

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
 Data File : VV031114.D
 Acq On : 19 May 2023 18:11
 Operator : SY/MD
 Sample : 02866-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX83

Quant Time: May 20 00:36:13 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)

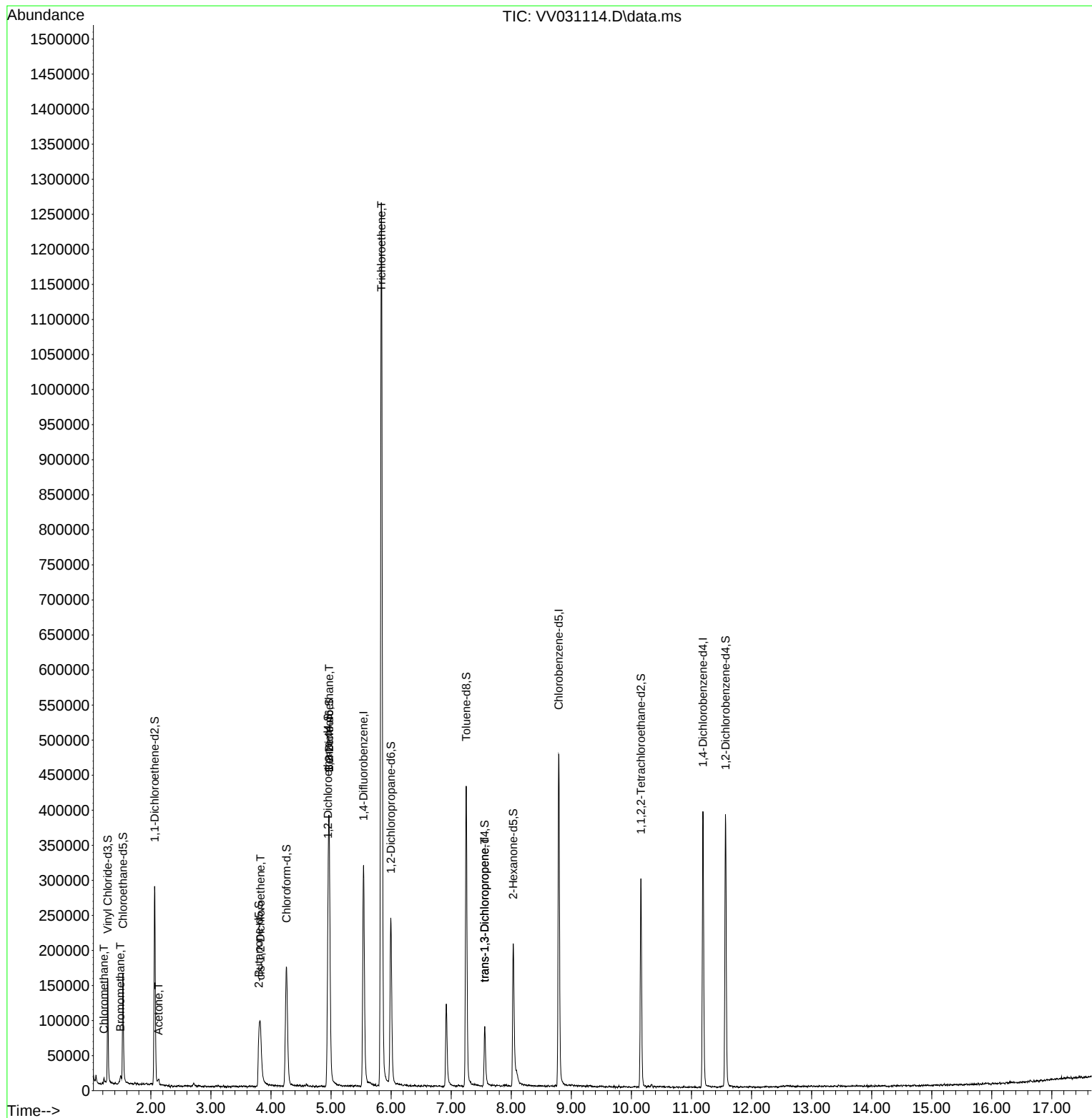
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	263835	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	250023	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	103296	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	96608	42.846	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.700%
7) Chloroethane-d5	1.536	69	89719	51.651	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.300%
11) 1,1-Dichloroethene-d2	2.063	65	45505	43.037	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.080%
21) 2-Butanone-d5	3.799	46	111235	92.583	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.580%
24) Chloroform-d	4.259	84	177437	44.483	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.960%
26) 1,2-Dichloroethane-d4	4.950	65	127864	47.437	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.880%
32) Benzene-d6	4.966	84	323740	47.764	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.520%
36) 1,2-Dichloropropane-d6	5.995	67	97575	48.114	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.220%
41) Toluene-d8	7.249	98	282260	44.619	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.240%
43) trans-1,3-Dichloroprop...	7.558	79	47505	46.689	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.380%
47) 2-Hexanone-d5	8.034	63	68965	87.218	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.220%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	125672	41.316	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.640%
66) 1,2-Dichlorobenzene-d4	11.567	152	99259	53.474	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.940%
Target Compounds						
					Qvalue	
3) Chloromethane	1.221	50	9455	5.070	ug/L	98
6) Bromomethane	1.494	94	3357	3.596	ug/L	91
13) Acetone	2.127	43	7912	5.065	ug/L	91
20) cis-1,2-Dichloroethene	3.825	96	32089	19.210	ug/L	98
27) 1,2-Dichloroethane	4.966	62	2804	0.958	ug/L	98
34) Trichloroethene	5.838	95	412514	257.025	ug/L	98
44) trans-1,3-Dichloropropene	7.558	75	2713	1.055	ug/L	88

