

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081720\
 Data File : VW016214.D
 Acq On : 17 Aug 2020 13:38
 Operator : SY/VA
 Sample : L3702-07
 Misc : 6.34G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSP2

Quant Time: Aug 18 03:22:49 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	397285	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	368660	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	158810	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	80822	16.41	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.64%
7) Chloroethane-d5	2.89	69	64972	17.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.52%
10) 1,1-Dichloroethene-d2	4.01	63	142048	13.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.32%
20) 2-Butanone-d5	7.09	46	49688	38.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.68%
24) Chloroform-d	7.65	84	198675	18.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.52%
26) 1,2-Dichloroethane-d4	8.31	65	103607	18.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.20%
29) Benzene-d6	8.27	84	396043	19.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.00%
33) 1,2-Dichloropropane-d6	9.28	67	118904	20.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.64%
37) Toluene-d8	10.33	98	357713	19.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.80%
38) trans-1,3-Dichloropropene-	10.59	79	48512	18.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.20%
39) 2-Hexanone-d5	10.93	63	40651	39.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100333	20.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	122058	21.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.72%

Target Compounds

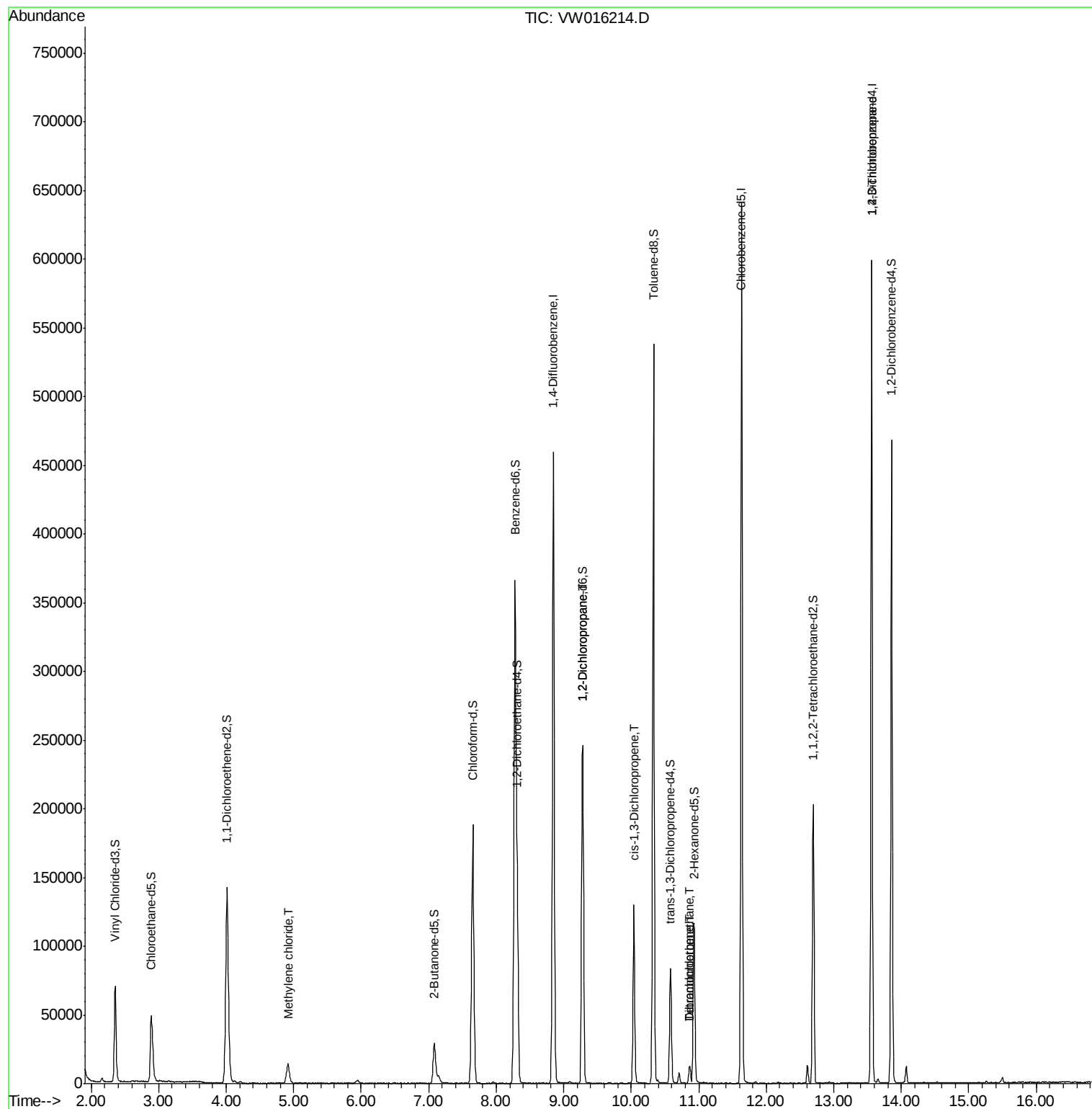
					Ovalue
16) Methylene chloride	4.92	84	11813	1.883 ug/L	89
40) 1,2-Dichloropropane	9.27	63	12772	2.446 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	3129	0.394 ug/L #	48
47) Tetrachloroethene	10.87	164	2983	0.696 ug/L	93
50) Dibromochloromethane	10.87	129	3117	0.644 ug/L #	10
59) 1,2,3-Trichloropropane	13.56	75	18189	5.007 ug/L	93

