

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100218\
 Data File : VW005779.D
 Acq On : 02 Oct 2018 16:21
 Operator : SY/AP
 Sample : J5180-04
 Misc : 3.31G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 03 05:11:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 03 05:07:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	195889	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	179025	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	48692	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	39356	15.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.04%
7) Chloroethane-d5	2.90	69	34636	17.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.12%
10) 1,1-Dichloroethene-d2	4.01	63	70163	12.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.48%
20) 2-Butanone-d5	7.08	46	24262	30.26	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.52%
24) Chloroform-d	7.65	84	121124	24.07	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.28%
26) 1,2-Dichloroethane-d4	8.31	65	73928	24.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.04%
29) Benzene-d6	8.28	84	203259	22.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.72%
33) 1,2-Dichloropropane-d6	9.27	67	65164	25.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.76%
37) Toluene-d8	10.33	98	180607	20.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.56%
38) trans-1,3-Dichloropropene-	10.58	79	26671	19.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.32%
39) 2-Hexanone-d5	10.93	63	17315	28.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.74%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	49254	19.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	39631	23.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.00%

Target Compounds

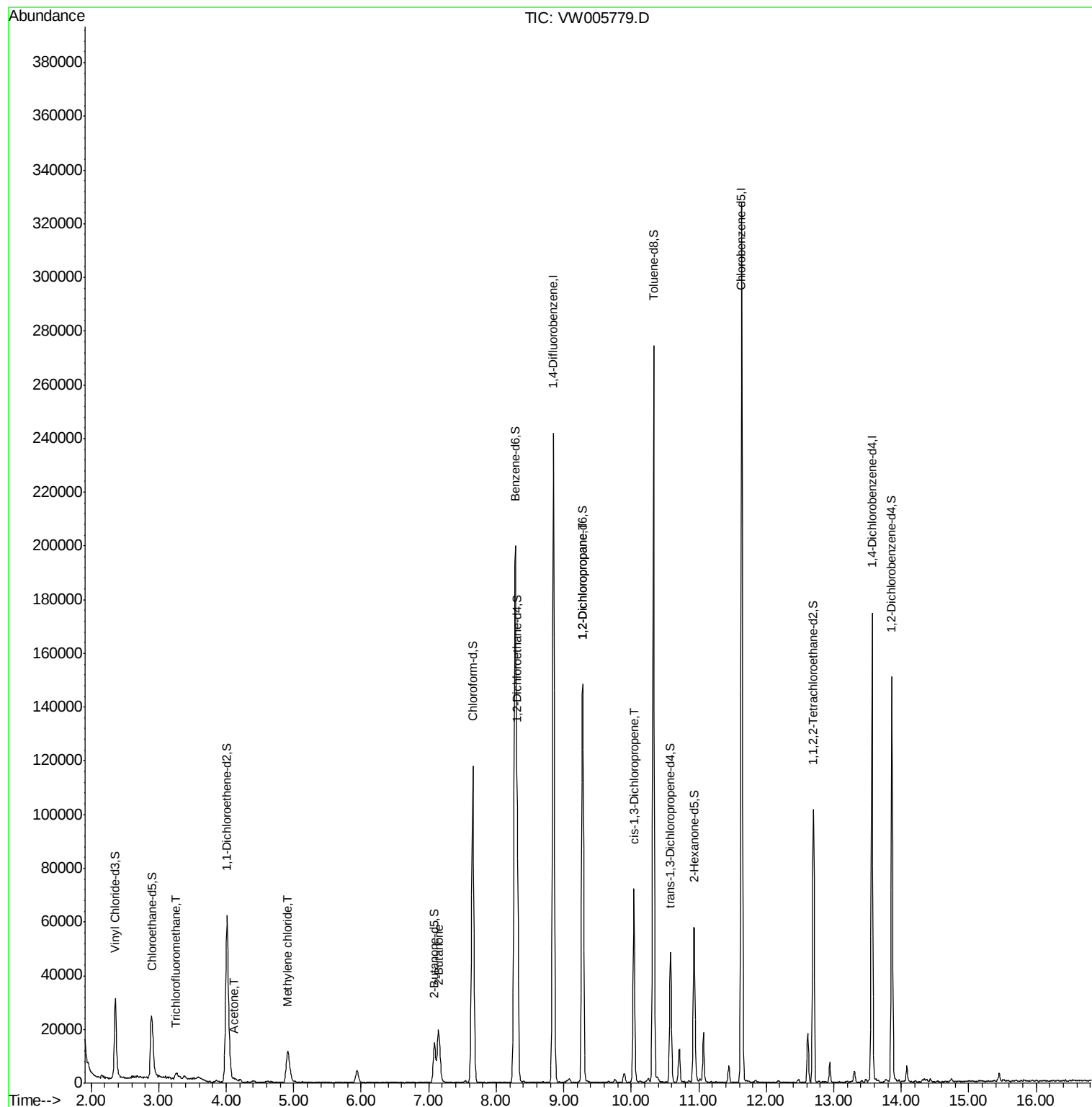
					Ovalue
9) Trichlorofluoromethane	3.26	101	1995	0.846 ug/L	96
13) Acetone	4.12	43	1130	1.354 ug/L	98
16) Methylene chloride	4.91	84	9731	3.013 ug/L	95
21) 2-Butanone	7.14	43	1673	1.673 ug/L #	54
40) 1,2-Dichloropropane	9.28	63	8385	3.401 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	1824	0.448 ug/L	86