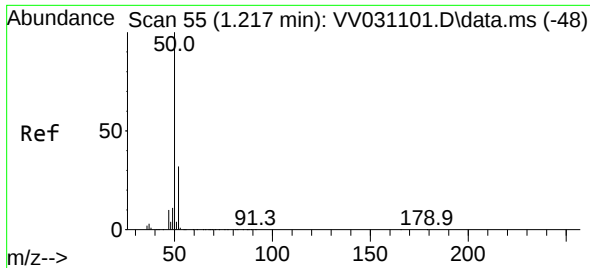
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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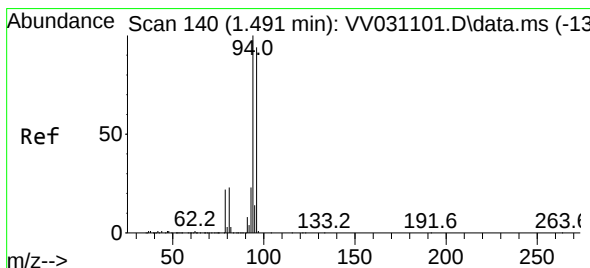
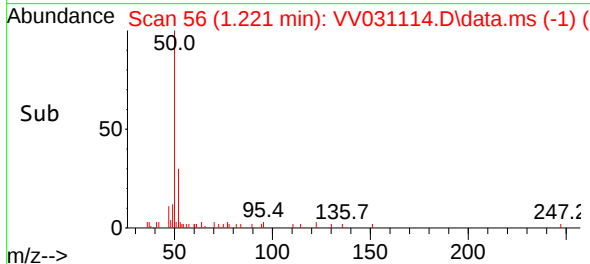
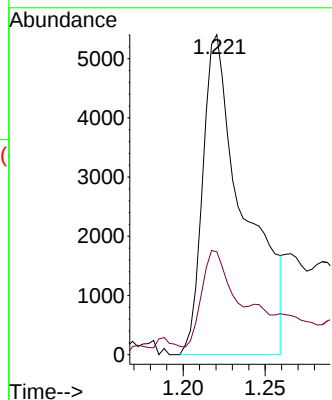
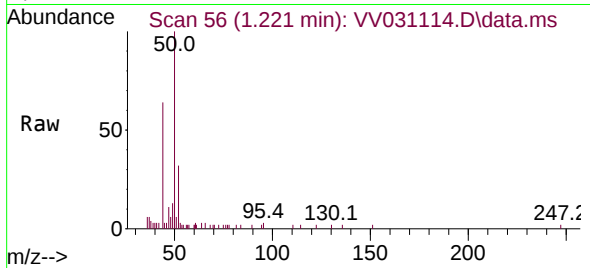




#3
Chloromethane
Concen: 5.070 ug/L
RT: 1.221 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV031114.D
Acq: 19 May 2023 18:11

