

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
 Data File : VV031130.D
 Acq On : 20 May 2023 01:28
 Operator : SY/MD
 Sample : 02865-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX59

Quant Time: May 20 06:24:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 20 01:55:03 2023
 Response via : Initial Calibration

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

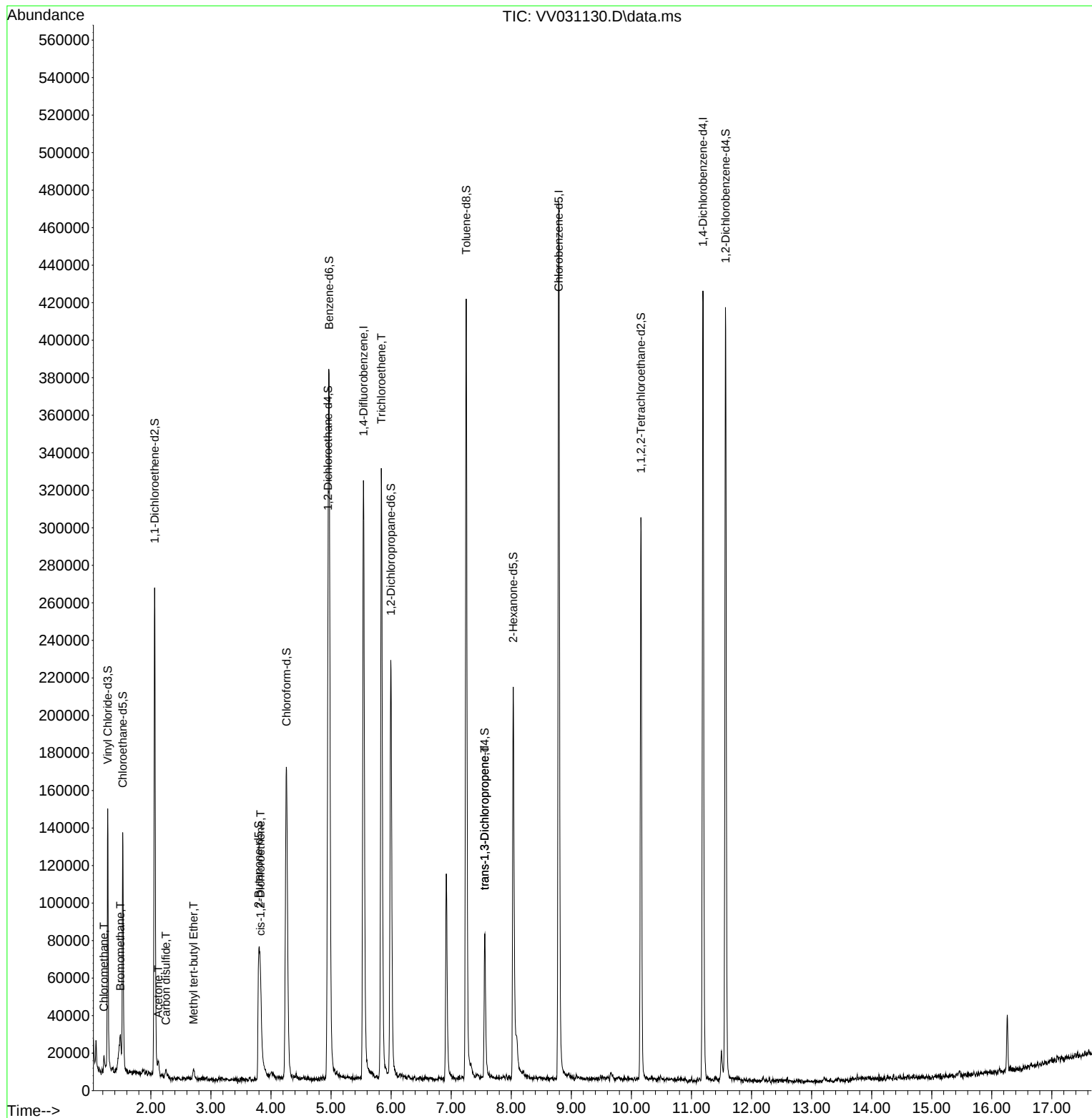
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	264635	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	253150	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	112742	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	90086	39.832	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.660%
7) Chloroethane-d5	1.532	69	77242	44.334	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.660%
11) 1,1-Dichloroethene-d2	2.063	65	43756	41.258	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.520%
21) 2-Butanone-d5	3.796	46	105207	87.301	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.300%
24) Chloroform-d	4.259	84	171660	42.904	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	4.950	65	122761	45.406	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.820%
32) Benzene-d6	4.966	84	309205	45.056	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.120%
36) 1,2-Dichloropropane-d6	5.995	67	92975	45.279	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.560%
41) Toluene-d8	7.249	98	269186	42.027	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.060%
43) trans-1,3-Dichloroprop...	7.558	79	42995	41.735	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.460%
47) 2-Hexanone-d5	8.034	63	67163	83.890	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.890%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	128721	41.795	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.600%
66) 1,2-Dichlorobenzene-d4	11.567	152	103628	51.150	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.300%
Target Compounds						Qvalue
3) Chloromethane	1.220	50	7696	4.115	ug/L	97
6) Bromomethane	1.491	94	2939	3.139	ug/L	92
13) Acetone	2.124	43	6493	4.144	ug/L	90
14) Carbon disulfide	2.249	76	4346	1.622	ug/L #	87
18) Methyl tert-butyl Ether	2.712	73	4828	0.920	ug/L #	91
20) cis-1,2-Dichloroethene	3.828	96	16949	10.116	ug/L	99
34) Trichloroethene	5.838	95	103063	63.422	ug/L	96
44) trans-1,3-Dichloropropene	7.558	75	2842	1.091	ug/L	99

