

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050421\
 Data File : VW018923.D
 Acq On : 04 May 2021 17:08
 Operator : SY/VA
 Sample : M2272-05
 Misc : 5.18G/10ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 05 00:08:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 05 00:05:43 2021
 Response via : Initial Calibration

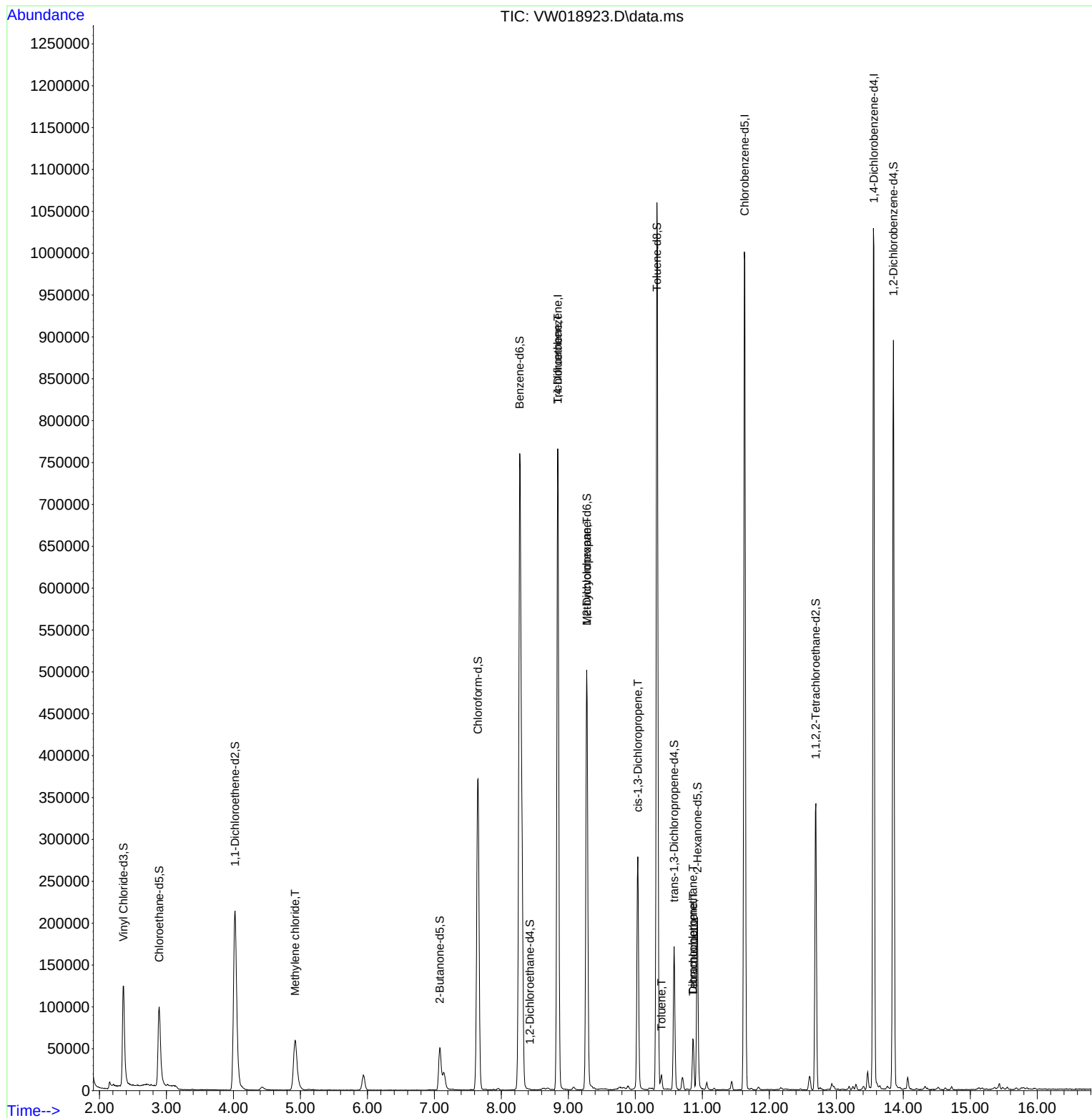
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	611316	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	545516	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	249745	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	167290	21.33	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	85.32%	
7) Chloroethane-d5	2.891	69	135940	22.37	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	89.48%	
11) 1,1-Dichloroethene-d2	4.025	63	261826	16.81	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	67.24%	
21) 2-Butanone-d5	7.079	46	85017	41.62	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	83.24%	
24) Chloroform-d	7.652	84	385228	24.01	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	96.04%	
26) 1,2-Dichloroethane-d4	8.427	65	97	0.01	ug/L	0.12
Spiked Amount	25.000	Range 70 - 130	Recovery	=	0.04%#	
32) Benzene-d6	8.274	84	764997	24.82	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	99.28%	
36) 1,2-Dichloropropane-d6	9.274	67	230393	25.20	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	100.80%	
41) Toluene-d8	10.323	98	701345	24.40	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	97.60%	
43) trans-1,3-Dichloroprop...	10.579	79	90730	21.83	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	87.32%	
47) 2-Hexanone-d5	10.926	63	73100	44.65	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	89.30%	
56) 1,1,2,2-Tetrachloroeth...	12.694	84	169612	21.89	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	87.56%	
66) 1,2-Dichlorobenzene-d4	13.852	152	217954	25.47	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	101.88%	
Target Compounds						
16) Methylene chloride	4.921	84	57814	5.72	ug/L	98
34) Trichloroethene	8.841	95	19080	2.19	ug/L #	5
35) Methylcyclohexane	9.274	83	57124	3.73	ug/L #	20
39) cis-1,3-Dichloropropene	10.036	75	7252	0.58	ug/L #	69
42) Toluene	10.390	91	11839	0.33	ug/L	91
46) Tetrachloroethene	10.865	164	12616	1.93	ug/L	96
49) Dibromochloromethane	10.859	129	12557	1.85	ug/L #	13