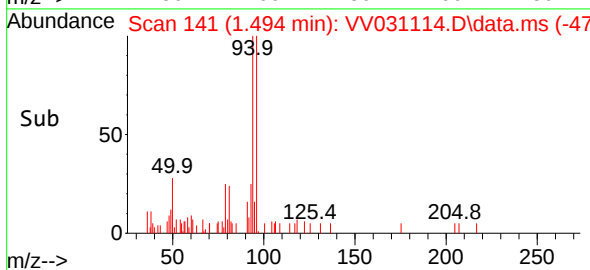
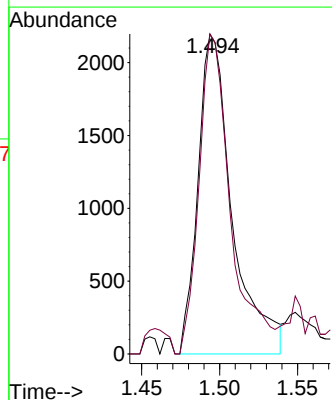
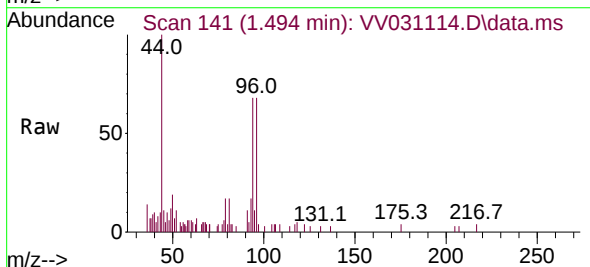
Instrument :
MSVOA_V
ClientSampleId :
GBX83

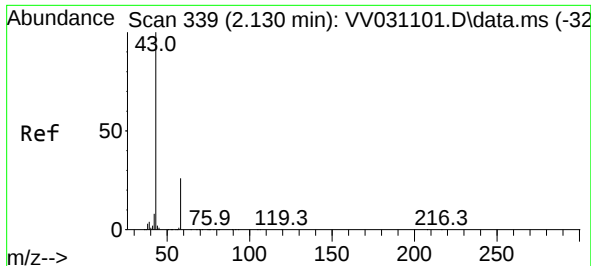
Tgt Ion: 50 Resp: 9455
Ion Ratio Lower Upper
50 100
52 32.2 23.3 43.3



#6
Bromomethane
Concen: 3.596 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV031114.D
Acq: 19 May 2023 18:11

Tgt Ion: 94 Resp: 3357
Ion Ratio Lower Upper
94 100
96 100.1 63.9 118.7





#13

Acetone

Concen: 5.065 ug/L

RT: 2.127 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV031114.D

Acq: 19 May 2023 18:11

Instrument :

MSVOA_V

ClientSampleId :

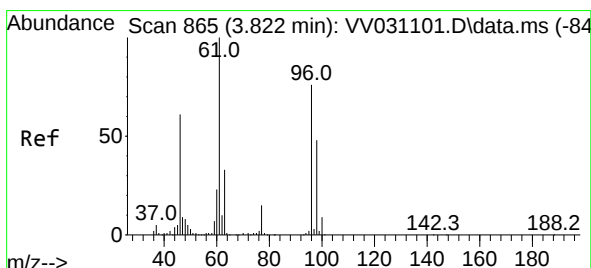
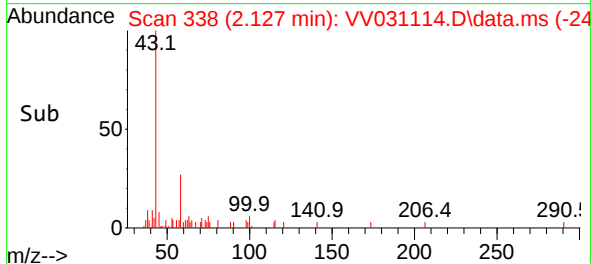
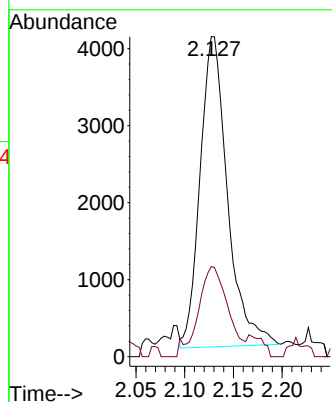
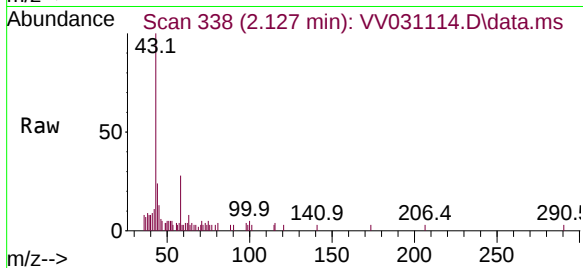
GBX83

