

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051923\
 Data File : VW031112.D
 Acq On : 19 May 2023 17:22
 Operator : SY/MD
 Sample : 02866-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX81

Quant Time: May 20 00:35:42 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)

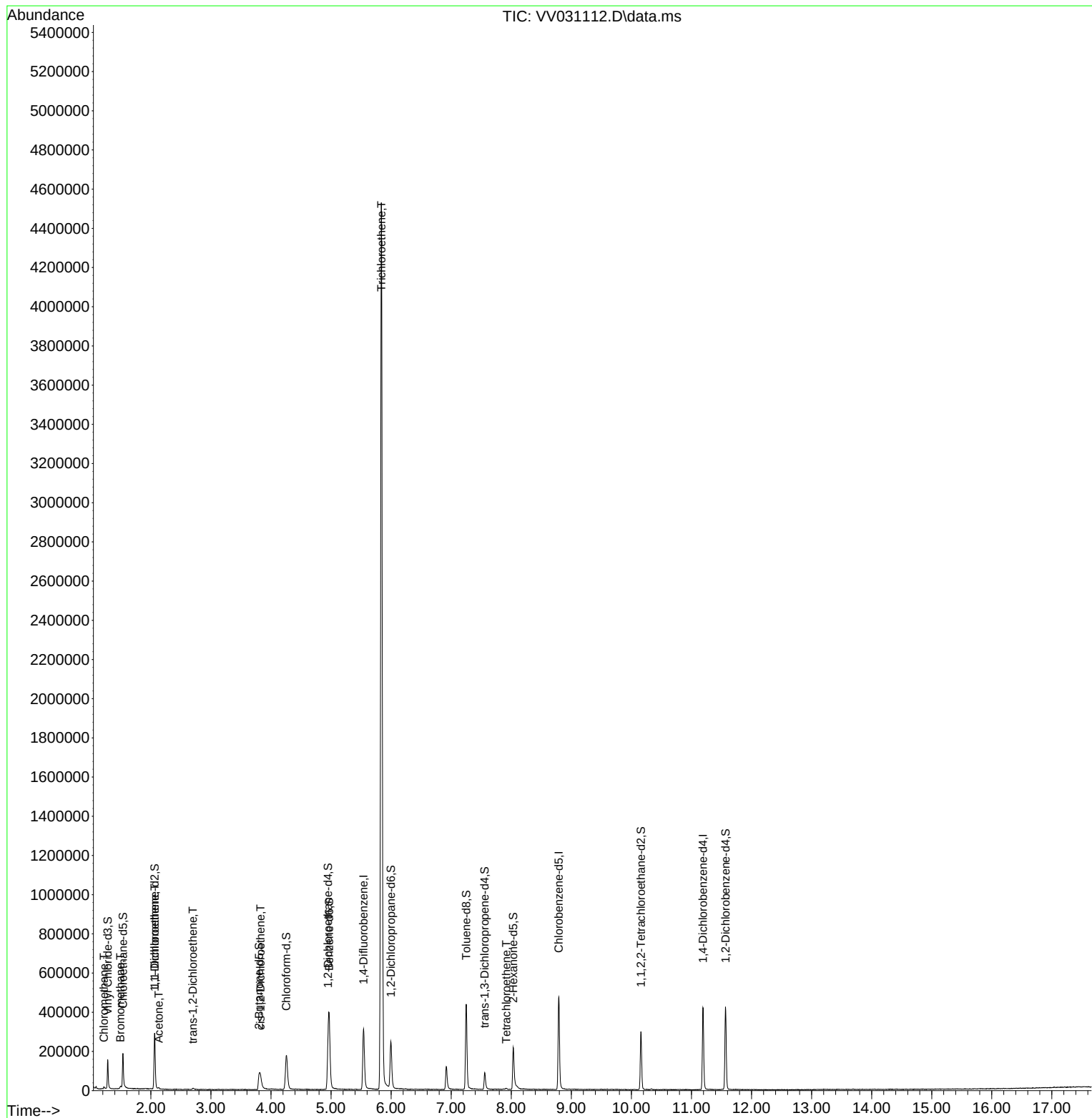
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	261319	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	251552	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	111540	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	98494	44.103	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.200%
7) Chloroethane-d5	1.535	69	99533	57.853	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.700%
11) 1,1-Dichloroethene-d2	2.063	65	46526	44.426	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.860%
21) 2-Butanone-d5	3.802	46	112375	94.433	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.430%
24) Chloroform-d	4.256	84	177077	44.820	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.640%
26) 1,2-Dichloroethane-d4	4.950	65	124930	46.795	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.580%
32) Benzene-d6	4.969	84	322921	47.353	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.700%
36) 1,2-Dichloropropane-d6	5.995	67	100707	49.356	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.720%
41) Toluene-d8	7.249	98	285381	44.838	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.680%
43) trans-1,3-Dichloroprop...	7.558	79	47857	46.749	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.500%
47) 2-Hexanone-d5	8.034	63	72487	91.115	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.120%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	126053	41.189	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.380%
66) 1,2-Dichlorobenzene-d4	11.567	152	106070	52.919	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.840%
Target Compounds						
					Qvalue	
3) Chloromethane	1.220	50	8638	4.677	ug/L	91
6) Bromomethane	1.494	94	3765	4.072	ug/L	98
12) 1,1-Dichloroethene	2.066	96	3544	2.441	ug/L #	1
13) Acetone	2.133	43	6278	4.058	ug/L	72
17) trans-1,2-Dichloroethene	2.699	96	2420	1.803	ug/L	89
20) cis-1,2-Dichloroethene	3.825	96	24549	14.838	ug/L	95
34) Trichloroethene	5.837	95	1432125	886.888	ug/L	98
46) Tetrachloroethene	7.918	164	1172	0.845	ug/L #	83

