

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081720\
 Data File : VW016213.D
 Acq On : 17 Aug 2020 13:14
 Operator : SY/VA
 Sample : L3702-06
 Misc : 6.56G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSP1

Quant Time: Aug 18 03:22:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 18 03:20:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	210284	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	197100	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	80743	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	53012	20.33	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.32%
7) Chloroethane-d5	2.89	69	43669	22.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.28%
10) 1,1-Dichloroethene-d2	4.01	63	89184	16.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.44%
20) 2-Butanone-d5	7.09	46	26178	38.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.32%
24) Chloroform-d	7.65	84	124178	22.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	8.31	65	63070	21.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.16%
29) Benzene-d6	8.28	84	243740	22.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.92%
33) 1,2-Dichloropropane-d6	9.28	67	71387	22.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.56%
37) Toluene-d8	10.33	98	216251	21.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.96%
38) trans-1,3-Dichloropropene-	10.59	79	28335	19.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.96%
39) 2-Hexanone-d5	10.93	63	21552	39.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	56999	22.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	74222	25.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.72%

Target Compounds

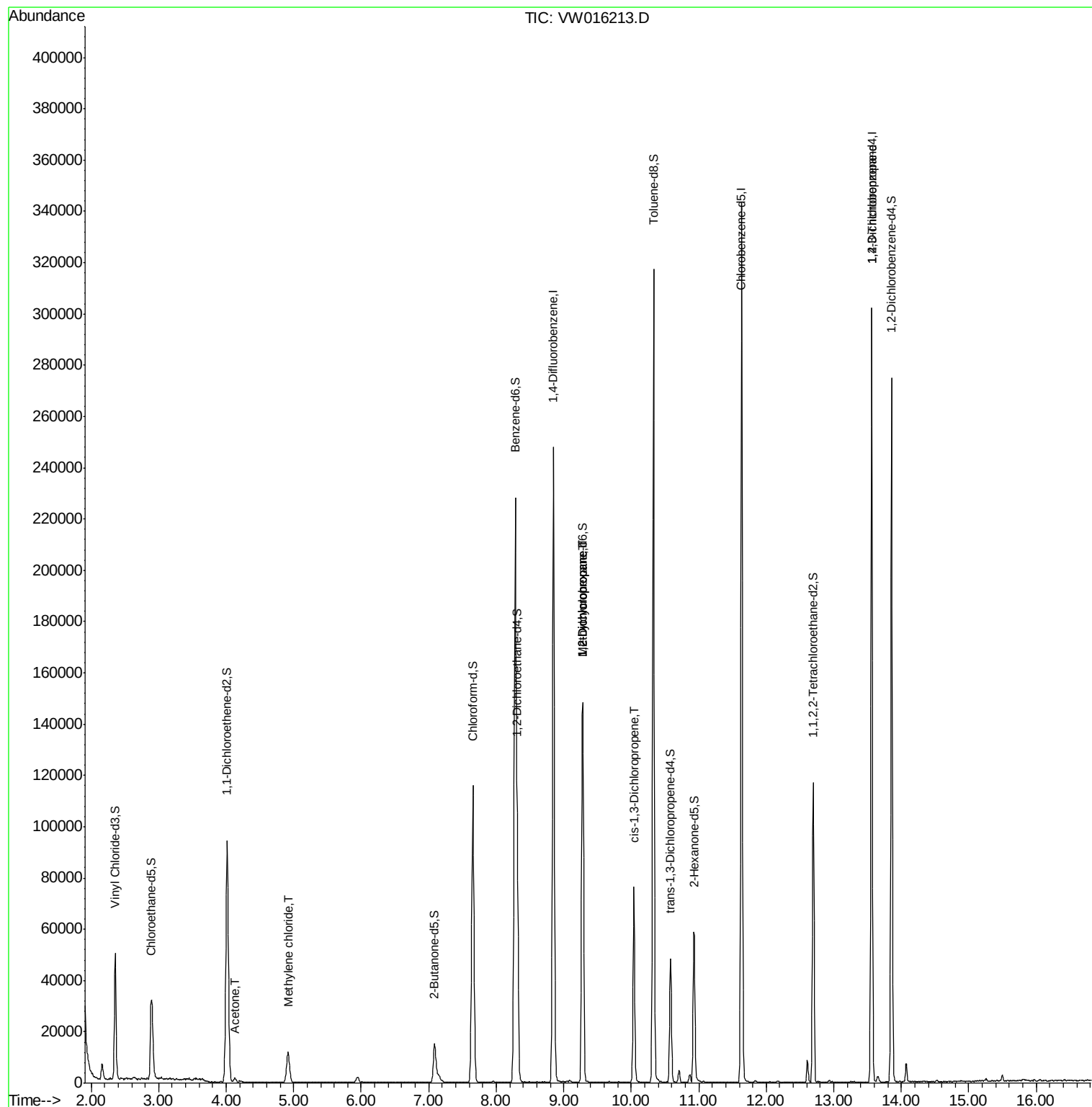
					Ovalue
13) Acetone	4.13	43	2900	5.588 ug/L	95
16) Methylene chloride	4.91	84	9283	2.796 ug/L	91
36) Methylcyclohexane	9.28	83	18760	3.726 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	8099	2.902 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1757	0.413 ug/L	83
59) 1,2,3-Trichloropropane	13.56	75	9061	4.665 ug/L	90

