

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
 Data File : VV031116.D
 Acq On : 19 May 2023 19:00
 Operator : SY/MD
 Sample : 02866-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX85

Quant Time: May 20 00:36:50 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)

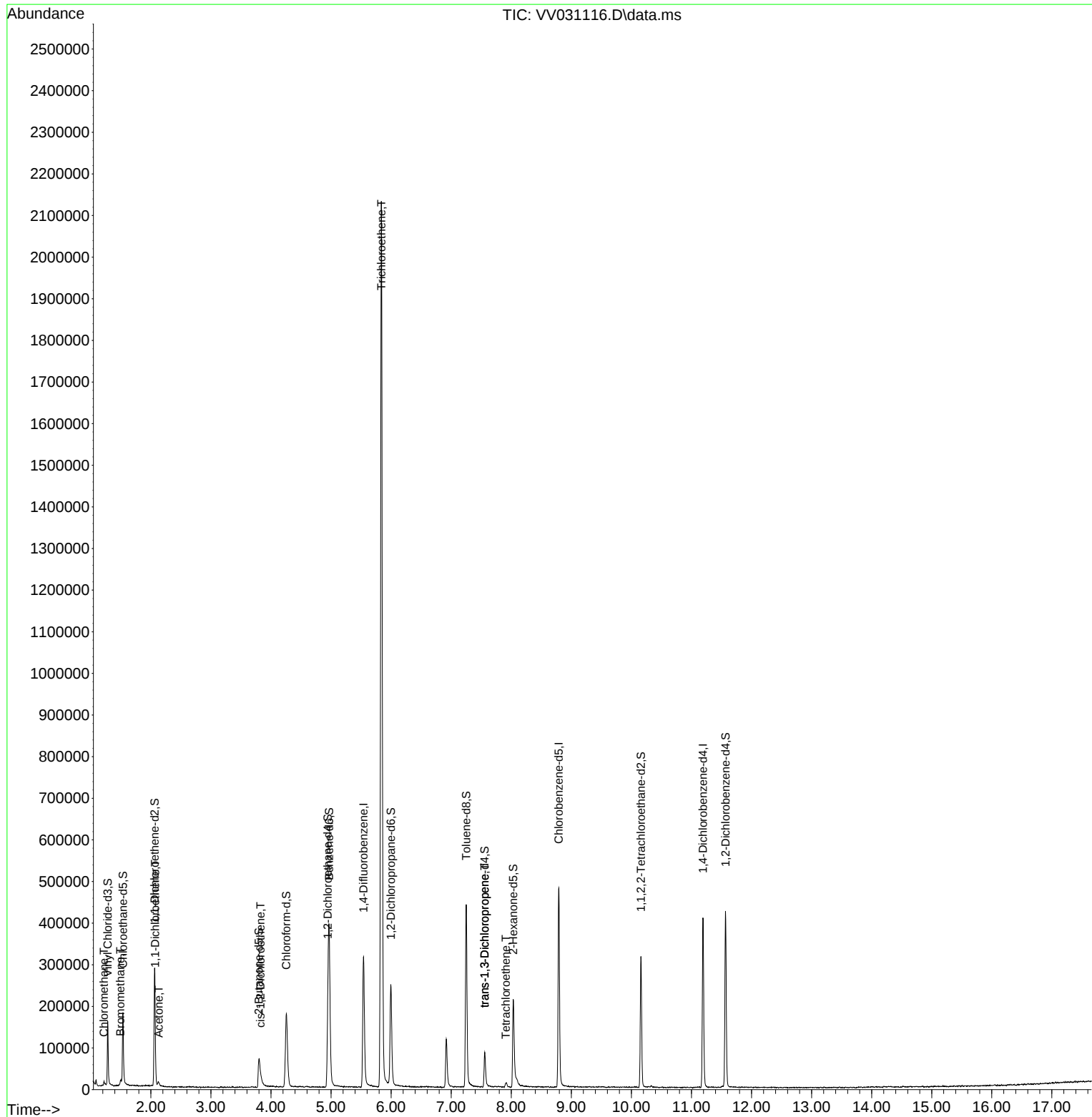
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	260361	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	252586	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	108805	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	100072	44.974	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.940%		
7) Chloroethane-d5	1.535	69	96701	56.414	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	112.820%		
11) 1,1-Dichloroethene-d2	2.063	65	47011	45.055	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.100%		
21) 2-Butanone-d5	3.799	46	116514	98.271	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.270%		
24) Chloroform-d	4.256	84	178462	45.336	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.680%		
26) 1,2-Dichloroethane-d4	4.947	65	128257	48.218	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.440%		
32) Benzene-d6	4.966	84	325949	47.602	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.200%		
36) 1,2-Dichloropropane-d6	5.995	67	101536	49.559	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.120%		
41) Toluene-d8	7.249	98	287314	44.957	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.920%		
43) trans-1,3-Dichloroprop...	7.558	79	48312	47.000	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.000%		
47) 2-Hexanone-d5	8.034	63	69768	87.339	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.340%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	135814	44.197	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.400%		
66) 1,2-Dichlorobenzene-d4	11.567	152	102814	52.584	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.160%		
Target Compounds						Qvalue
3) Chloromethane	1.220	50	8623	4.686	ug/L	98
6) Bromomethane	1.494	94	3637	3.948	ug/L	99
12) 1,1-Dichloroethene	2.072	96	2290	1.583	ug/L #	1
13) Acetone	2.130	43	11334	7.353	ug/L	98
20) cis-1,2-Dichloroethene	3.825	96	2477	1.503	ug/L	84
34) Trichloroethene	5.838	95	682504	420.932	ug/L	99
44) trans-1,3-Dichloropropene	7.558	75	2883	1.110	ug/L #	70
46) Tetrachloroethene	7.908	164	2405	1.727	ug/L	91