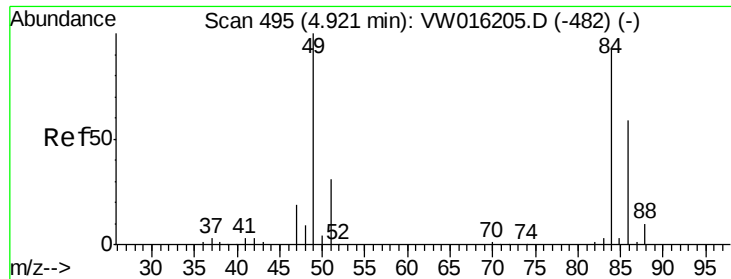
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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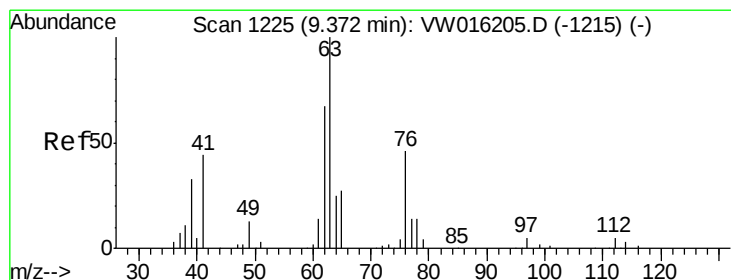
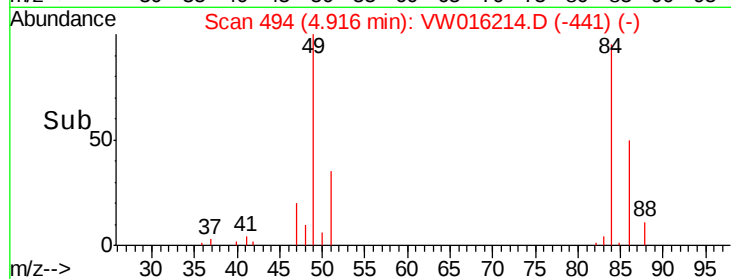
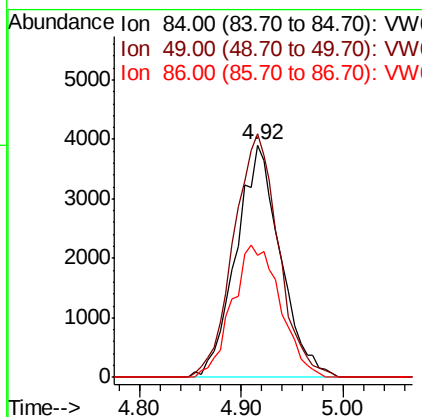
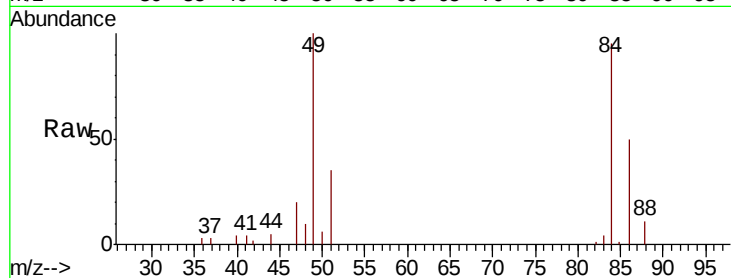