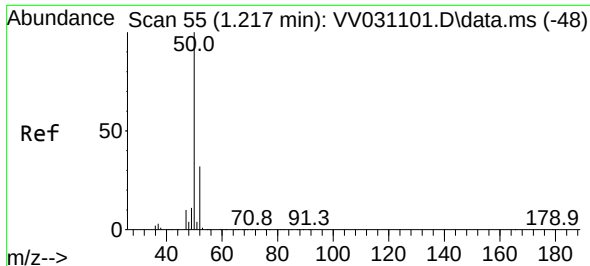
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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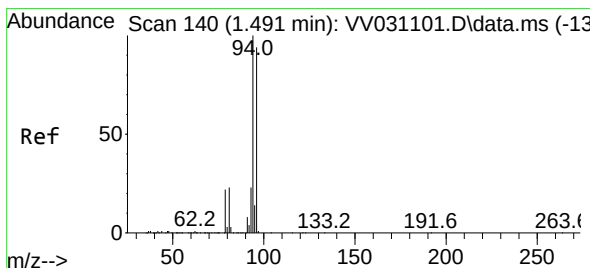
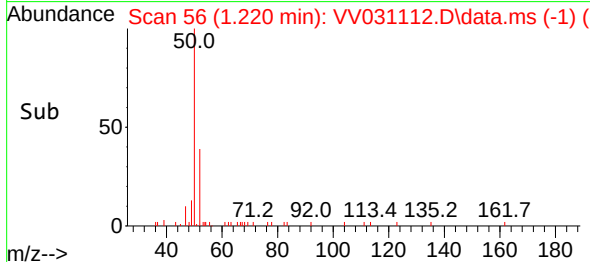
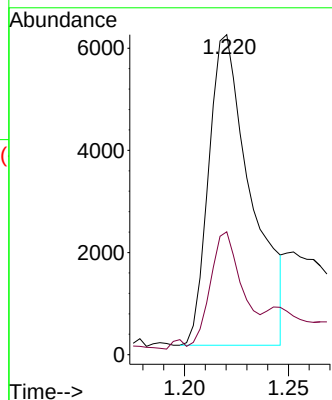
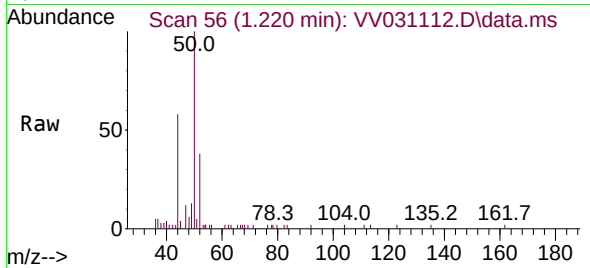