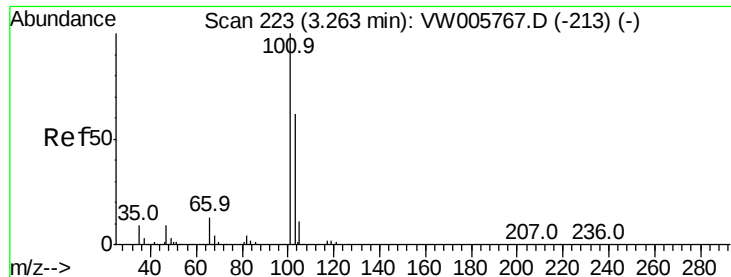
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 03 05:07:10 2018
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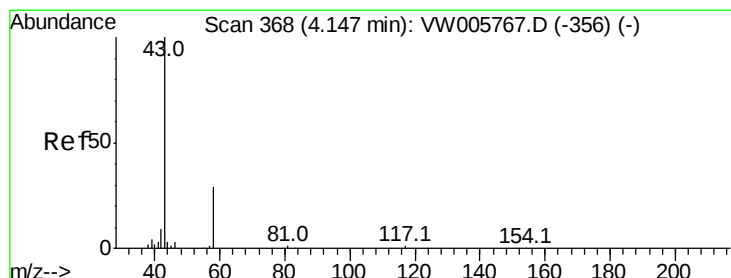
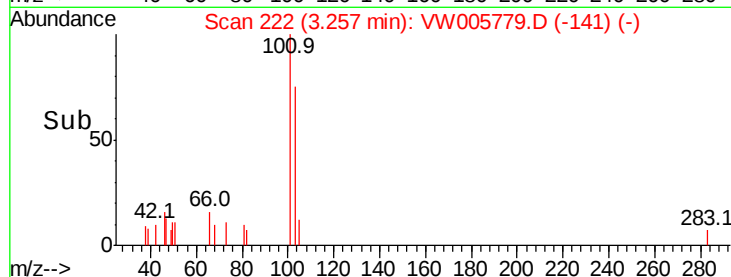
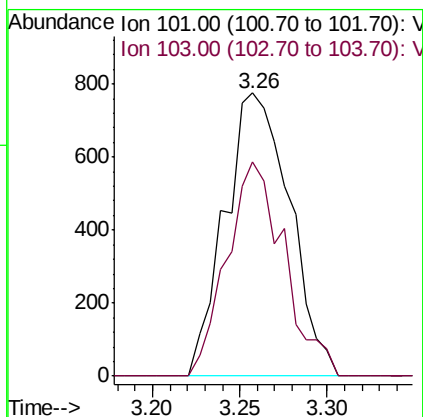
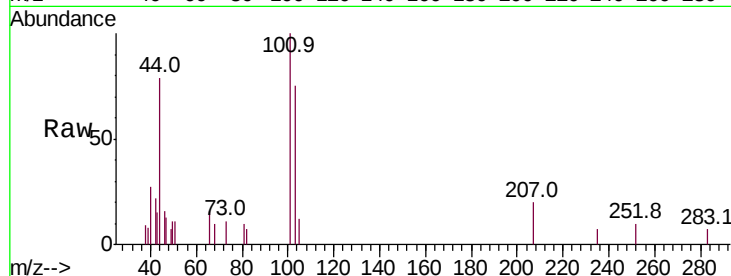


