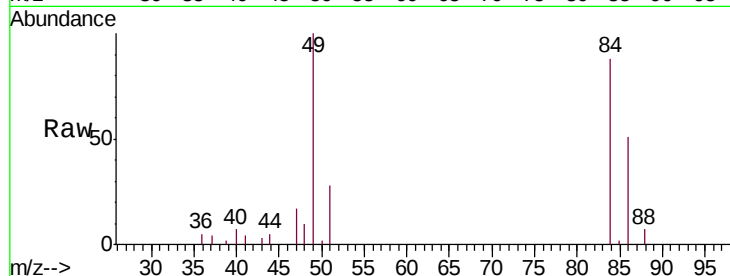




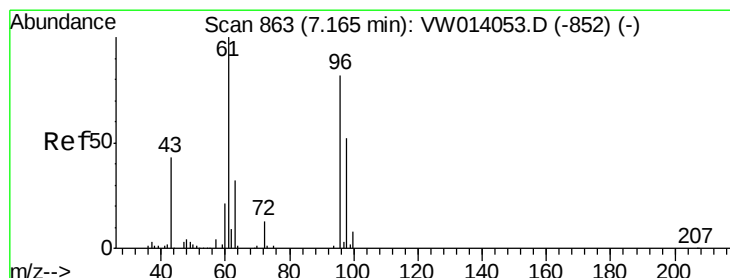
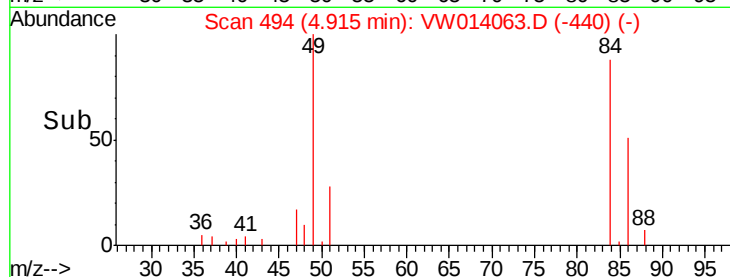
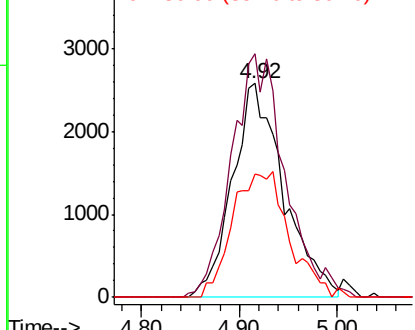
#16
Methylene chloride
Concen: 1.587 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW014063.D
Acq: 18 Nov 2019 15:47

Instrument :
MSVOA_W
ClientSampleId :
BFLR3

Tgt Ion: 84 Resp: 9404
Ion Ratio Lower Upper
84 100
49 113.9 84.2 156.4
86 57.6 43.7 81.1

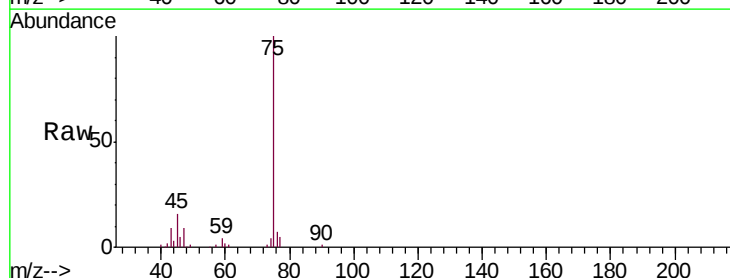


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

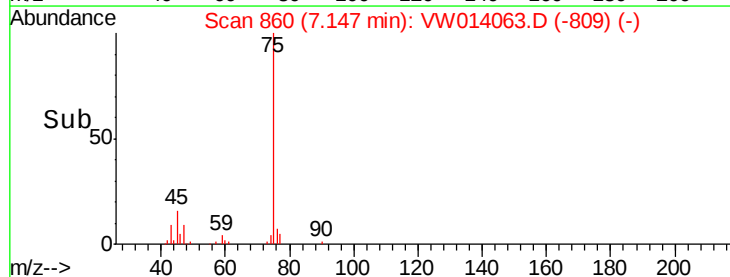
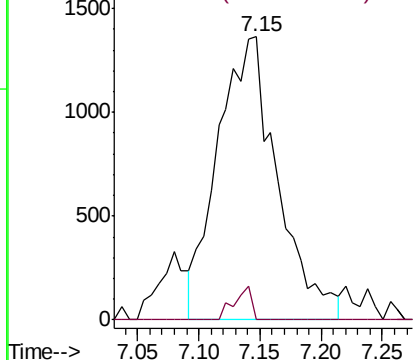