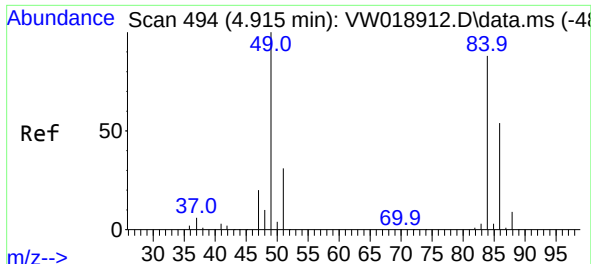
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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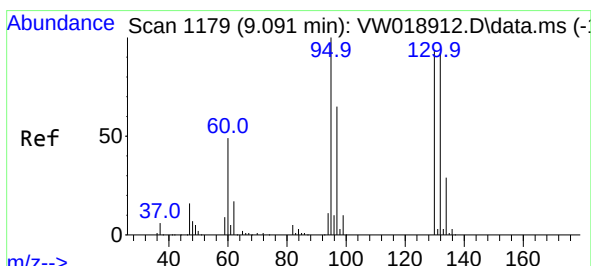
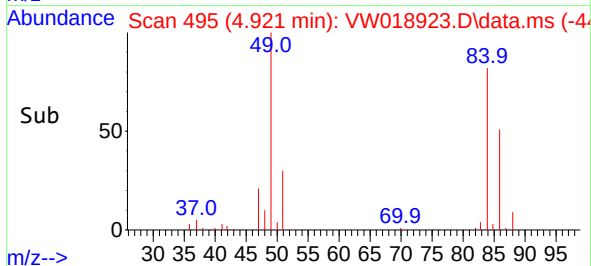
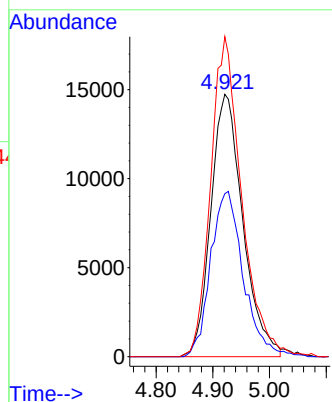
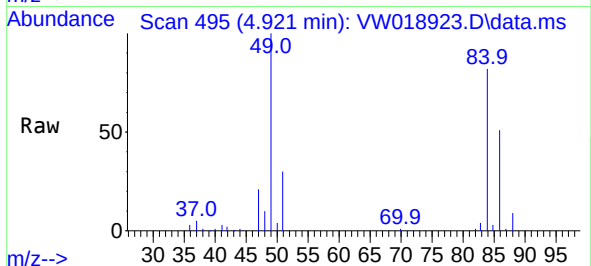