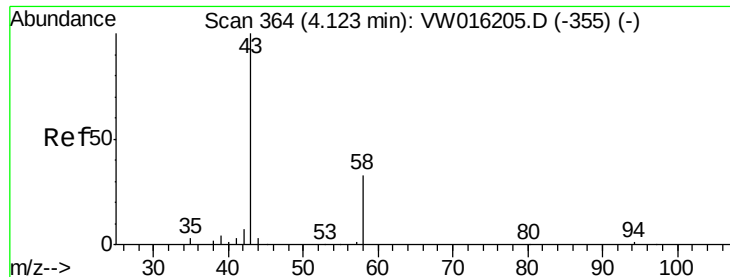
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.588 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW016213.D

Acq: 17 Aug 2020 13:14

Instrument :

MSVOA_W

ClientSampled :

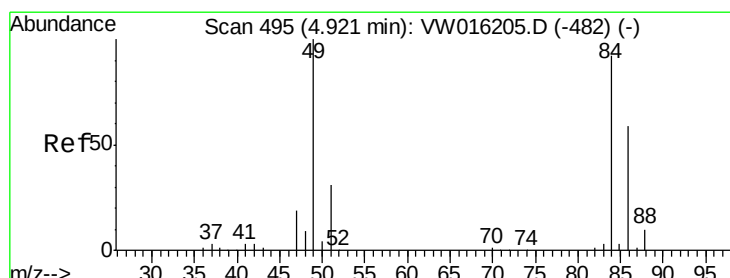
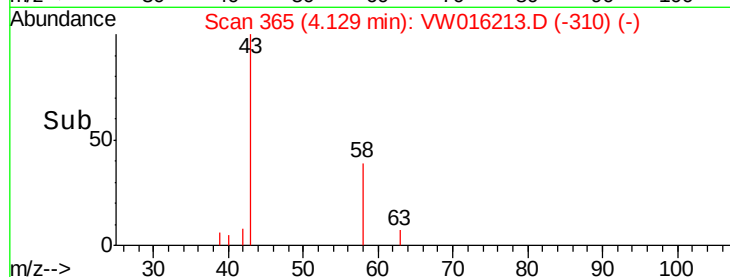
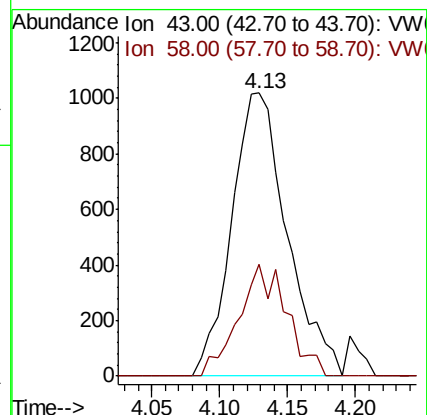
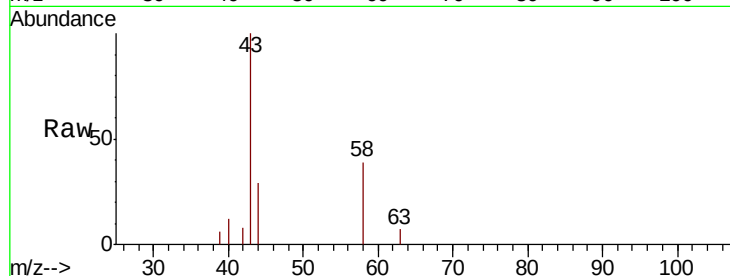
BFSP1