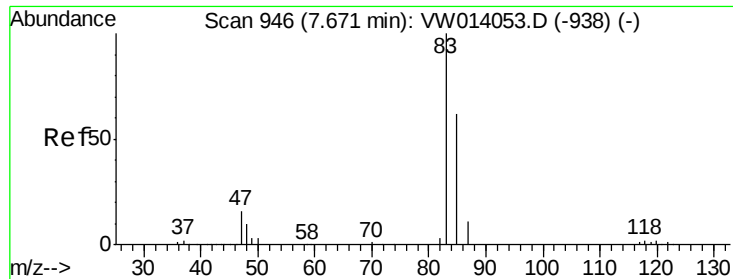
#21
2-Butanone
Concen: 2.482 ug/L
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW014063.D
Acq: 18 Nov 2019 15:47

Tgt Ion: 43 Resp: 4629
Ion Ratio Lower Upper
43 100
72 3.3 14.1 42.2#



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

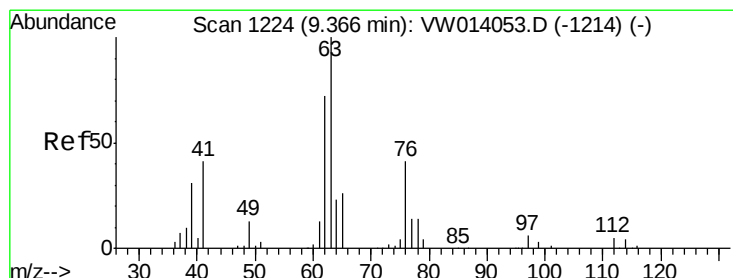
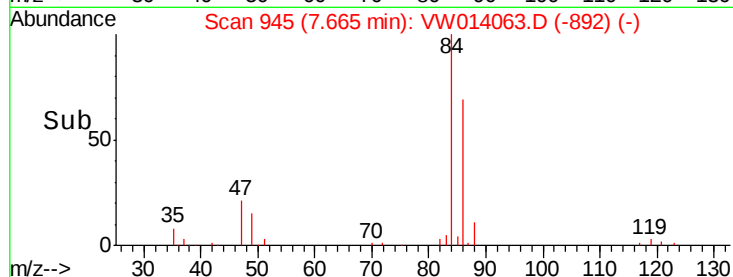
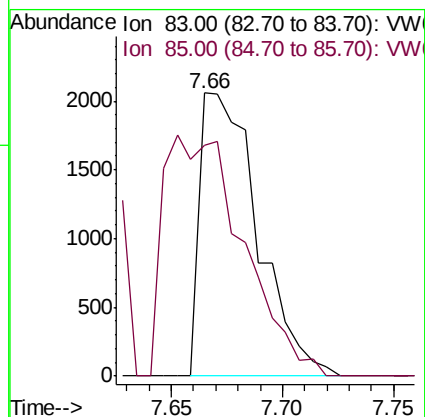
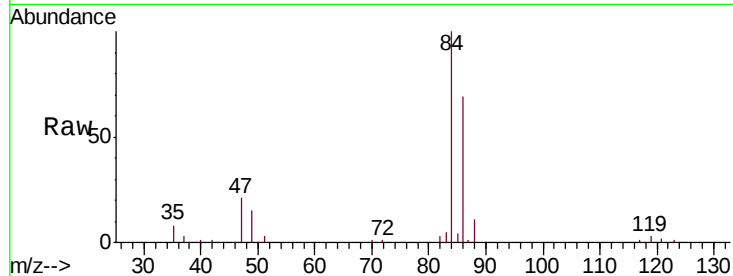




#25
Chloroform
Concen: 0.416 ug/L
RT: 7.66 min Scan# 945
Delta R.T. -0.01 min
Lab File: VW014063.D
Acq: 18 Nov 2019 15:47