#16
Methylene chloride
Concen: 5.72 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018923.D
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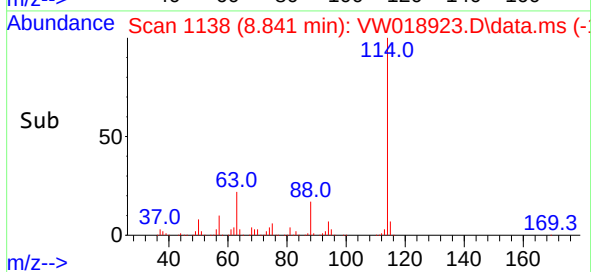
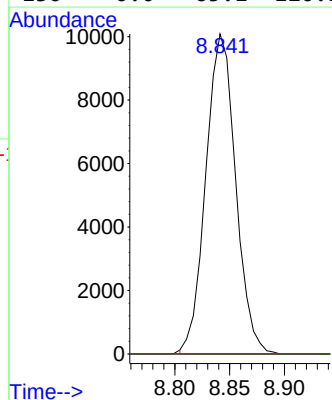
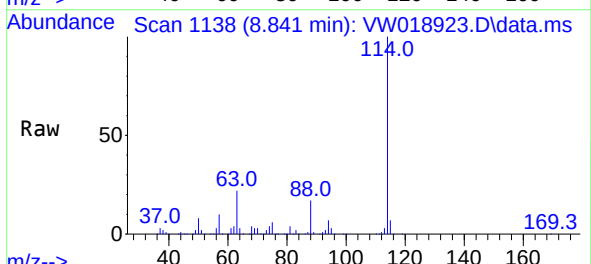
Instrument :
MSVOA_W
ClientSampled :

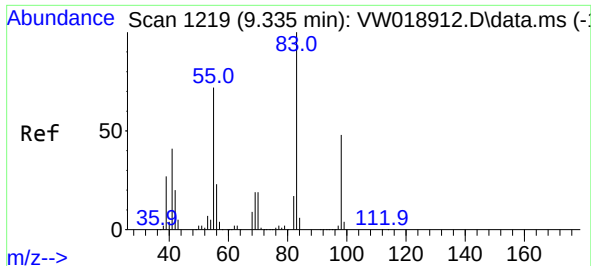
Tgt Ion: 84 Resp: 57814
Ion Ratio Lower Upper
84 100
86 62.1 45.3 84.1
49 121.9 86.6 160.8



#34
Trichloroethene
Concen: 2.19 ug/L
RT: 8.841 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018923.D
Acq: 04 May 2021 17:08

Tgt Ion: 95 Resp: 19080
Ion Ratio Lower Upper
95 100
97 0.0 47.3 87.8#
132 0.0 71.0 131.8#
130 0.0 65.1 120.9#

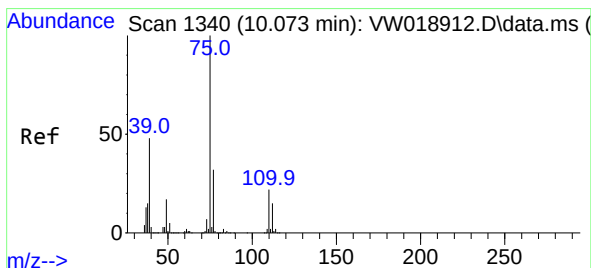
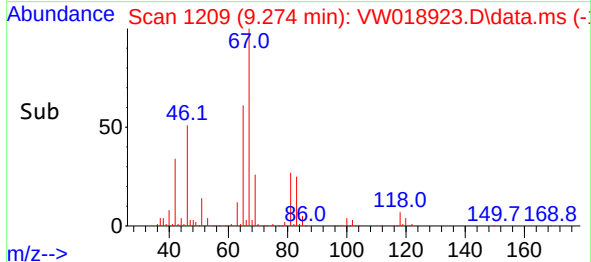
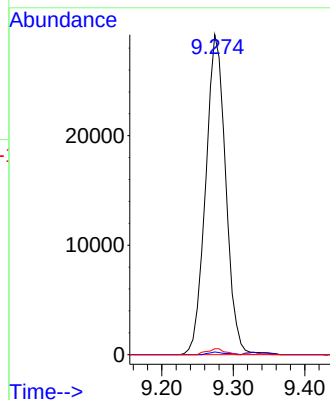
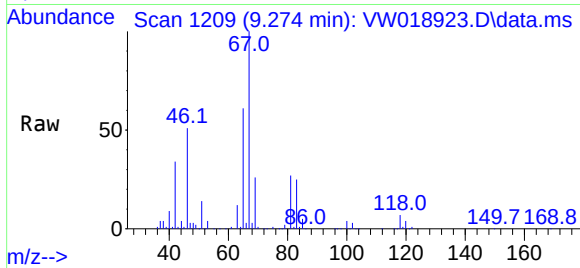