#9

Trichlorofluoromethane
Concen: 0.846 ug/L
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW005779.D
Acq: 02 Oct 2018 16:21

Instrument :
MSVOA_W
ClientSampleId :

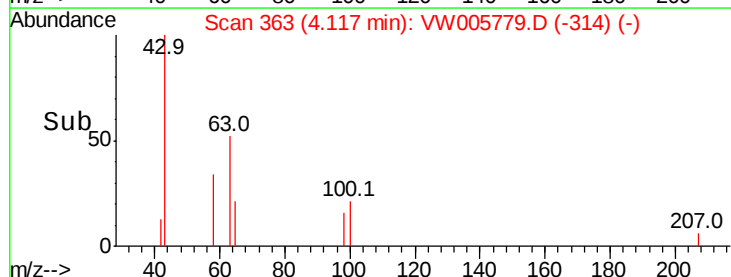
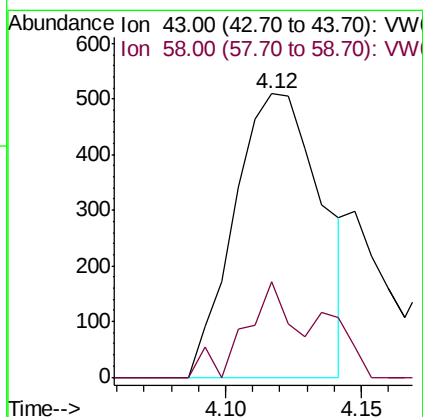
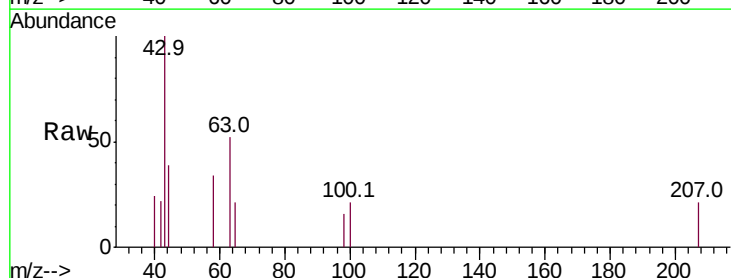
Tot Ion:101 Resp: 1995
Ion Ratio Lower Upper
101 100
103 67.2 44.9 83.5

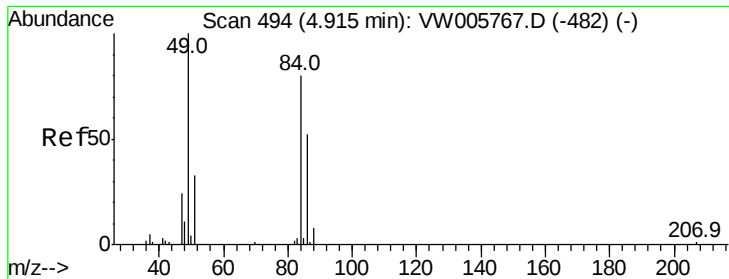


#13

Acetone
Concen: 1.354 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.03 min
Lab File: VW005779.D
Acq: 02 Oct 2018 16:21