Tgt Ion: 43 Resp: 7912

Ion Ratio Lower Upper

43 100

58 22.5 0.0 54.0



#20

cis-1,2-Dichloroethene

Concen: 19.210 ug/L

RT: 3.825 min Scan# 866

Delta R.T. 0.003 min

Lab File: VV031114.D

Acq: 19 May 2023 18:11

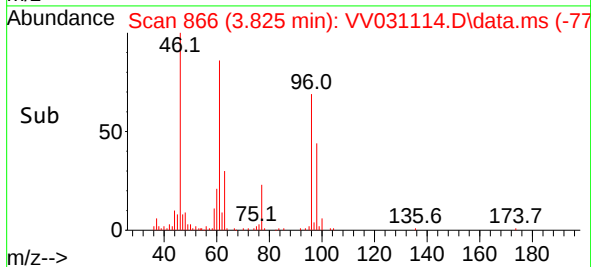
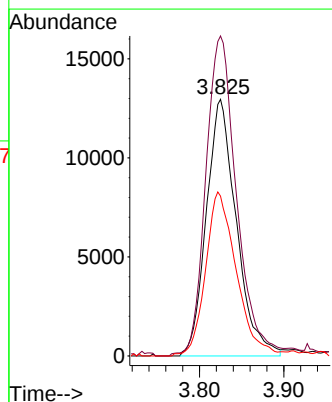
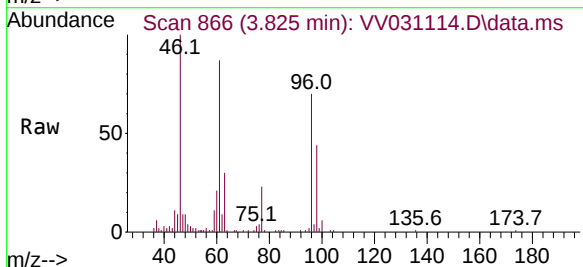
Tgt Ion: 96 Resp: 32089

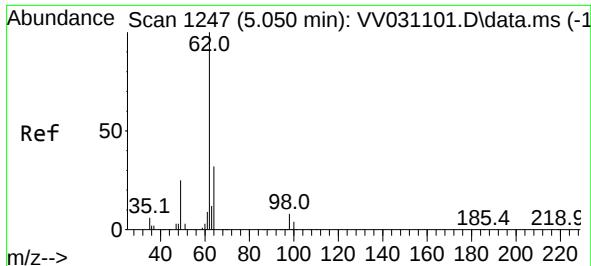
Ion Ratio Lower Upper

96 100

61 124.7 89.2 165.6

98 62.3 43.0 80.0





#27

1,2-Dichloroethane

Concen: 0.958 ug/L

RT: 4.966 min Scan# 11

Delta R.T. -0.084 min

Lab File: VV031114.D

Acq: 19 May 2023 18:11

Instrument :

MSVOA_V

ClientSampleId :