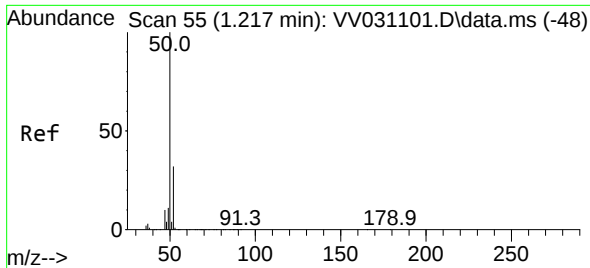
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 20 00:29:13 2023
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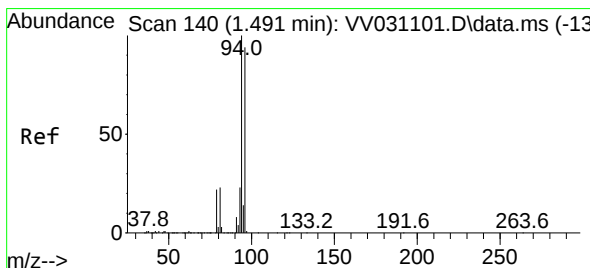
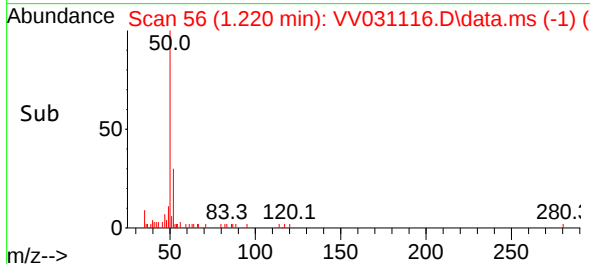
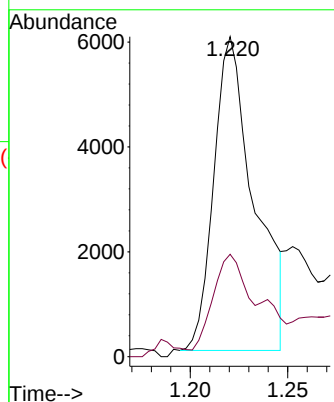
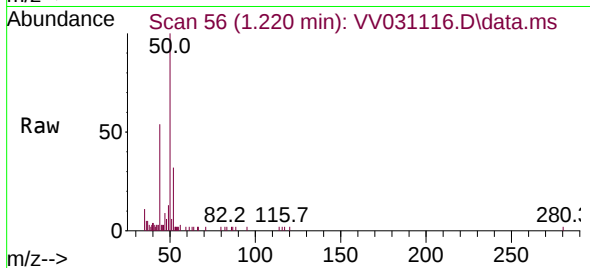