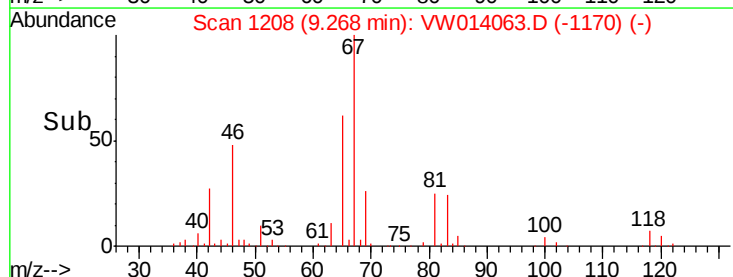
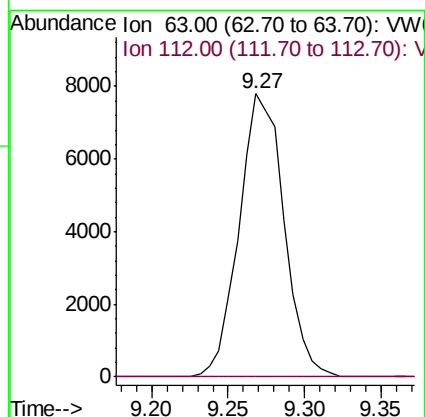
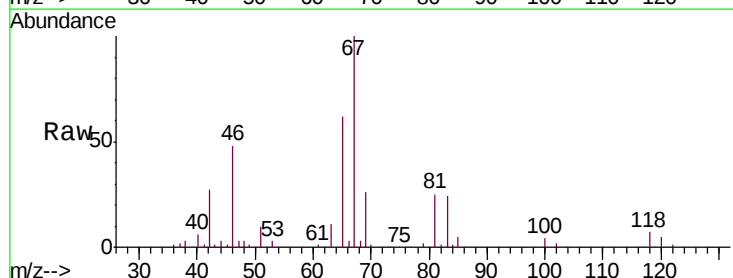
Instrument :
MSVOA_W
ClientSampleId :
BFLR3

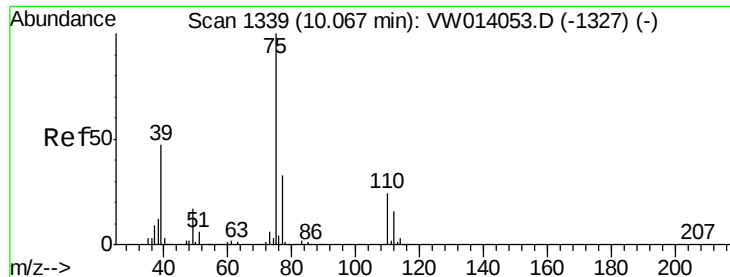
Tgt Ion: 83 Resp: 3724
Ion Ratio Lower Upper
83 100
85 47.6 46.1 85.7



#40
1,2-Dichloropropane
Concen: 3.575 ug/L
RT: 9.27 min Scan# 1208
Delta R.T. -0.10 min
Lab File: VW014063.D
Acq: 18 Nov 2019 15:47

Tgt Ion: 63 Resp: 15899
Ion Ratio Lower Upper
63 100
112 0.4 3.9 5.9#

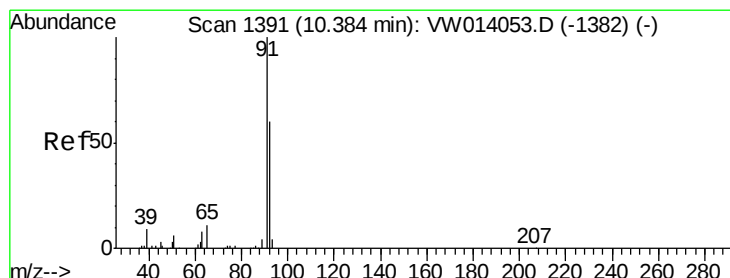
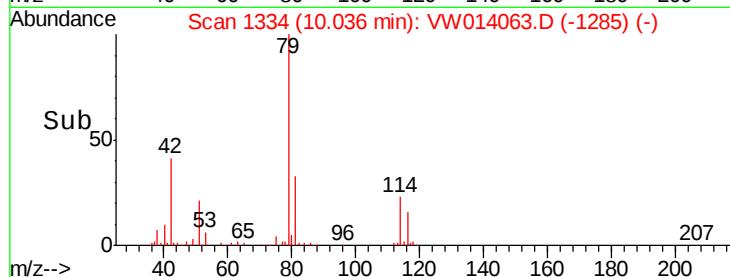
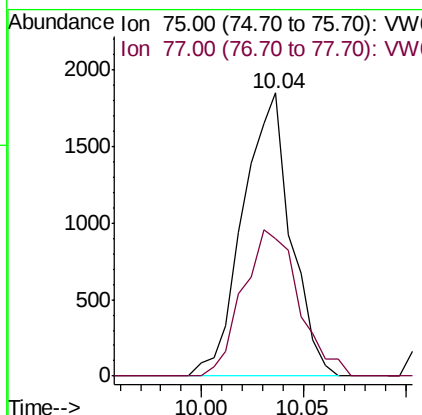
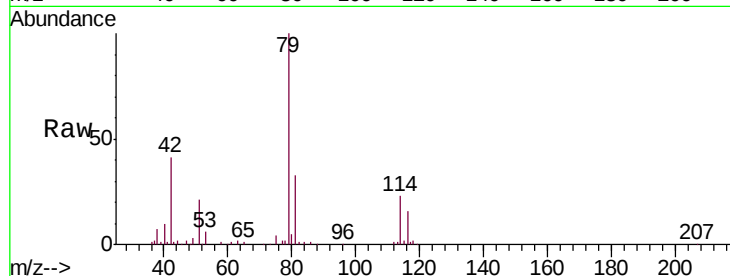