Tgt Ion: 43 Resp: 1130
Ion Ratio Lower Upper
43 100
58 16.8 0.0 31.8

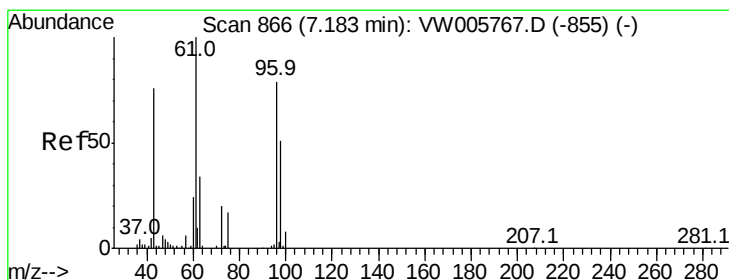
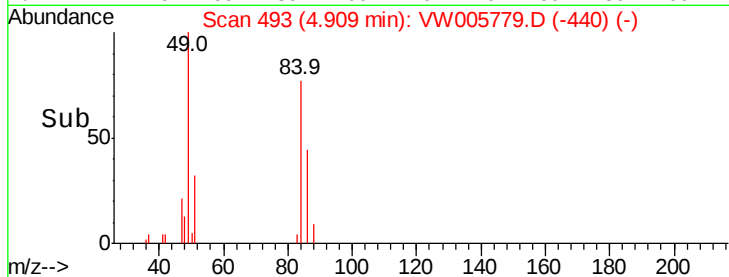
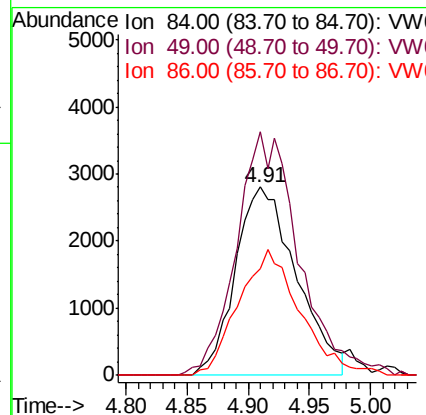
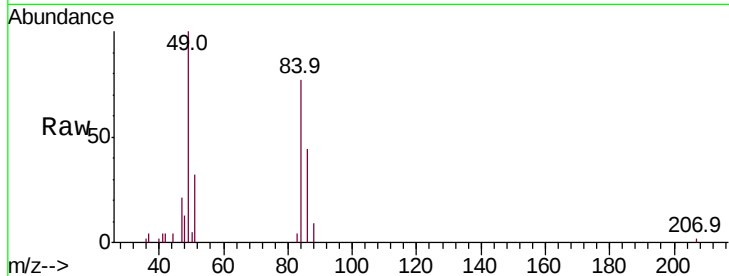




#16
Methylene chloride
Concen: 3.013 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW005779.D
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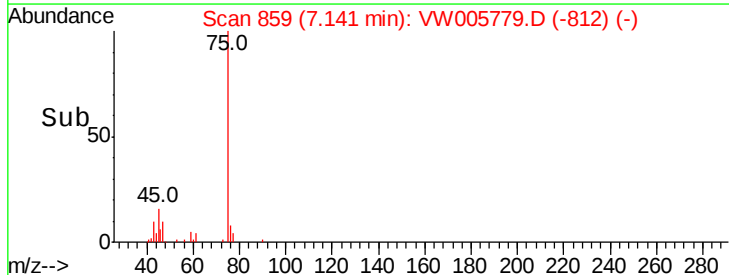
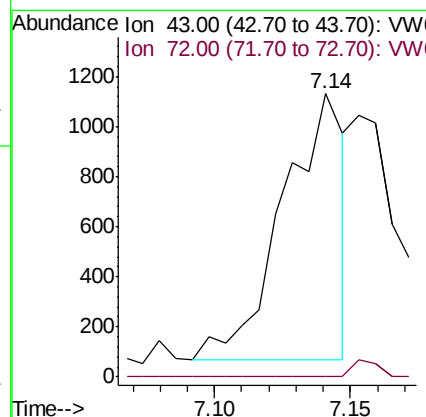
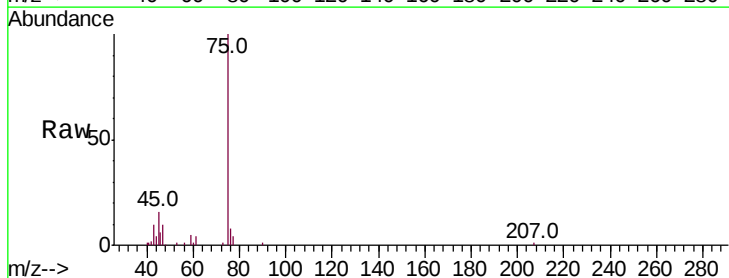
Instrument :
MSVOA_W
ClientSampled :