#3
Chloromethane
Concen: 4.686 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV031116.D
Acq: 19 May 2023 19:00

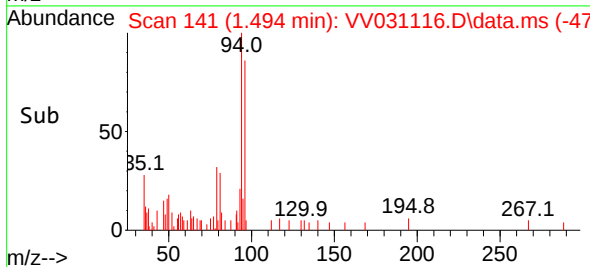
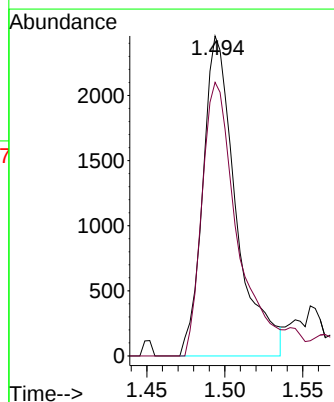
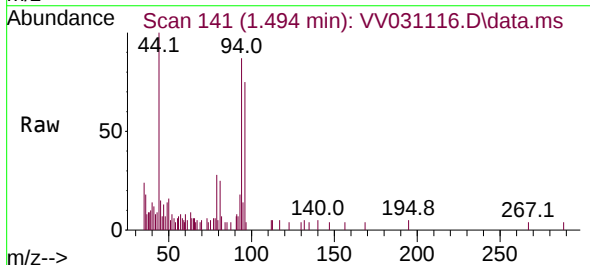
Instrument :
MSVOA_V
ClientSampleId :
GBX85

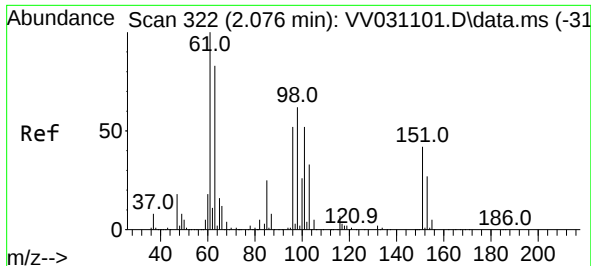
Tgt Ion: 50 Resp: 8623
Ion Ratio Lower Upper
50 100
52 32.0 23.3 43.3



#6
Bromomethane
Concen: 3.948 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV031116.D
Acq: 19 May 2023 19:00