#16
Methvlene chloride
Concen: 1.883 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW016214.D
Acq: 17 Aug 2020 13:38

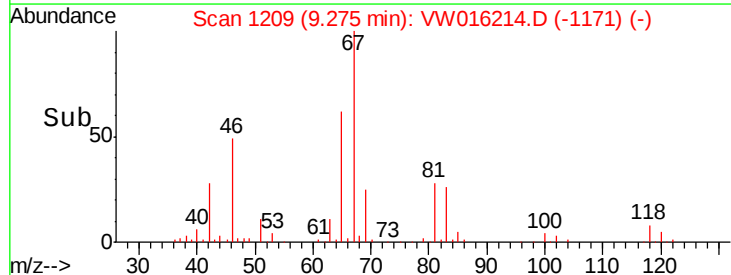
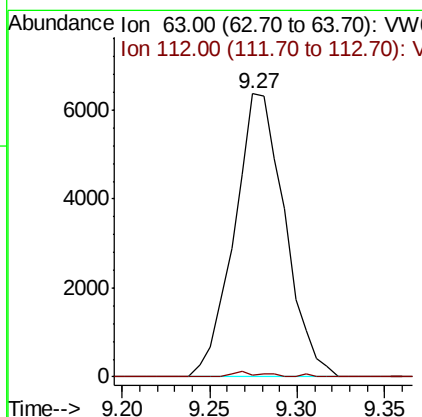
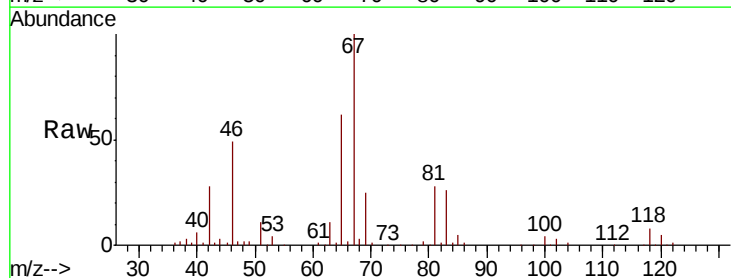
Instrument :
MSVOA_W
ClientSampled :
BFSP2

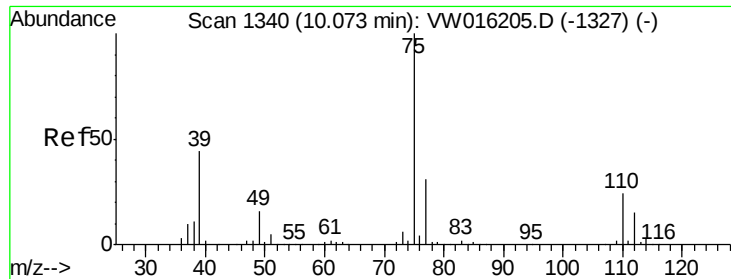
Tot Ion: 84 Resp: 11813
Ion Ratio Lower Upper
84 100
49 104.9 80.4 149.4
86 52.4 43.8 81.3



#40
1,2-Dichloropropane
Concen: 2.446 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW016214.D
Acq: 17 Aug 2020 13:38

