

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
 Data File : VV031118.D
 Acq On : 19 May 2023 19:49
 Operator : SY/MD
 Sample : 02866-12
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX87

Quant Time: May 20 00:37:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 20 00:29:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

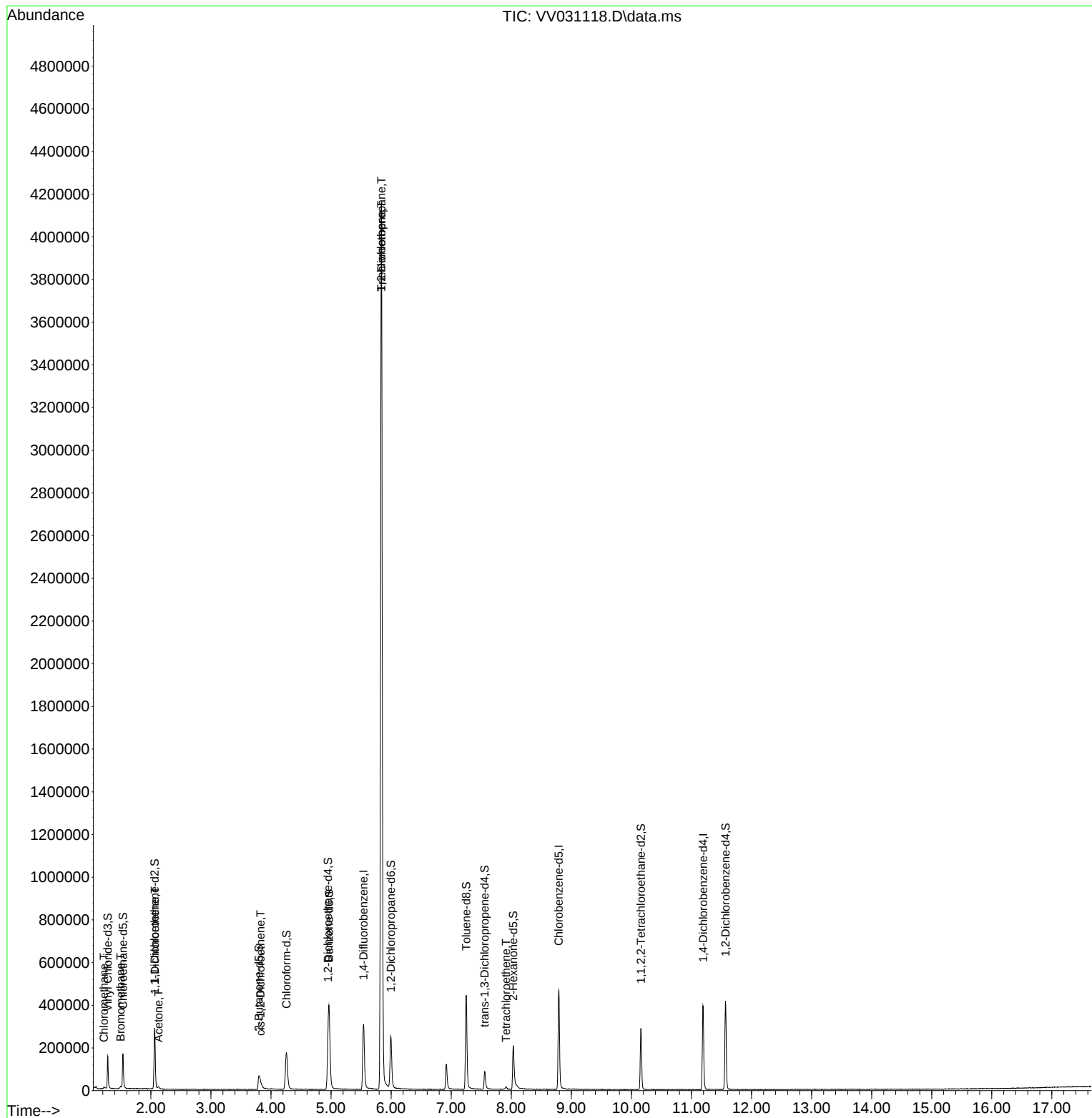
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	256965	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	249990	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	105145	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	99448	45.284	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.560%
7) Chloroethane-d5	1.536	69	93150	55.060	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.120%
11) 1,1-Dichloroethene-d2	2.063	65	46909	45.551	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.100%
21) 2-Butanone-d5	3.799	46	112649	96.267	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.270%
24) Chloroform-d	4.259	84	178231	45.876	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.760%
26) 1,2-Dichloroethane-d4	4.950	65	129426	49.300	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.600%
32) Benzene-d6	4.966	84	322830	47.636	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.280%
36) 1,2-Dichloropropane-d6	5.995	67	99128	48.886	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.780%
41) Toluene-d8	7.249	98	287279	45.419	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.840%
43) trans-1,3-Dichloroprop...	7.558	79	45935	45.152	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.300%
47) 2-Hexanone-d5	8.034	63	68322	86.417	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.420%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	119751	39.374	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.740%
66) 1,2-Dichlorobenzene-d4	11.567	152	105222	55.689	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.380%
Target Compounds						
					Qvalue	
3) Chloromethane	1.221	50	10883	5.992	ug/L	97
6) Bromomethane	1.497	94	2831	3.114	ug/L	97
12) 1,1-Dichloroethene	2.069	96	1870	1.310	ug/L #	1
13) Acetone	2.127	43	10648	6.999	ug/L	97
20) cis-1,2-Dichloroethene	3.825	96	6641	4.082	ug/L	83
34) Trichloroethene	5.838	95	1320904	823.122	ug/L	99
37) 1,2-Dichloropropane	5.838	63	4985	3.024	ug/L	97
46) Tetrachloroethene	7.915	164	2424	1.759	ug/L	95