Tgt Ion: 94 Resp: 3637
Ion Ratio Lower Upper
94 100
96 90.3 63.9 118.7

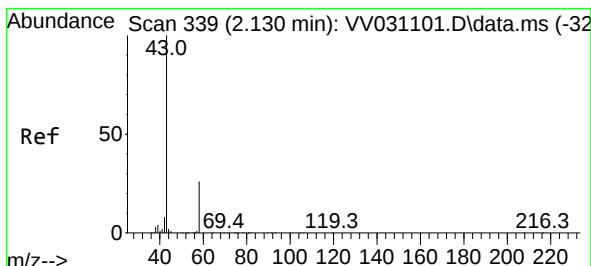
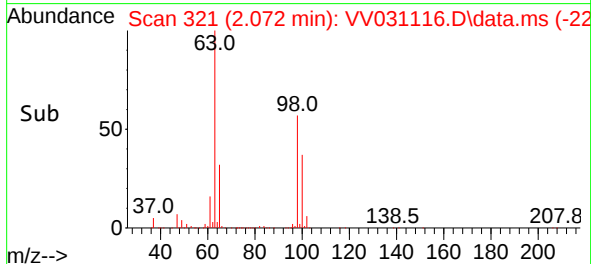
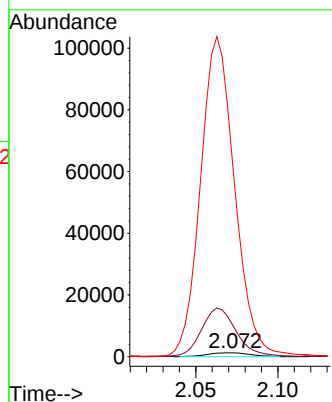
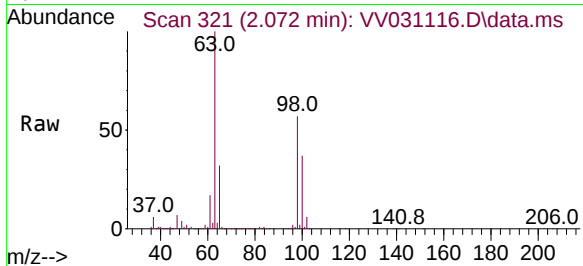




#12
1,1-Dichloroethene
Concen: 1.583 ug/L
RT: 2.072 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV031116.D
Acq: 19 May 2023 19:00

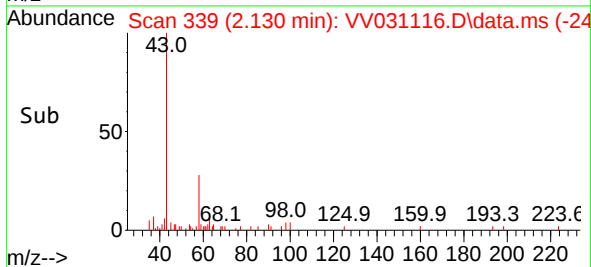
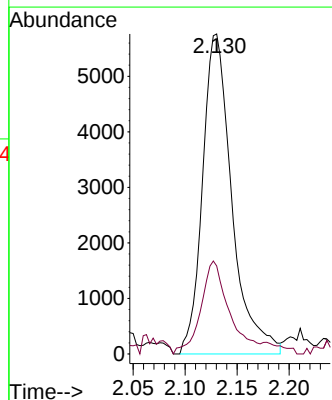
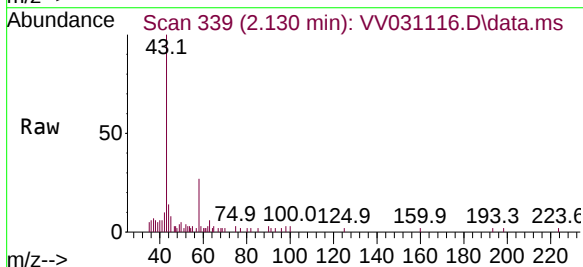
Instrument :
MSVOA_V
ClientSampleId :
GBX85

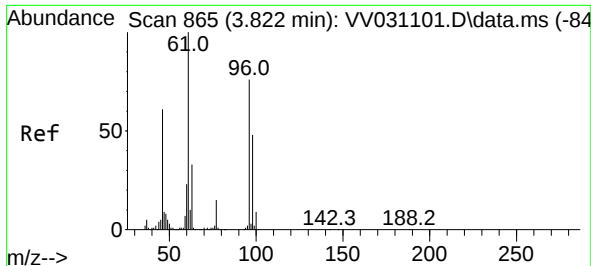
Tgt Ion: 96 Resp: 2290
Ion Ratio Lower Upper
96 100
61 836.1 137.9 256.1#
63 5065.8 114.2 212.0#



#13
Acetone
Concen: 7.353 ug/L
RT: 2.130 min Scan# 339
Delta R.T. -0.000 min
Lab File: VV031116.D
Acq: 19 May 2023 19:00