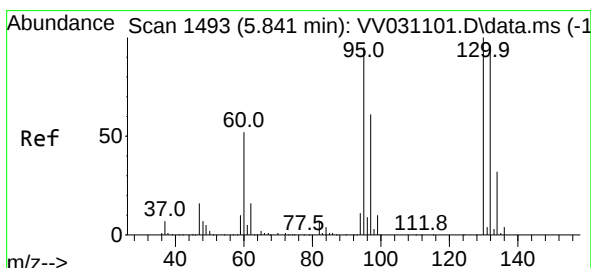
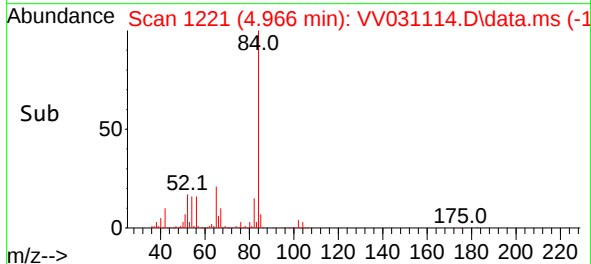
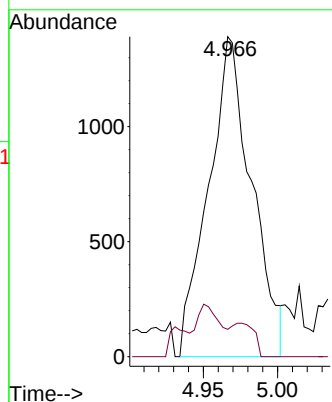
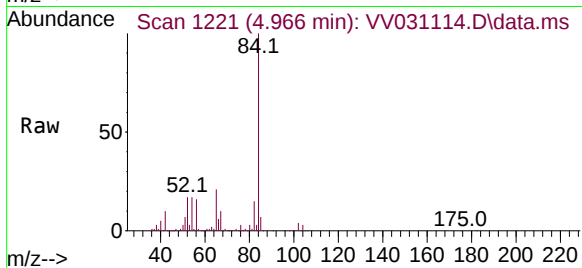
GBX83

Tgt Ion: 62 Resp: 2804

Ion Ratio Lower Upper

62 100

98 8.6 6.3 9.5



#34

Trichloroethene

Concen: 257.025 ug/L

RT: 5.838 min Scan# 1492

Delta R.T. -0.003 min

Lab File: VV031114.D

Acq: 19 May 2023 18:11

Tgt Ion: 95 Resp: 412514

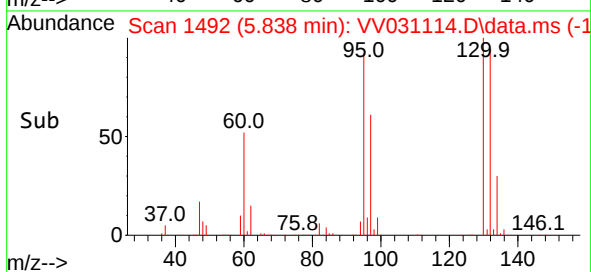
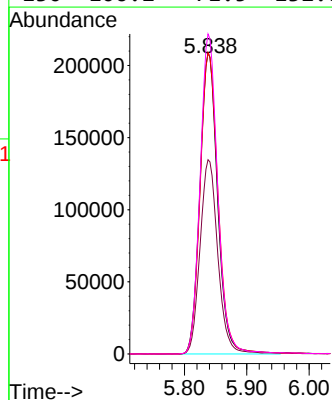
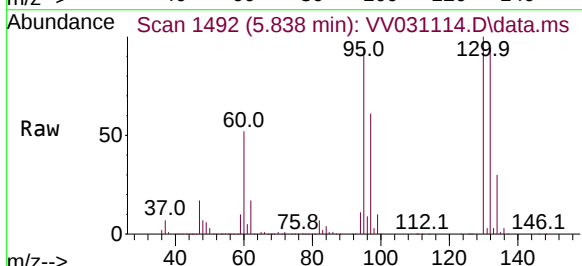
Ion Ratio Lower Upper

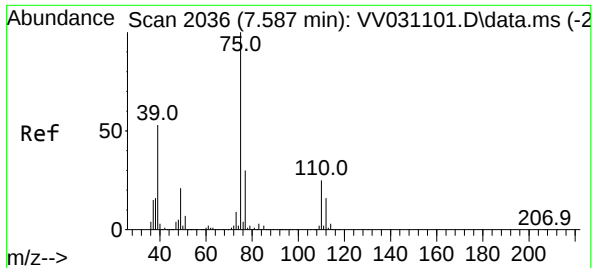
95 100

97 64.5 44.4 82.5

132 100.0 70.2 130.4

130 106.2 71.5 132.7





#44
 trans-1,3-Dichloropropene
 Concen: 1.055 ug/L
 RT: 7.558 min Scan# 2036
 Delta R.T. -0.029 min
 Lab File: VV031114.D
 Acq: 19 May 2023 18:11

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX83

Tgt Ion: 75 Resp: 2713
 Ion Ratio Lower Upper
 75 100
 77 38.5 22.2 41.2