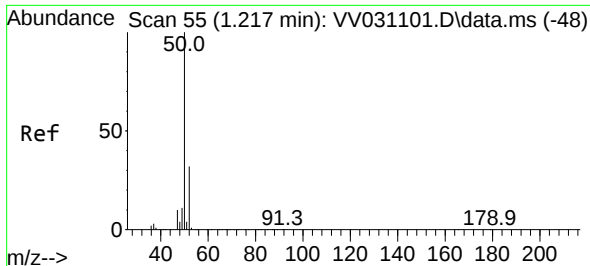
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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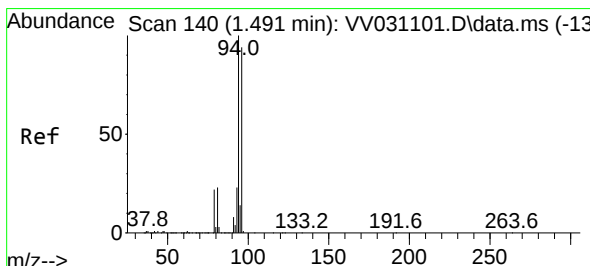
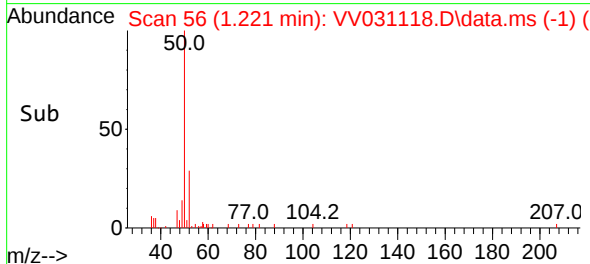
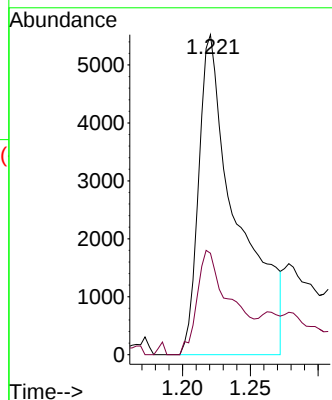
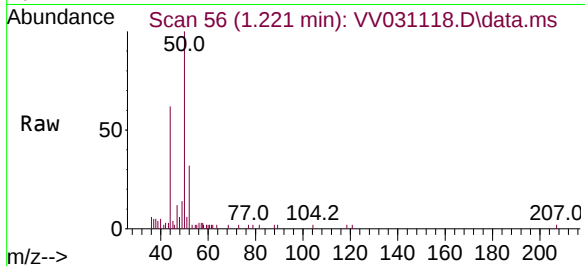