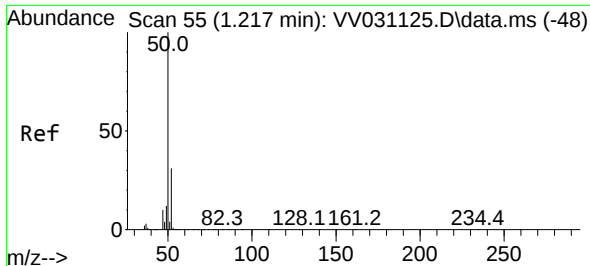
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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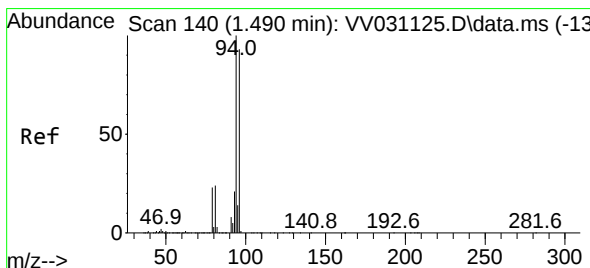
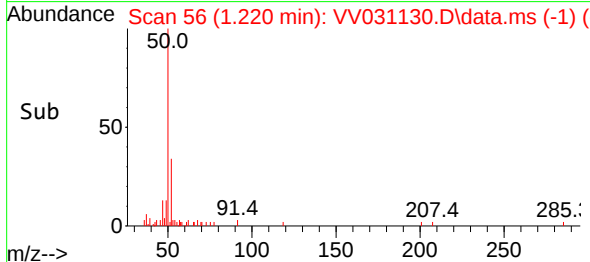
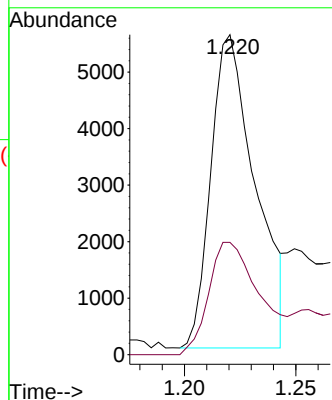
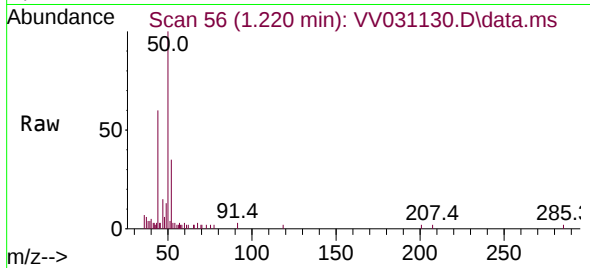