#35
Methylcyclohexane
Concen: 3.73 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018923.D
Acq: 04 May 2021 17:08

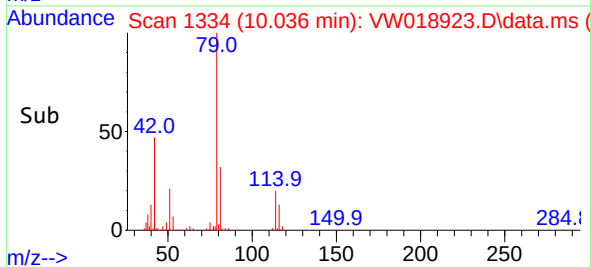
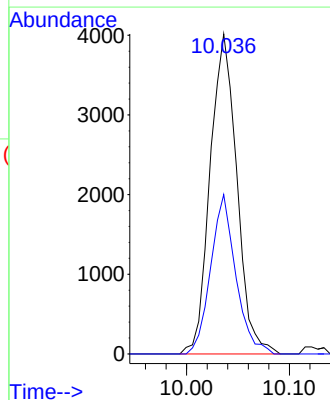
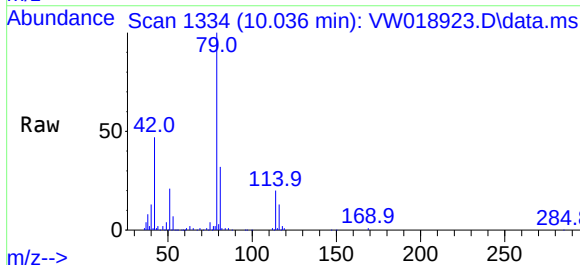
Instrument :
MSVOA_W
ClientSampled :

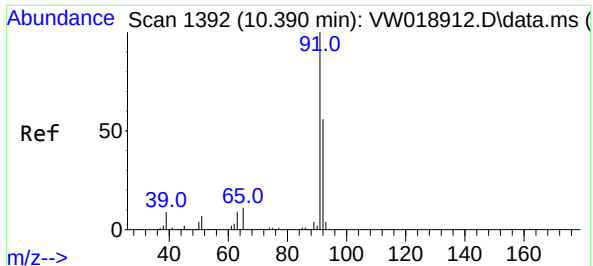
Tgt Ion: 83 Resp: 57124
Ion Ratio Lower Upper
83 100
55 0.7 58.9 88.3#
98 1.6 40.1 60.1#



#39
cis-1,3-Dichloropropene
Concen: 0.58 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018923.D
Acq: 04 May 2021 17:08