#42
 cis-1,3-Dichloropropene
 Concen: 0.430 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.03 min
 Lab File: VW014063.D
 Acq: 18 Nov 2019 15:47

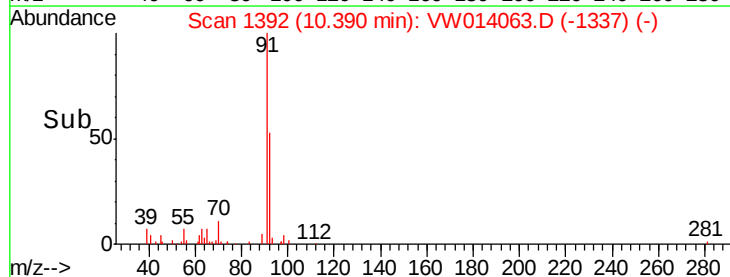
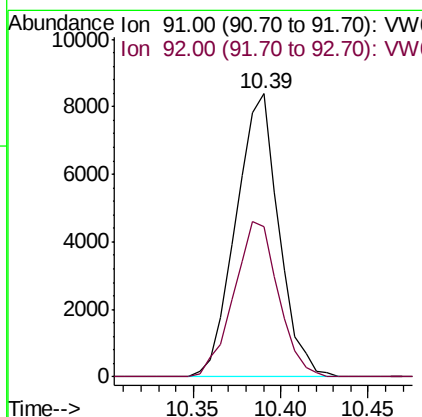
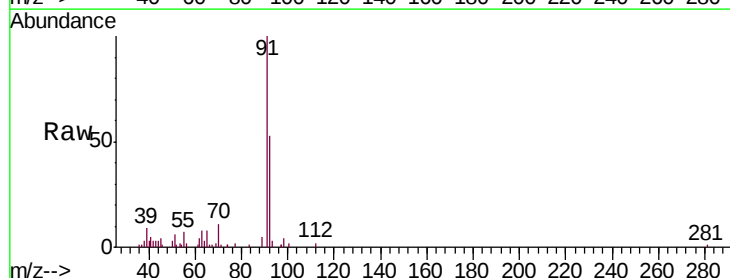
Instrument :
 MSVOA_W
 ClientSampled :
 BFLR3

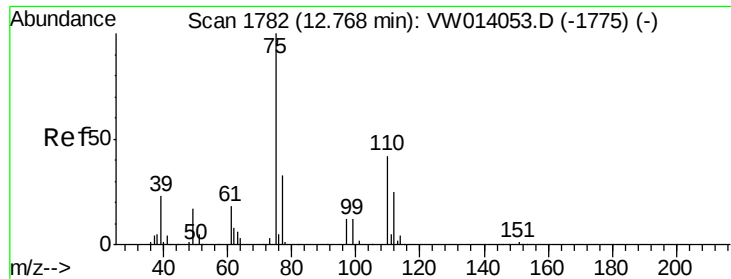
Tgt Ion: 75 Resp: 3021
 Ion Ratio Lower Upper
 75 100
 77 48.7 22.1 41.1#



#44
 Toluene
 Concen: 0.715 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: VW014063.D
 Acq: 18 Nov 2019 15:47

Tgt Ion: 91 Resp: 14403
 Ion Ratio Lower Upper
 91 100
 92 52.9 40.7 75.7





#59

1,2,3-Trichloropropane

Concen: 3.170 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014063.D

Acq: 18 Nov 2019 15:47

Instrument :

MSVOA_W

ClientSampleId :

BFLR3

Tgt Ion: 75 Resp: 9096

Ion Ratio Lower Upper

75 100

77 36.3 25.9 38.9