#3
Chloromethane
Concen: 4.677 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV031112.D
Acq: 19 May 2023 17:22

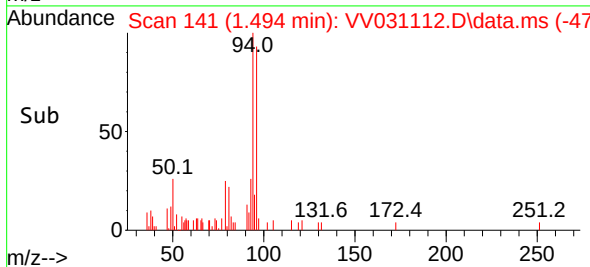
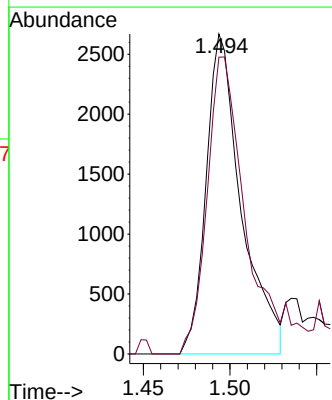
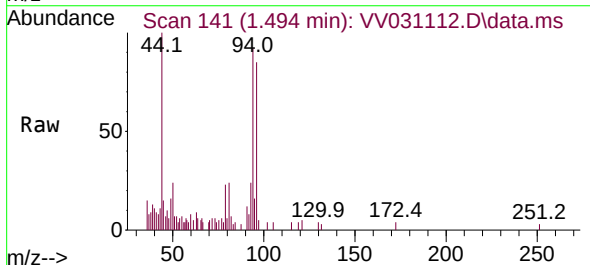
Instrument :
MSVOA_V
ClientSampleId :
GBX81

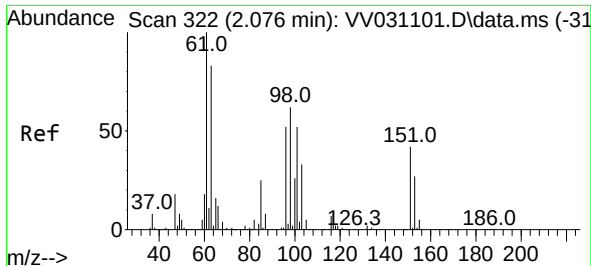
Tgt Ion: 50 Resp: 8638
Ion Ratio Lower Upper
50 100
52 38.4 23.3 43.3



#6
Bromomethane
Concen: 4.072 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV031112.D
Acq: 19 May 2023 17:22