#3
Chloromethane
Concen: 4.115 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV031130.D
Acq: 20 May 2023 01:28

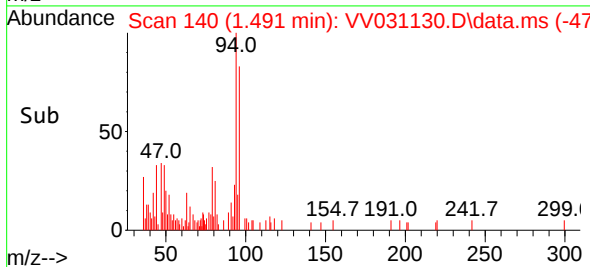
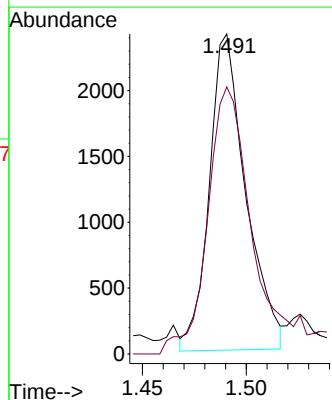
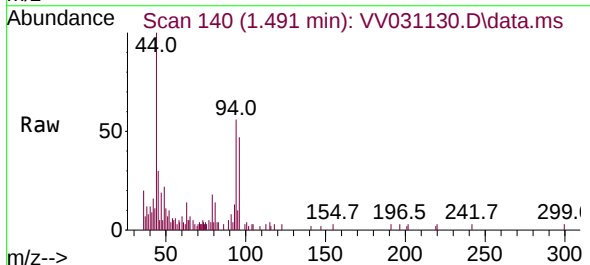
Instrument :
MSVOA_V
ClientSampleId :
GBX59

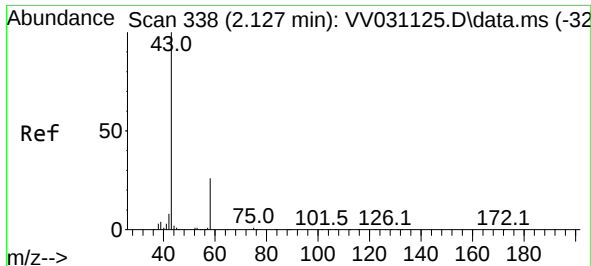
Tgt Ion: 50 Resp: 7696
Ion Ratio Lower Upper
50 100
52 35.1 23.3 43.3



#6
Bromomethane
Concen: 3.139 ug/L
RT: 1.491 min Scan# 140
Delta R.T. 0.000 min
Lab File: VV031130.D
Acq: 20 May 2023 01:28

Tgt Ion: 94 Resp: 2939
Ion Ratio Lower Upper
94 100
96 83.5 63.9 118.7





#13

Acetone

Concen: 4.144 ug/L

RT: 2.124 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV031130.D

Acq: 20 May 2023 01:28

Instrument :

MSVOA_V

ClientSampleId :