#3
Chloromethane
Concen: 5.992 ug/L
RT: 1.221 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV031118.D
Acq: 19 May 2023 19:49

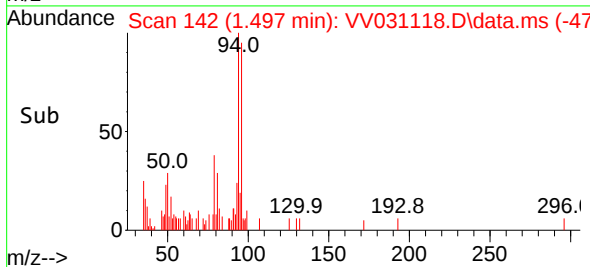
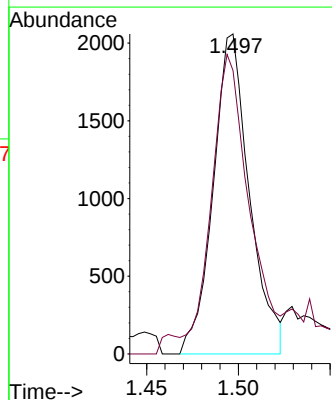
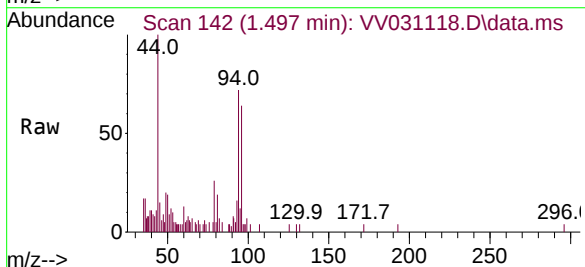
Instrument :
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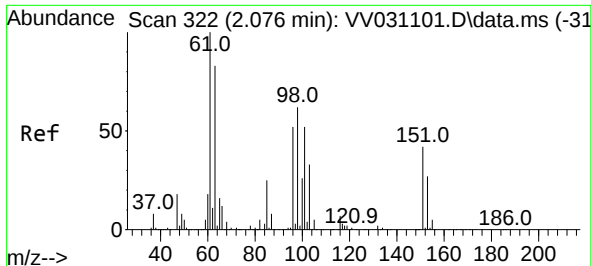
Tgt Ion: 50 Resp: 10883
Ion Ratio Lower Upper
50 100
52 31.7 23.3 43.3



#6
Bromomethane
Concen: 3.114 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.007 min
Lab File: VV031118.D
Acq: 19 May 2023 19:49