Tgt Ion: 75 Resp: 7252
Ion Ratio Lower Upper
75 100
77 49.8 22.6 42.0#

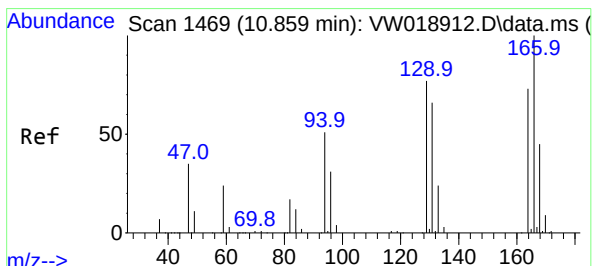
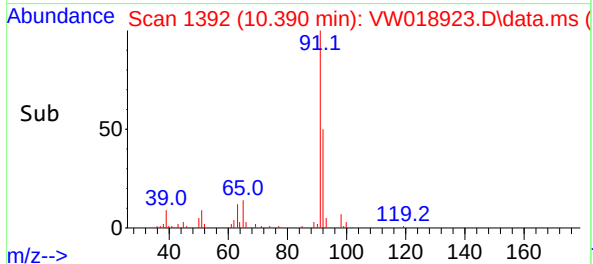
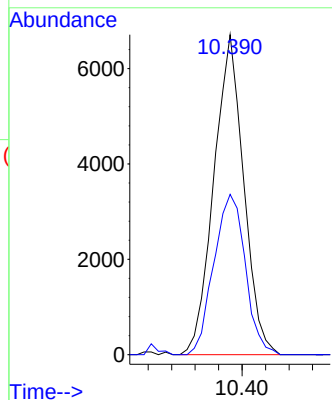
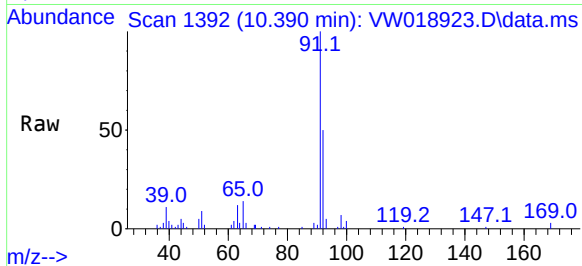




#42
Toluene
Concen: 0.33 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018923.D
Acq: 04 May 2021 17:08

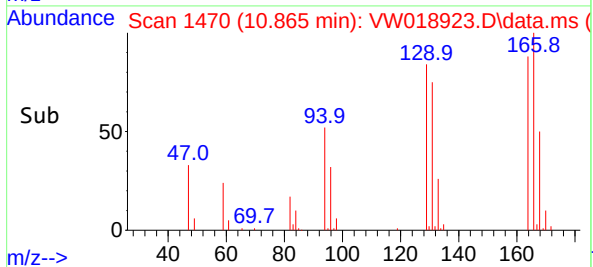
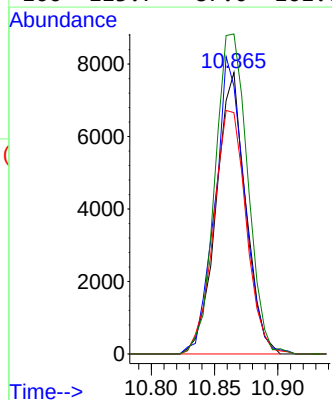
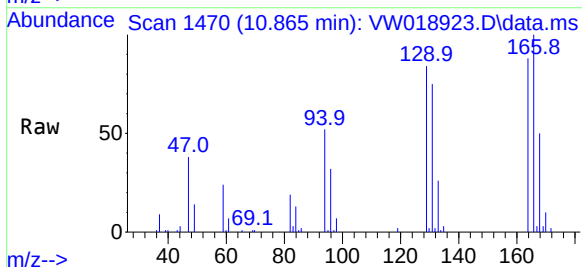
Instrument :
MSVOA_W
ClientSampled :

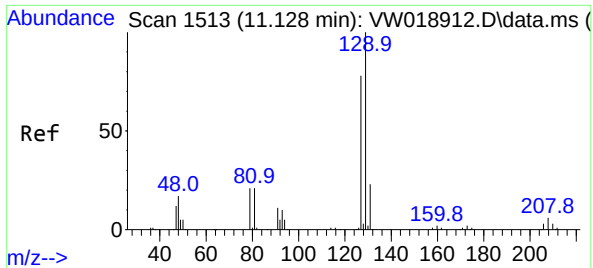
Tgt Ion: 91 Resp: 11839
Ion Ratio Lower Upper
91 100
92 50.1 39.5 73.3



#46
Tetrachloroethene
Concen: 1.93 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018923.D
Acq: 04 May 2021 17:08

Tgt Ion:164 Resp: 12616
Ion Ratio Lower Upper
164 100
129 95.1 66.7 123.9
131 85.7 61.1 113.5
166 113.7 87.0 161.6





#49
Dibromochloromethane
Concen: 1.85 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW018923.D
Acq: 04 May 2021 17:08

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:129 Resp: 12557
Ion Ratio Lower Upper
129 100
127 0.0 51.7 95.9#