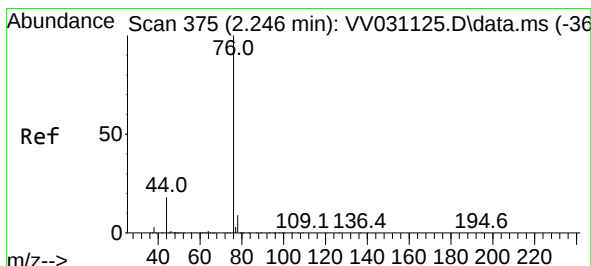
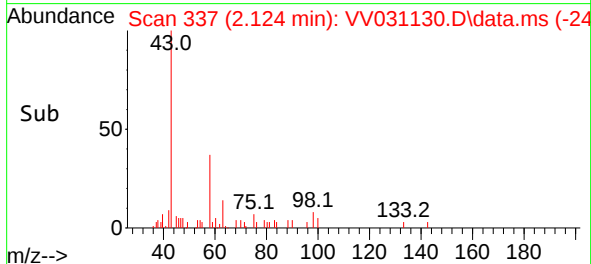
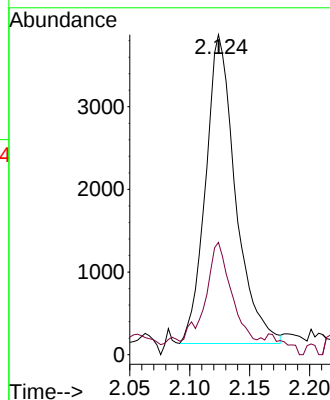
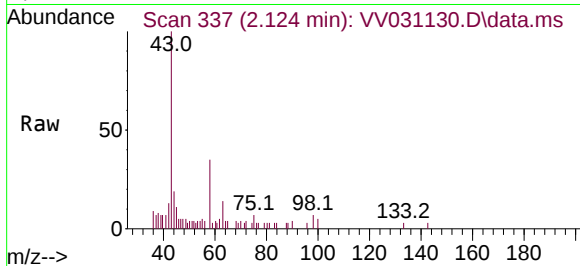
GBX59

Tgt Ion: 43 Resp: 6493

Ion Ratio Lower Upper

43 100

58 32.3 0.0 54.0



#14

Carbon disulfide

Concen: 1.622 ug/L

RT: 2.249 min Scan# 376

Delta R.T. 0.003 min

Lab File: VV031130.D

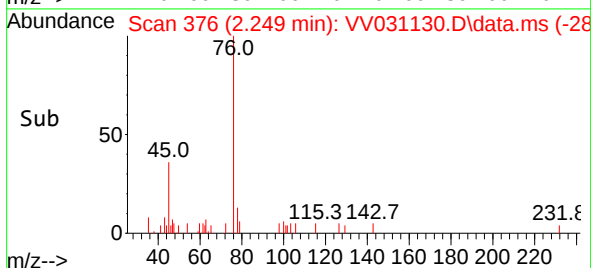
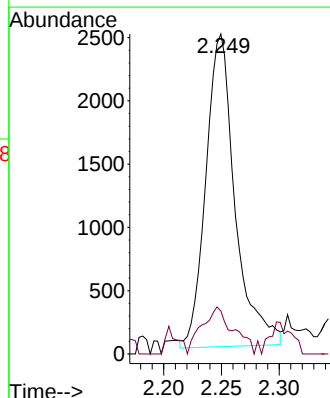
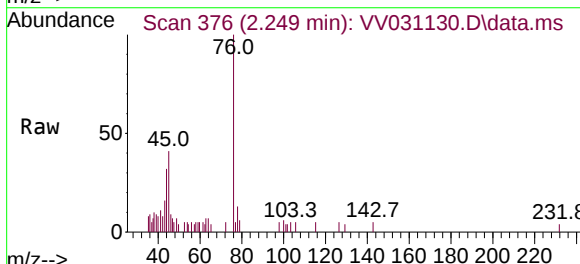
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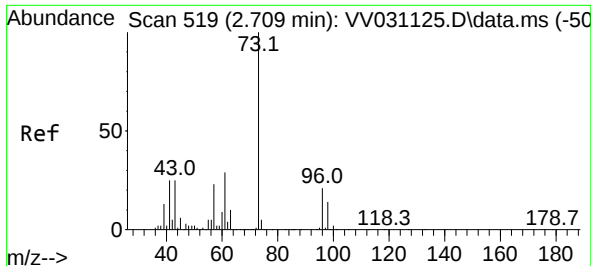
Tgt Ion: 76 Resp: 4346