Tgt Ion: 94 Resp: 2831
Ion Ratio Lower Upper
94 100
96 88.6 63.9 118.7

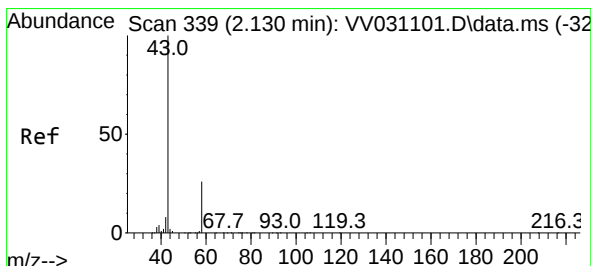
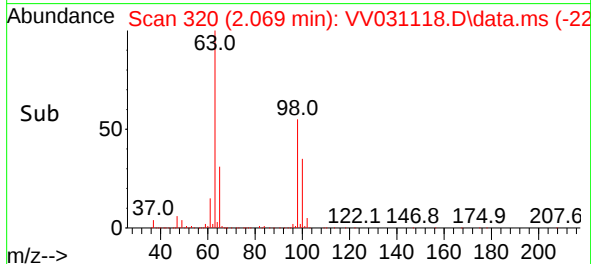
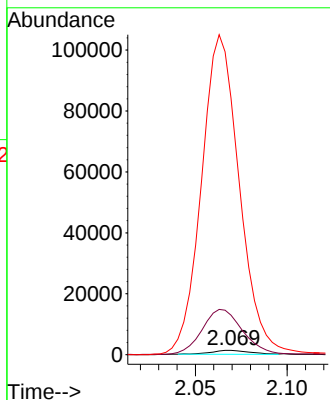
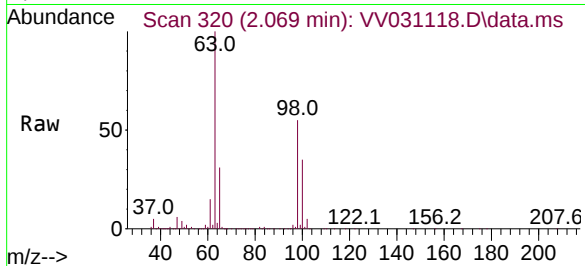




#12
1,1-Dichloroethene
Concen: 1.310 ug/L
RT: 2.069 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV031118.D
Acq: 19 May 2023 19:49

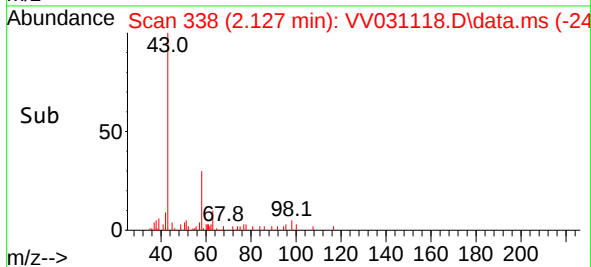
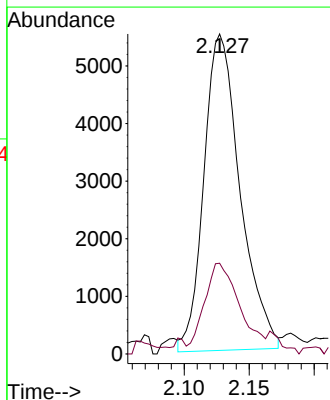
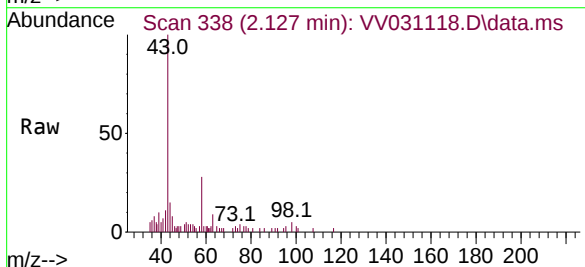
Instrument :
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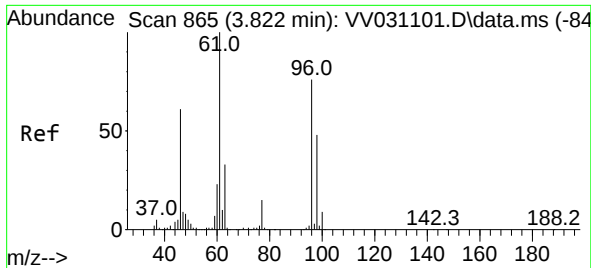
Tgt Ion: 96 Resp: 1870
Ion Ratio Lower Upper
96 100
61 900.1 137.9 256.1#
63 5834.3 114.2 212.0#



#13
Acetone
Concen: 6.999 ug/L
RT: 2.127 min Scan# 338
Delta R.T. -0.003 min
Lab File: VV031118.D
Acq: 19 May 2023 19:49