Tgt Ion: 94 Resp: 3765
Ion Ratio Lower Upper
94 100
96 92.8 63.9 118.7

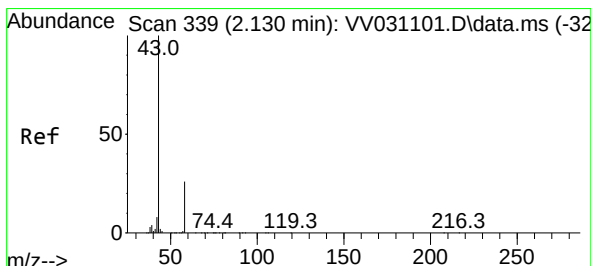
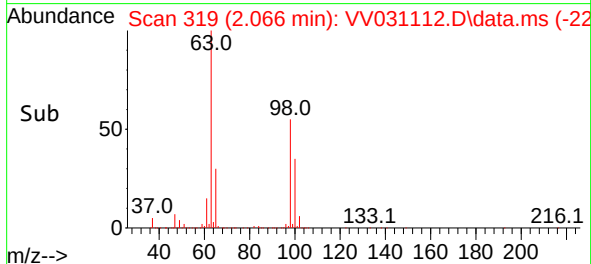
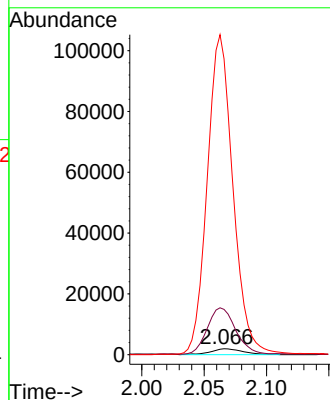
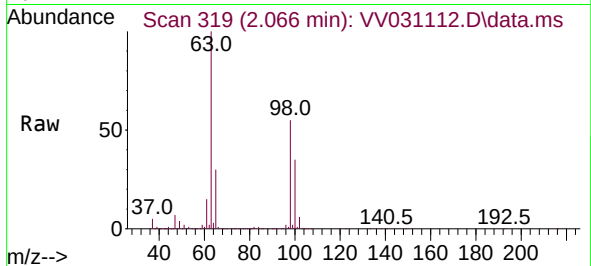




#12
1,1-Dichloroethene
Concen: 2.441 ug/L
RT: 2.066 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV031112.D
Acq: 19 May 2023 17:22

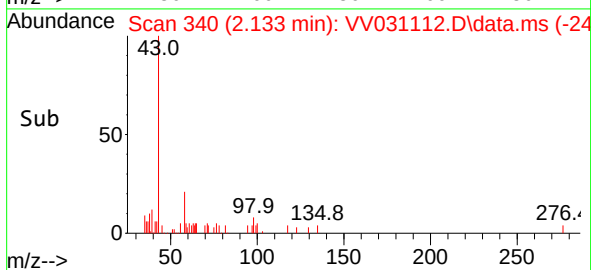
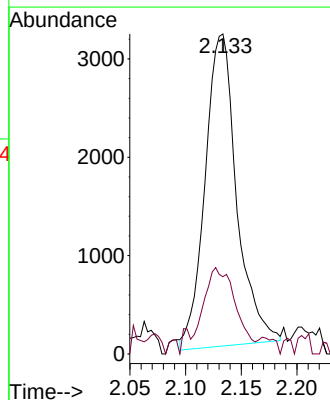
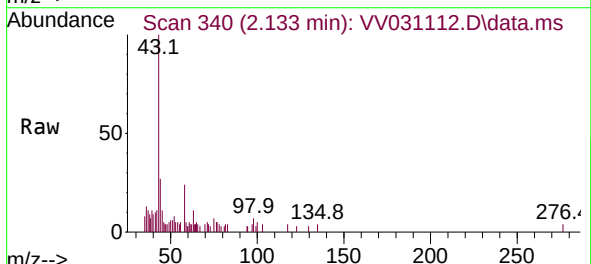
Instrument :
MSVOA_V
ClientSampleId :
GBX81

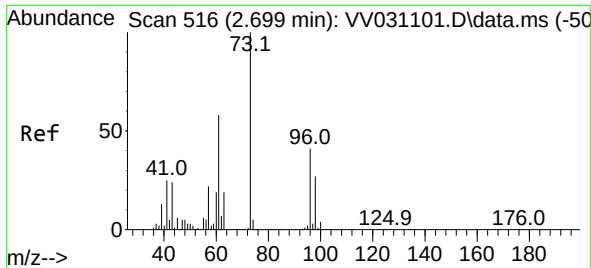
Tgt Ion: 96 Resp: 3544
Ion Ratio Lower Upper
96 100
61 755.6 137.9 256.1#
63 4935.1 114.2 212.0#



#13
Acetone
Concen: 4.058 ug/L
RT: 2.133 min Scan# 340
Delta R.T. 0.003 min
Lab File: VV031112.D
Acq: 19 May 2023 17:22