Ion Ratio Lower Upper

76 100

78 13.4 7.0 10.4#

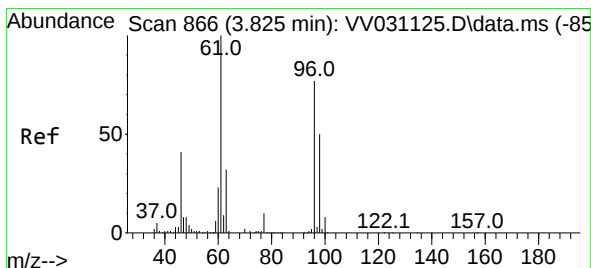
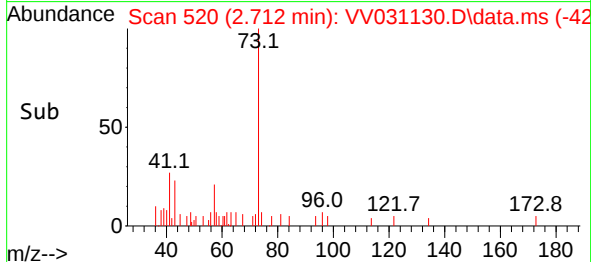
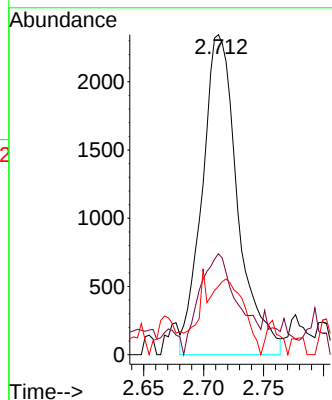
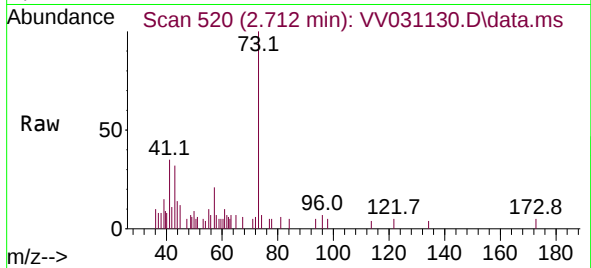




#18
Methyl tert-butyl Ether
Concen: 0.920 ug/L
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV031130.D
Acq: 20 May 2023 01:28

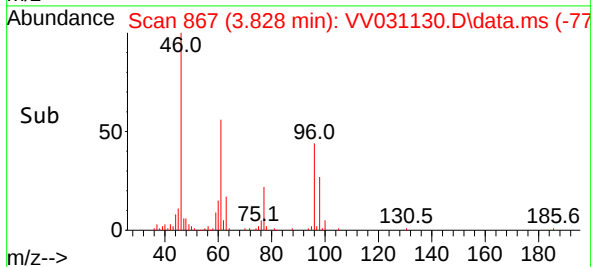
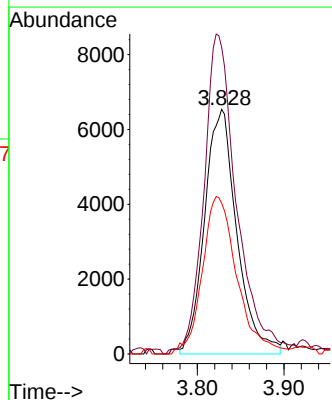
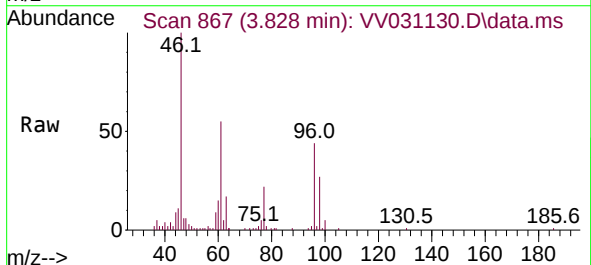
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GBX59