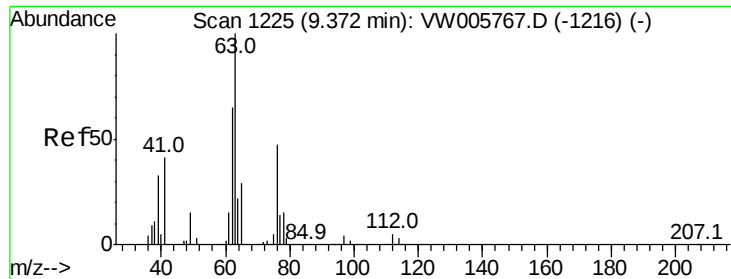
Tot Ion: 84 Resp: 9731
Ion Ratio Lower Upper
84 100
49 129.2 87.2 162.0
86 56.7 43.2 80.2



#21
2-Butanone
Concen: 1.673 ug/L
RT: 7.14 min Scan# 859
Delta R.T. -0.04 min
Lab File: VW005779.D
Acq: 02 Oct 2018 16:21

Tgt Ion: 43 Resp: 1673
Ion Ratio Lower Upper
43 100
72 2.6 13.2 39.6#

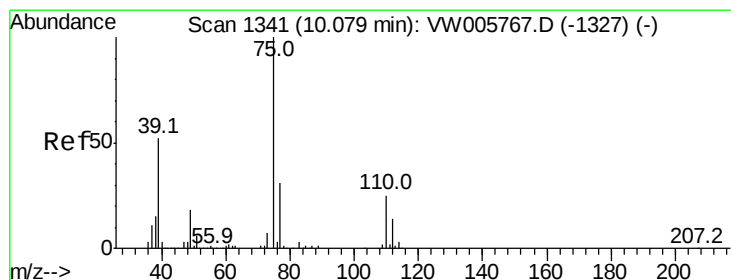
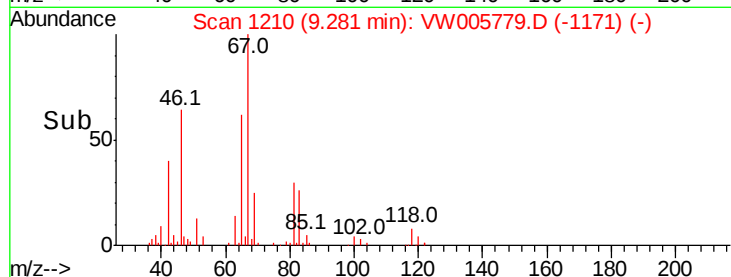
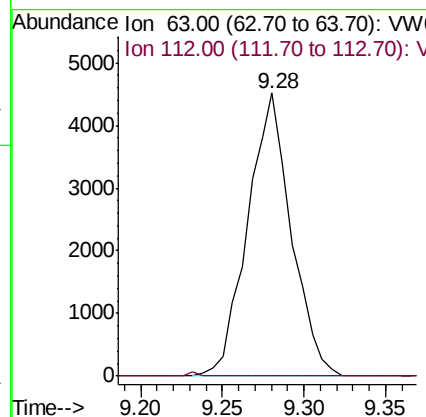
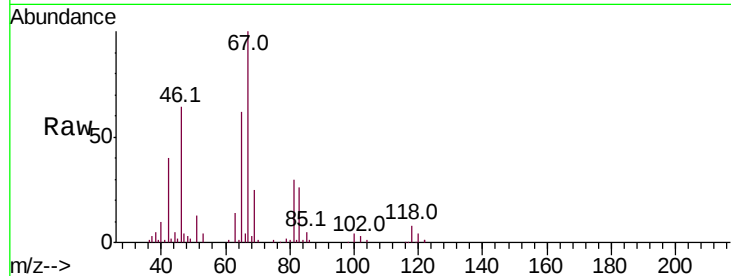




#40
 1,2-Dichloropropane
 Concen: 3.401 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW005779.D
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Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 63 Resp: 8385
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#42
 cis-1,3-Dichloropropene
 Concen: 0.448 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW005779.D
 Acq: 02 Oct 2018 16:21

Tgt Ion: 75 Resp: 1824
 Ion Ratio Lower Upper
 75 100
 77 39.8 22.3 41.3