Tgt Ion: 43 Resp: 6278
Ion Ratio Lower Upper
43 100
58 12.7 0.0 54.0

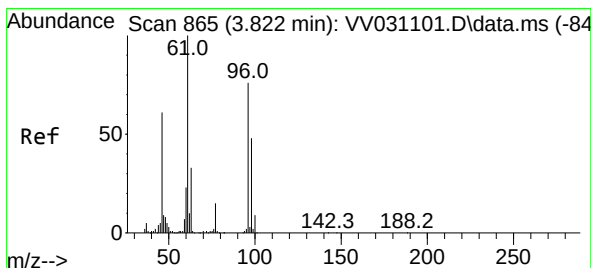
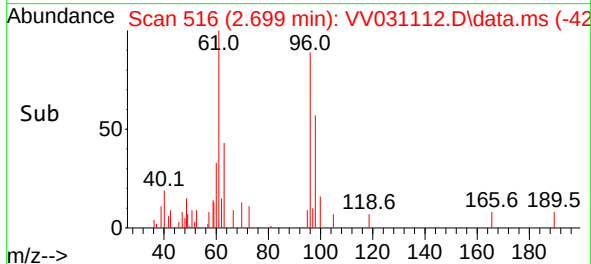
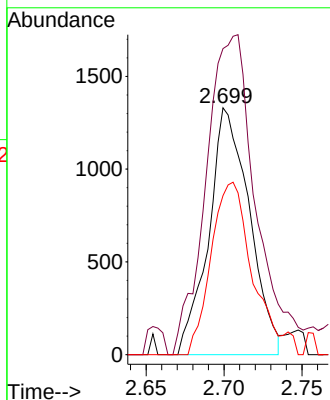
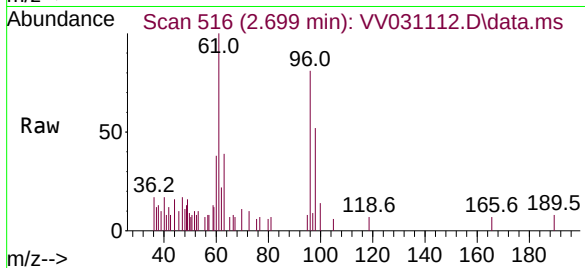




#17
trans-1,2-Dichloroethene
Concen: 1.803 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV031112.D
Acq: 19 May 2023 17:22

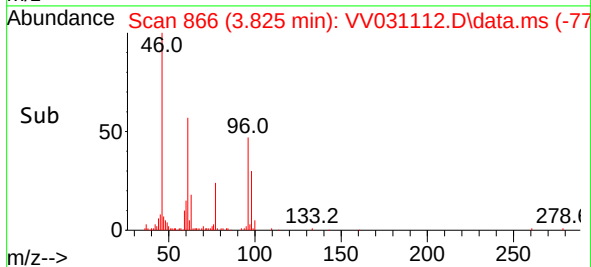
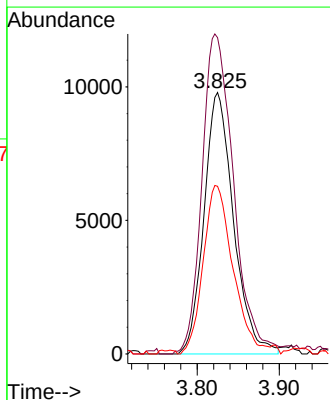
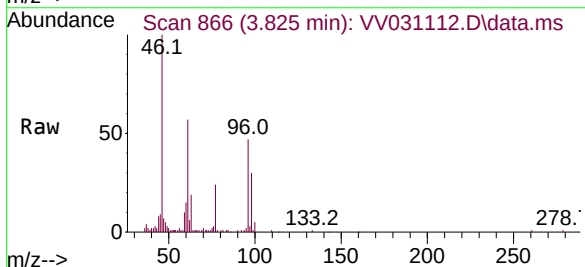
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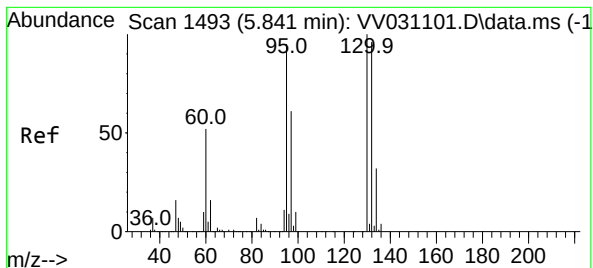
Tgt Ion: 96 Resp: 2420
Ion Ratio Lower Upper
96 100
61 124.0 100.0 185.6
98 64.4 45.4 84.2