Tgt Ion: 43 Resp: 11334
Ion Ratio Lower Upper
43 100
58 28.0 0.0 54.0

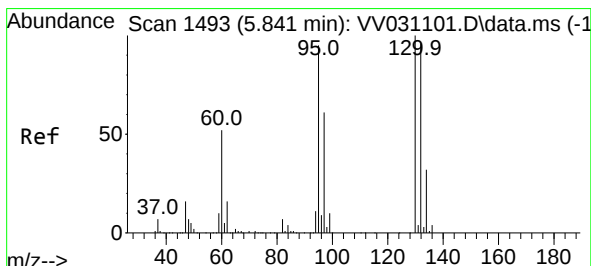
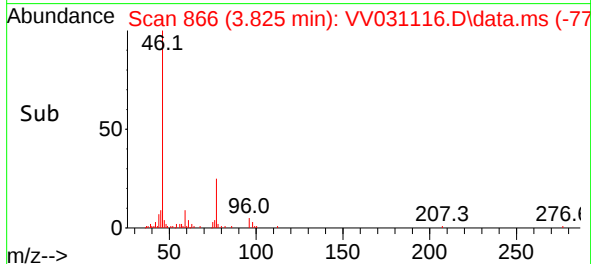
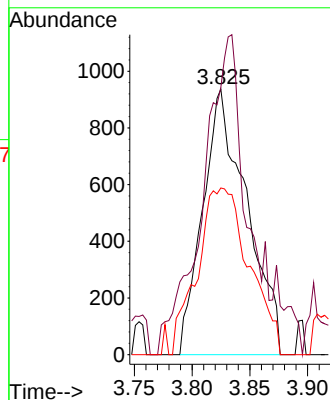
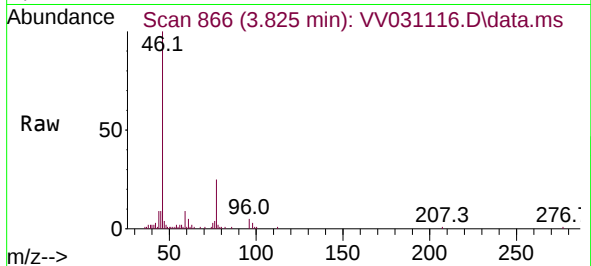




#20
cis-1,2-Dichloroethene
Concen: 1.503 ug/L
RT: 3.825 min Scan# 865
Delta R.T. 0.003 min
Lab File: VV031116.D
Acq: 19 May 2023 19:00

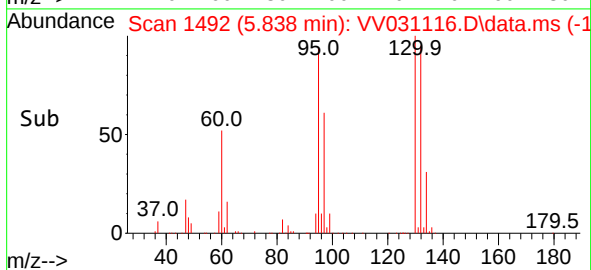
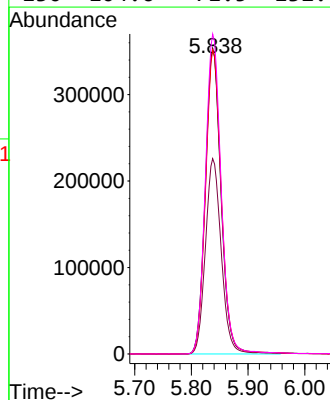
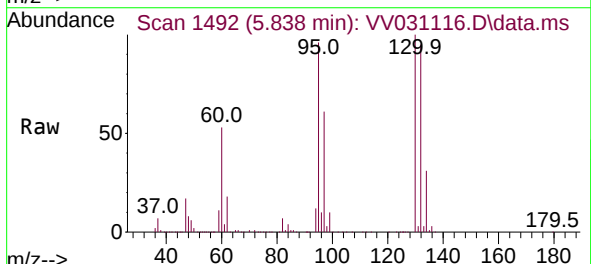
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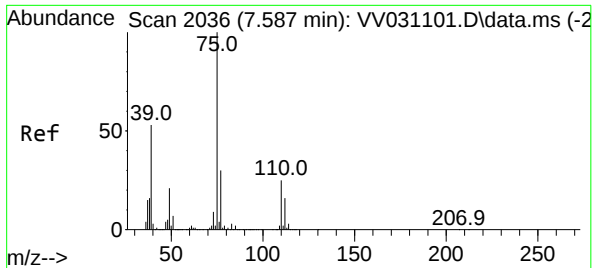
Tgt Ion: 96 Resp: 2477
Ion Ratio Lower Upper
96 100
61 100.6 89.2 165.6
98 62.8 43.0 80.0