Tgt Ion: 63 Resp: 12772
Ion Ratio Lower Upper
63 100
112 0.7 4.0 6.0#

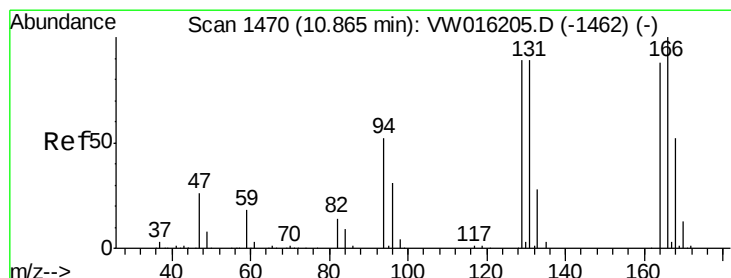
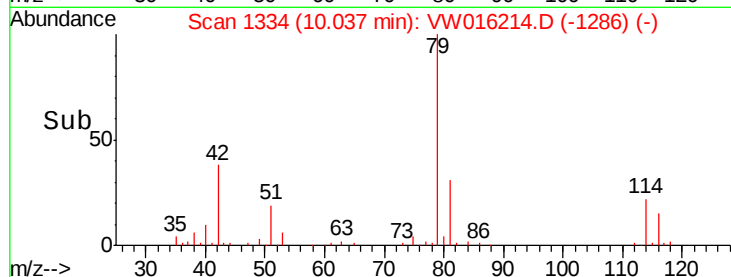
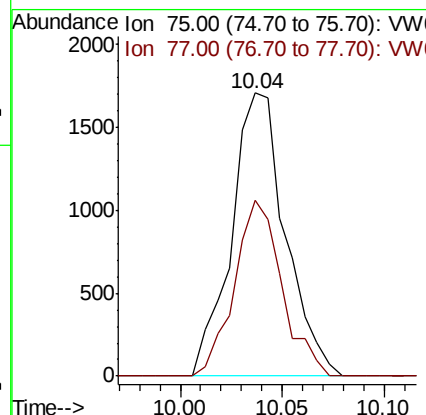
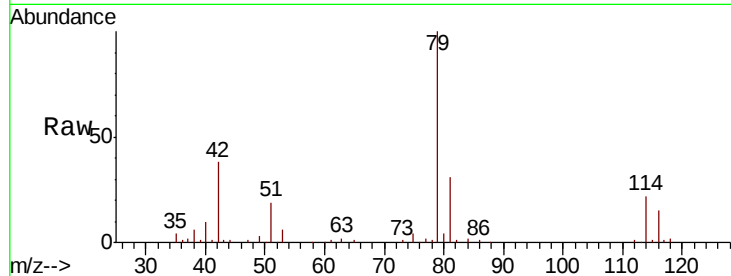




#42
 cis-1,3-Dichloropropene
 Concen: 0.394 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016214.D
 Acq: 17 Aug 2020 13:38

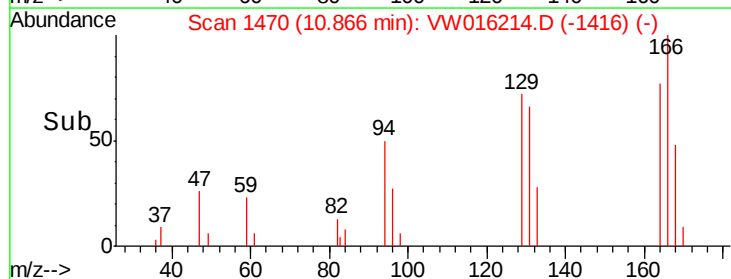
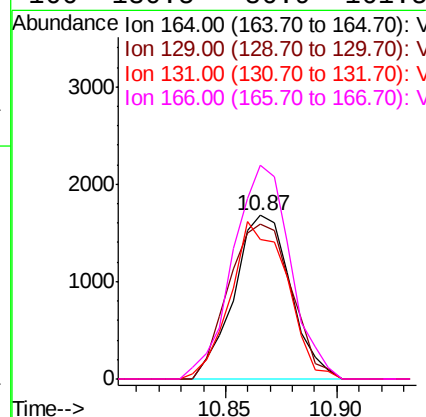
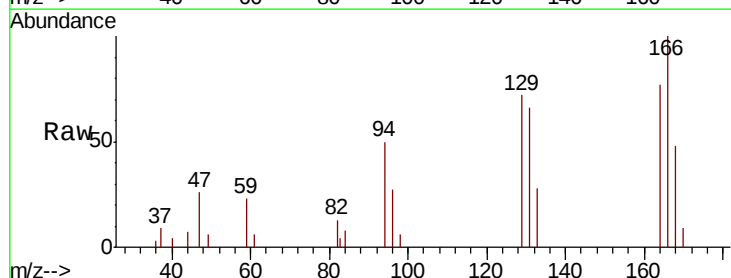
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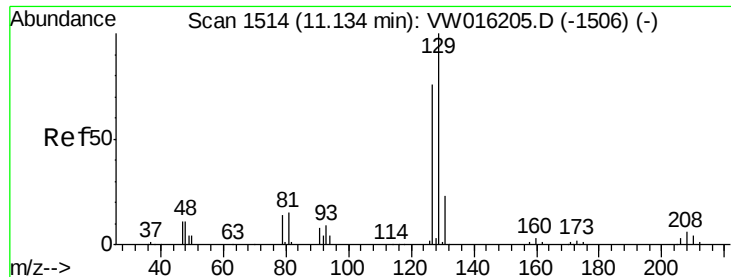
Tot Ion: 75 Resp: 3129
 Ion Ratio Lower Upper
 75 100
 77 62.0 22.9 42.5#