#20
cis-1,2-Dichloroethene
Concen: 14.838 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.003 min
Lab File: VV031112.D
Acq: 19 May 2023 17:22

Tgt Ion: 96 Resp: 24549
Ion Ratio Lower Upper
96 100
61 121.0 89.2 165.6
98 64.2 43.0 80.0





#34

Trichloroethene

Concen: 886.888 ug/L

RT: 5.837 min Scan# 1492

Delta R.T. -0.003 min

Lab File: VV031112.D

Acq: 19 May 2023 17:22

Instrument :

MSVOA_V

ClientSampleId :

GBX81

Tgt Ion: 95 Resp: 1432125

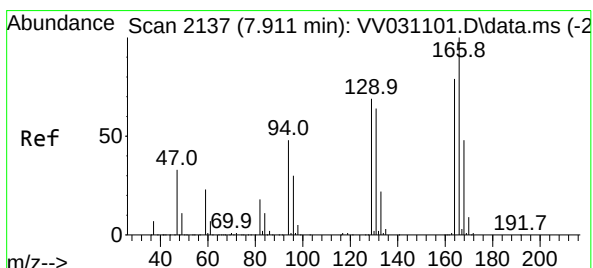
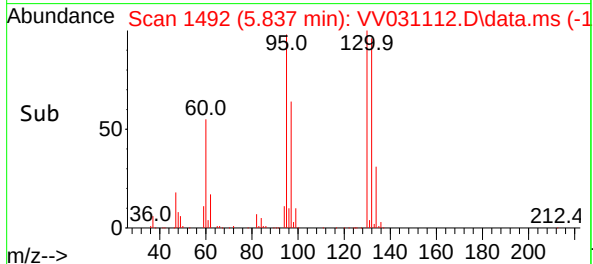
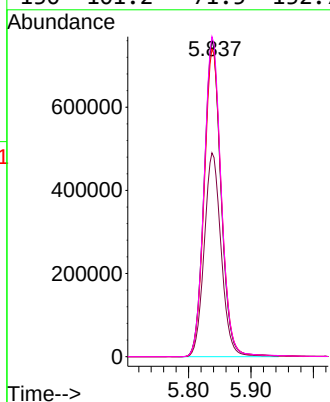
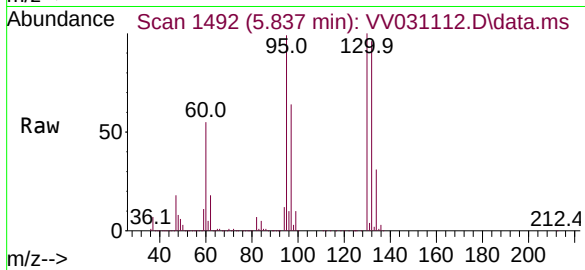
Ion Ratio Lower Upper

95 100

97 64.5 44.4 82.5

132 97.3 70.2 130.4

130 101.2 71.5 132.7



#46

Tetrachloroethene

Concen: 0.845 ug/L

RT: 7.918 min Scan# 2139

Delta R.T. 0.006 min

Lab File: VV031112.D

Acq: 19 May 2023 17:22

Tgt Ion:164 Resp: 1172

Ion Ratio Lower Upper

164 100

129 78.4 65.5 121.7

131 116.6 62.1 115.3#

166 144.0 93.4 173.4