#34
Trichloroethene
Concen: 420.932 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. -0.003 min
Lab File: VV031116.D
Acq: 19 May 2023 19:00

Tgt Ion: 95 Resp: 682504
Ion Ratio Lower Upper
95 100
97 63.9 44.4 82.5
132 99.5 70.2 130.4
130 104.6 71.5 132.7

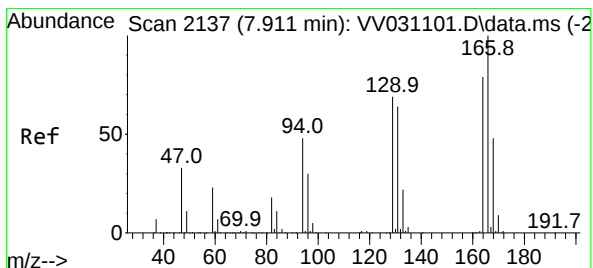
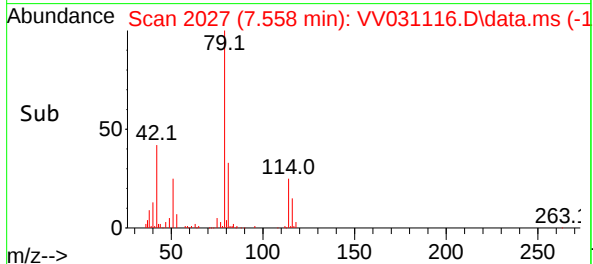
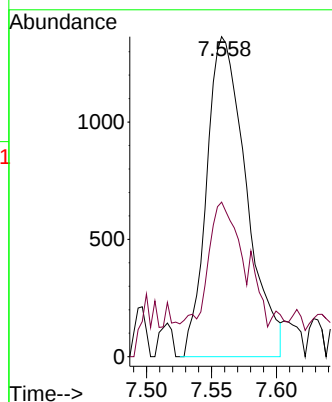
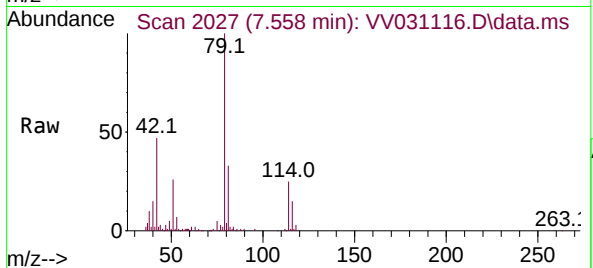




#44
trans-1,3-Dichloropropene
Concen: 1.110 ug/L
RT: 7.558 min Scan# 2036
Delta R.T. -0.029 min
Lab File: VV031116.D
Acq: 19 May 2023 19:00

Instrument :
MSVOA_V
ClientSampleId :
GBX85

Tgt Ion: 75 Resp: 2883
Ion Ratio Lower Upper
75 100
77 48.3 22.2 41.2#



#46
Tetrachloroethene
Concen: 1.727 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.003 min
Lab File: VV031116.D
Acq: 19 May 2023 19:00

Tgt Ion: 164 Resp: 2405
Ion Ratio Lower Upper
164 100
129 97.2 65.5 121.7
131 81.9 62.1 115.3
166 150.4 93.4 173.4