Tgt Ion: 43 Resp: 10648
Ion Ratio Lower Upper
43 100
58 25.7 0.0 54.0

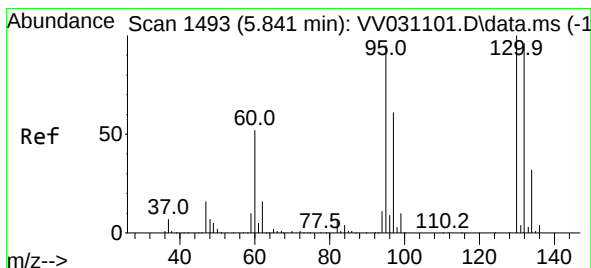
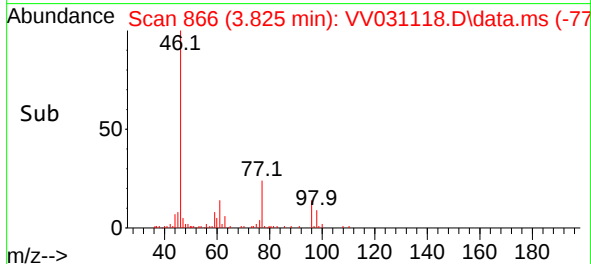
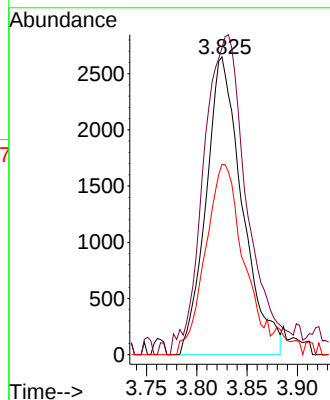
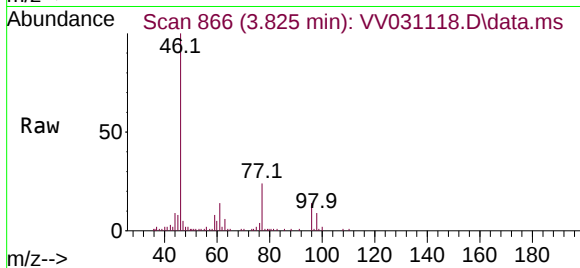




#20
 cis-1,2-Dichloroethene
 Concen: 4.082 ug/L
 RT: 3.825 min Scan# 865
 Delta R.T. 0.003 min
 Lab File: VV031118.D
 Acq: 19 May 2023 19:49

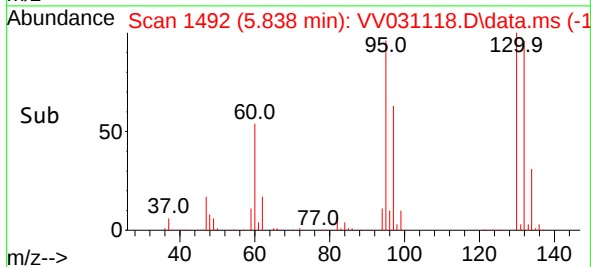
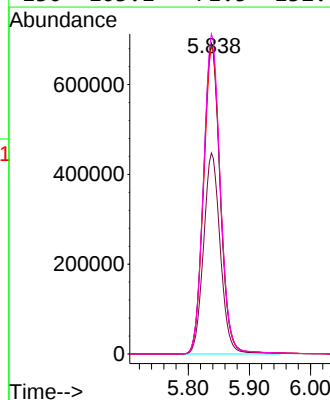
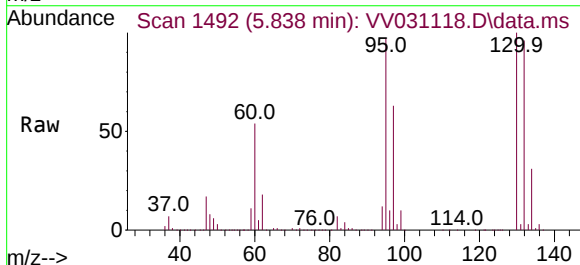
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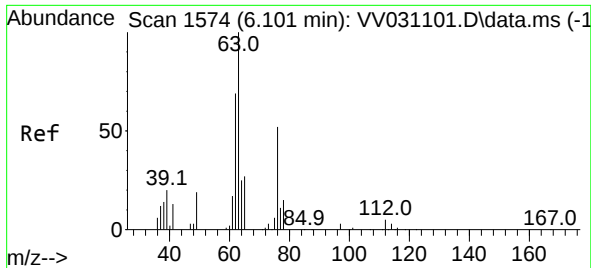
Tgt Ion:	96	Resp:	6641
Ion	Ratio	Lower	Upper
96	100		
61	103.1	89.2	165.6
98	68.2	43.0	80.0