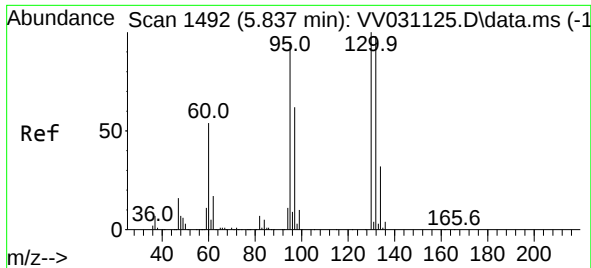
Tgt Ion: 73 Resp: 4828
Ion Ratio Lower Upper
73 100
43 31.8 19.4 29.2#
57 20.8 17.1 25.7



#20
cis-1,2-Dichloroethene
Concen: 10.116 ug/L
RT: 3.828 min Scan# 867
Delta R.T. 0.003 min
Lab File: VV031130.D
Acq: 20 May 2023 01:28

Tgt Ion: 96 Resp: 16949
Ion Ratio Lower Upper
96 100
61 125.4 89.2 165.6
98 61.6 43.0 80.0



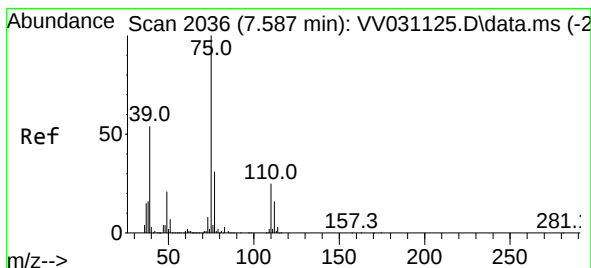
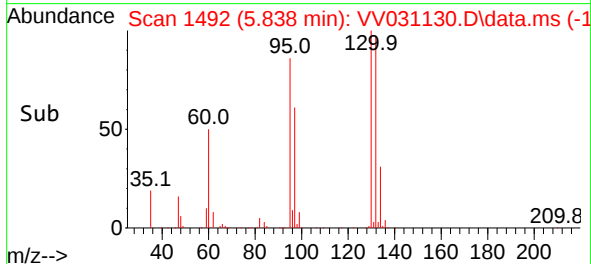
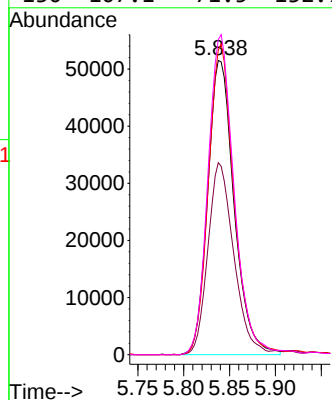
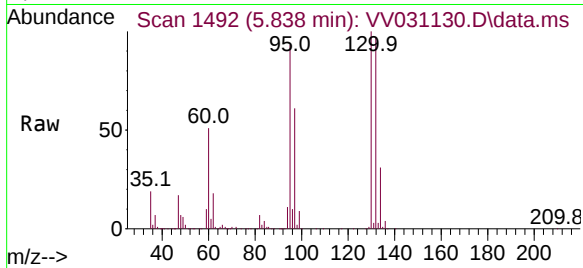


#34
 Trichloroethene
 Concen: 63.422 ug/L
 RT: 5.838 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VV031130.D
 Acq: 20 May 2023 01:28

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX59

Tgt Ion: 95 Resp: 103063

Ion	Ratio	Lower	Upper
95	100		
97	65.2	44.4	82.5
132	103.5	70.2	130.4
130	107.1	71.5	132.7



#44
 trans-1,3-Dichloropropene
 Concen: 1.091 ug/L
 RT: 7.558 min Scan# 2027
 Delta R.T. -0.029 min
 Lab File: VV031130.D
 Acq: 20 May 2023 01:28

Tgt Ion: 75 Resp: 2842

Ion	Ratio	Lower	Upper
75	100		
77	32.5	22.2	41.2