Tot Ion: 43 Resp: 2900

Ion Ratio Lower Upper

43 100

58 32.4 0.0 59.4



#16

Methylene chloride

Concen: 2.796 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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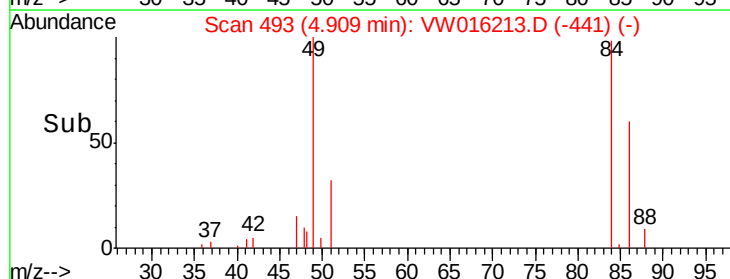
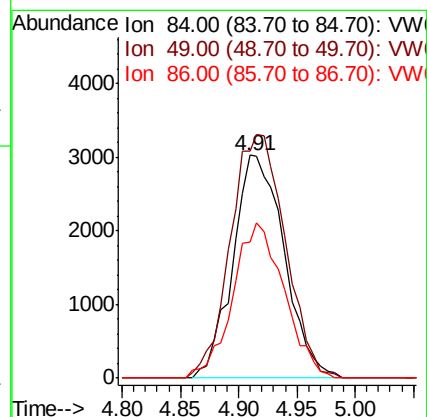
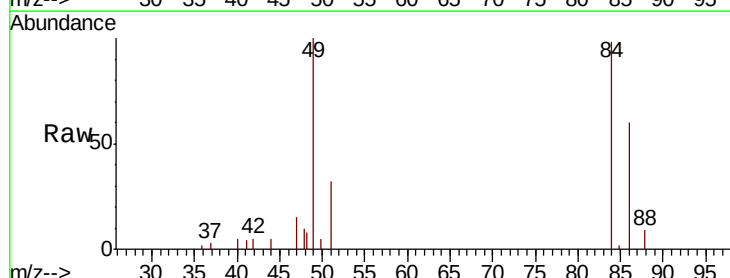
Tgt Ion: 84 Resp: 9283