#47
 Tetrachloroethene
 Concen: 0.696 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VW016214.D
 Acq: 17 Aug 2020 13:38

Tgt Ion:164 Resp: 2983
 Ion Ratio Lower Upper
 164 100
 129 94.4 71.5 132.9
 131 85.5 65.4 121.4
 166 130.5 86.9 161.5

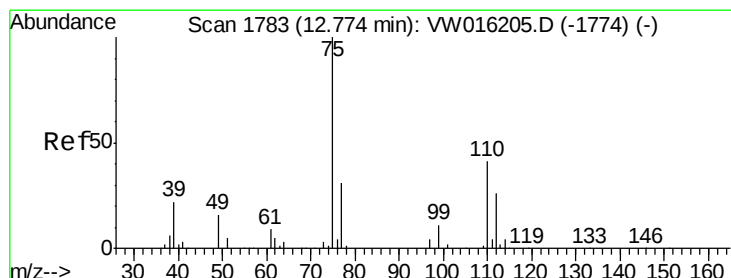
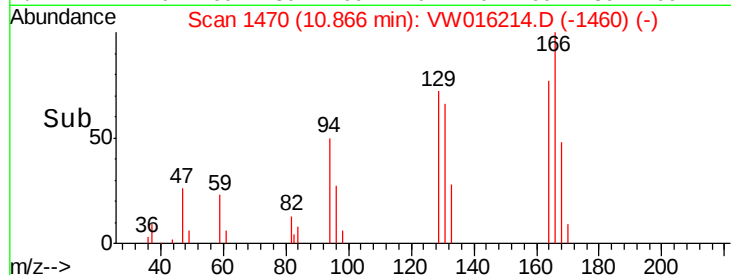
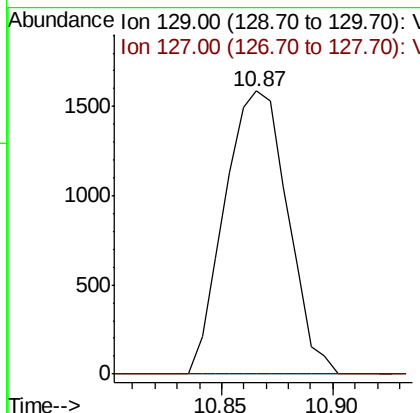
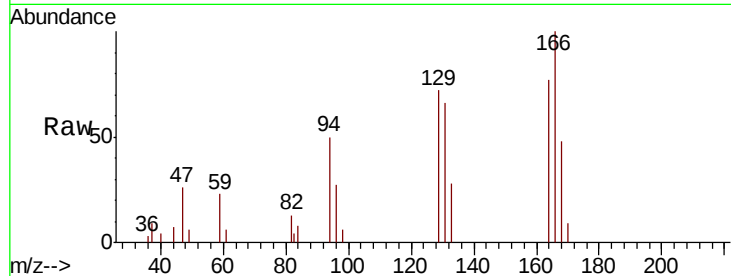




#50
 Dibromochloromethane
 Concen: 0.644 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.27 min
 Lab File: VW016214.D
 Acq: 17 Aug 2020 13:38

Instrument :
 MSVOA_W
 ClientSampled :
 BFSP2

Tot Ion:129 Resp: 3117
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.4 102.8#



#59
 1,2,3-Trichloropropane
 Concen: 5.007 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW016214.D
 Acq: 17 Aug 2020 13:38

Tgt Ion: 75 Resp: 18189
 Ion Ratio Lower Upper
 75 100
 77 36.4 25.9 38.9