#34
 Trichloroethene
 Concen: 823.122 ug/L
 RT: 5.838 min Scan# 1492
 Delta R.T. -0.003 min
 Lab File: VV031118.D
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Tgt Ion:	95	Resp:	1320904
Ion	Ratio	Lower	Upper
95	100		
97	64.7	44.4	82.5
132	99.1	70.2	130.4
130	103.1	71.5	132.7

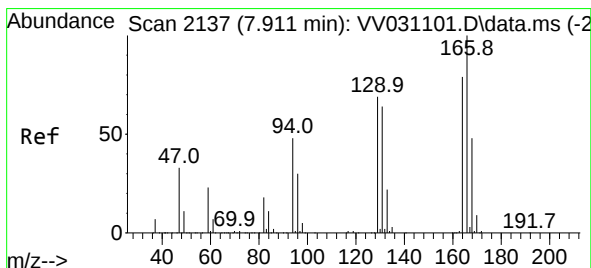
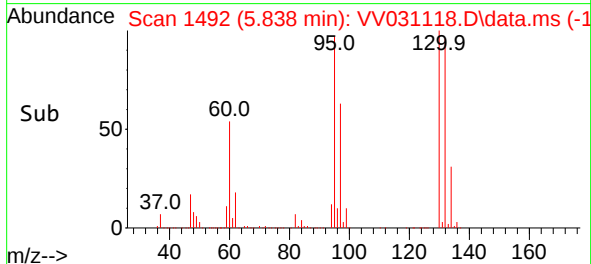
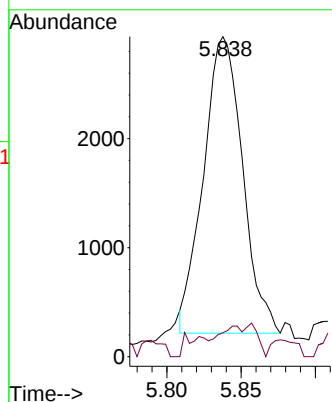
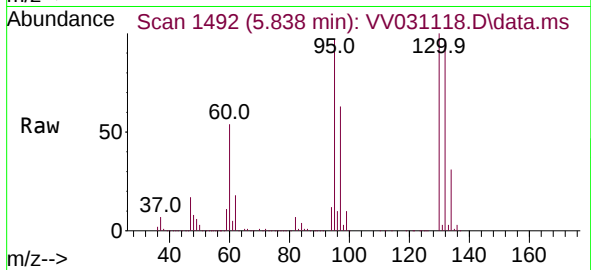




#37
1,2-Dichloropropane
Concen: 3.024 ug/L
RT: 5.838 min Scan# 14
Delta R.T. -0.264 min
Lab File: VV031118.D
Acq: 19 May 2023 19:49

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 63 Resp: 4985
Ion Ratio Lower Upper
63 100
112 6.2 4.3 6.5



#46
Tetrachloroethene
Concen: 1.759 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV031118.D
Acq: 19 May 2023 19:49

Tgt Ion:164 Resp: 2424
Ion Ratio Lower Upper
164 100
129 91.8 65.5 121.7
131 84.7 62.1 115.3
166 142.6 93.4 173.4