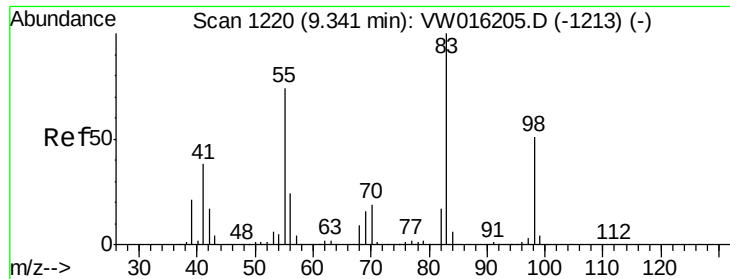
Ion Ratio Lower Upper

84 100

49 101.7 80.4 149.4

86 61.1 43.8 81.3

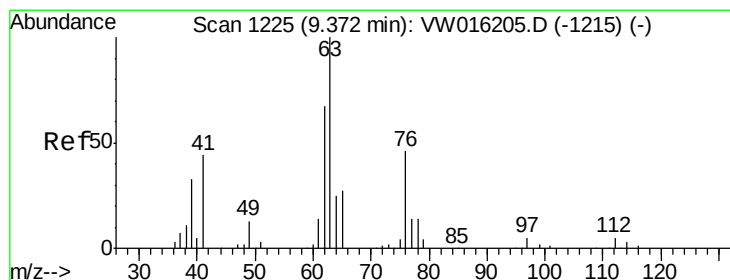
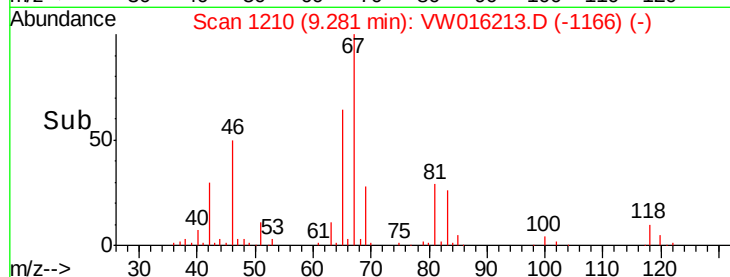
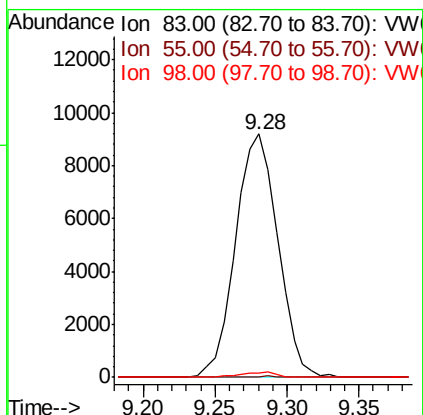
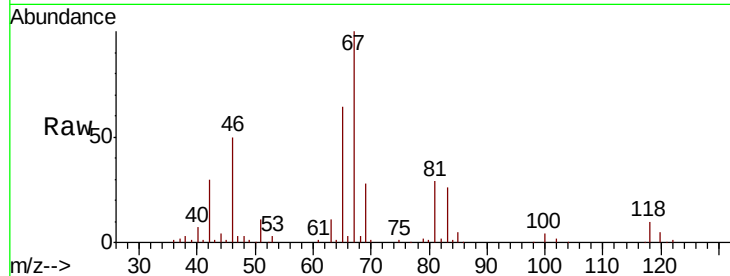




#36
Methylvlcyclohexane
Concen: 3.726 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW016213.D
Acq: 17 Aug 2020 13:14

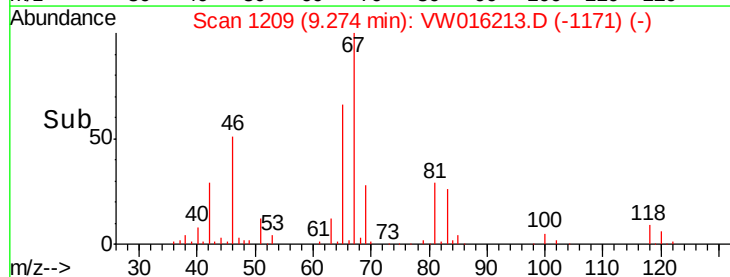
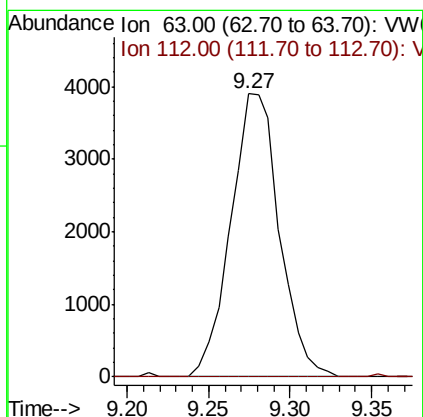
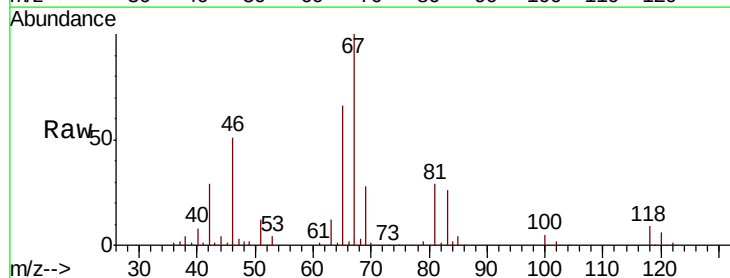
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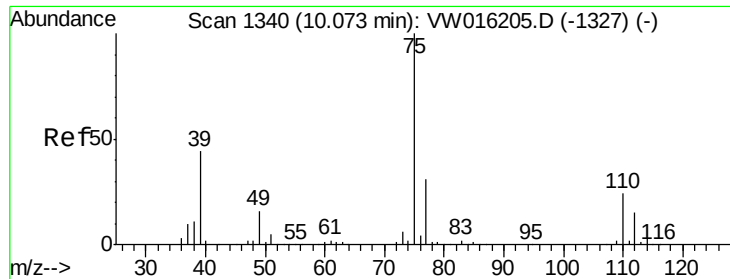
Tot Ion: 83 Resp: 18760
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 1.7 39.4 59.0#



#40
1,2-Dichloropropane
Concen: 2.902 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW016213.D
Acq: 17 Aug 2020 13:14

Tgt Ion: 63 Resp: 8099
Ion Ratio Lower Upper
63 100
112 0.3 4.0 6.0#

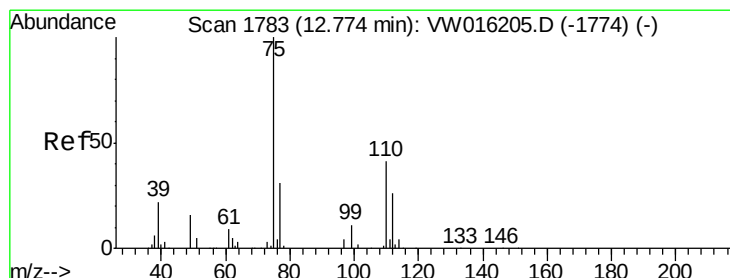
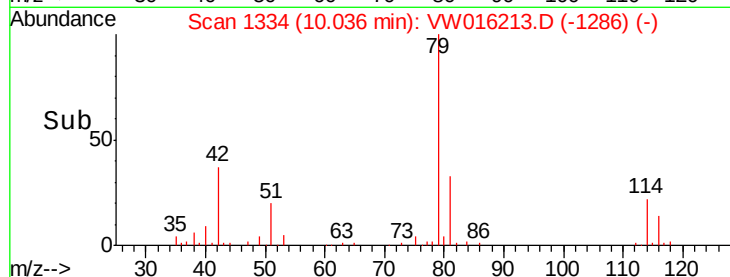
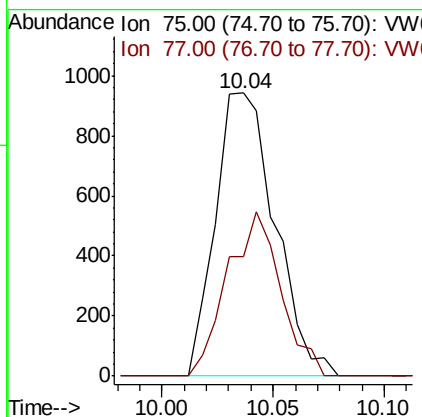
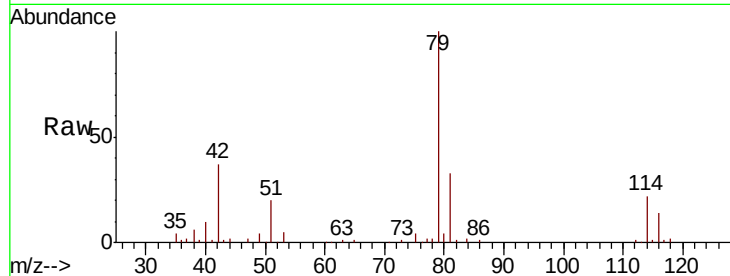




#42
 cis-1,3-Dichloropropene
 Concen: 0.413 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016213.D
 Acq: 17 Aug 2020 13:14

Instrument :
 MSVOA_W
 ClientSampled :
 BFSP1

Tot Ion: 75 Resp: 1757
 Ion Ratio Lower Upper
 75 100
 77 42.1 22.9 42.5



#59
 1,2,3-Trichloropropane
 Concen: 4.665 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW016213.D
 Acq: 17 Aug 2020 13:14

Tgt Ion: 75 Resp: 9061
 Ion Ratio Lower Upper
 75 100
 77 38.3 25.9 38.9

