

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
 Data File : VV031120.D
 Acq On : 19 May 2023 20:38
 Operator : SY/MD
 Sample : 02866-14
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX89

Quant Time: May 20 00:38:00 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)

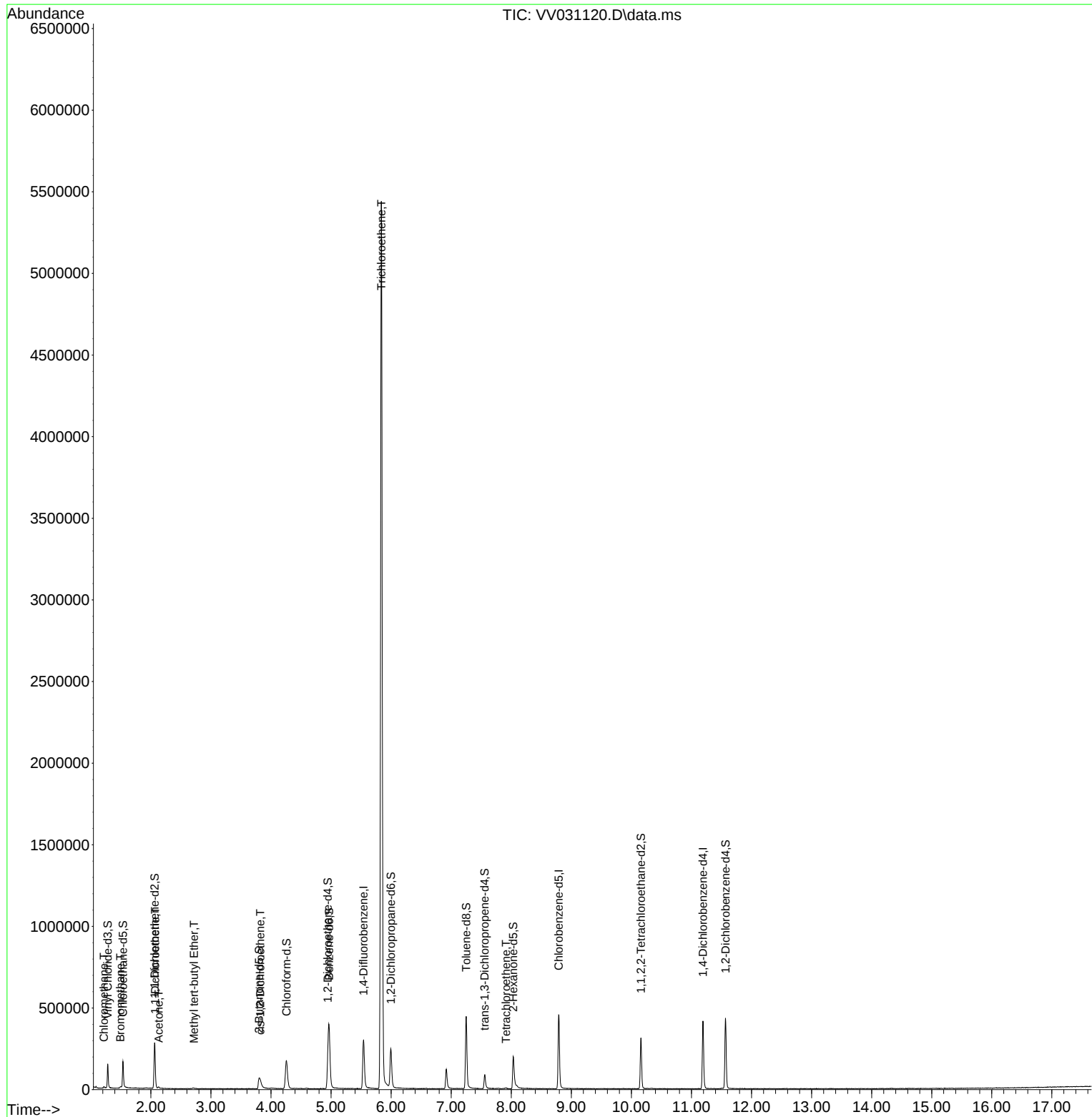
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	251294	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	240129	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	111603	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	98578	45.901	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.800%
7) Chloroethane-d5	1.536	69	92128	55.685	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.360%
11) 1,1-Dichloroethene-d2	2.063	65	47251	46.918	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.840%
21) 2-Butanone-d5	3.802	46	110099	96.211	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.210%
24) Chloroform-d	4.259	84	177023	46.594	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.180%
26) 1,2-Dichloroethane-d4	4.947	65	128572	50.080	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.160%
32) Benzene-d6	4.966	84	327790	50.354	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.700%
36) 1,2-Dichloropropane-d6	5.995	67	100678	51.689	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.380%
41) Toluene-d8	7.249	98	286086	47.087	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.180%
43) trans-1,3-Dichloroprop...	7.558	79	47144	48.243	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.480%
47) 2-Hexanone-d5	8.034	63	66495	87.560	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.560%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	133282	45.623	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.240%
66) 1,2-Dichlorobenzene-d4	11.567	152	108583	54.143	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.280%
Target Compounds						
					Qvalue	
3) Chloromethane	1.221	50	8423	4.742	ug/L	97
6) Bromomethane	1.494	94	2843	3.198	ug/L	91
12) 1,1-Dichloroethene	2.073	96	3704	2.653	ug/L #	1
13) Acetone	2.130	43	8777	5.900	ug/L	99
18) Methyl tert-butyl Ether	2.719	73	4163	0.835	ug/L #	77
20) cis-1,2-Dichloroethene	3.822	96	10143	6.375	ug/L	92
34) Trichloroethene	5.838	95	1727315	1120.580	ug/L	99
46) Tetrachloroethene	7.912	164	919	0.694	ug/L	84

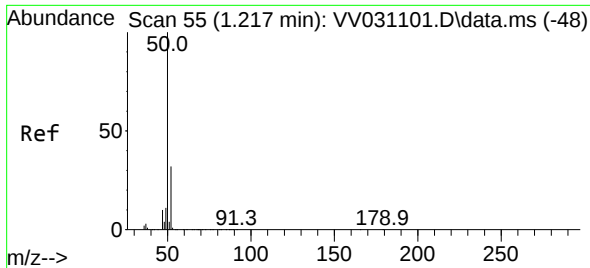
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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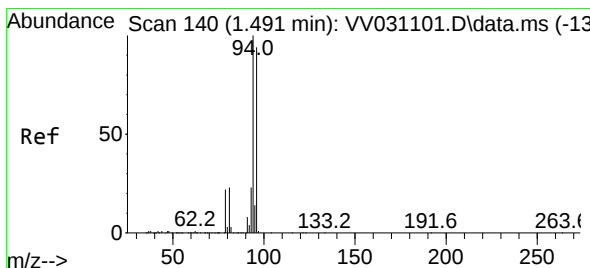
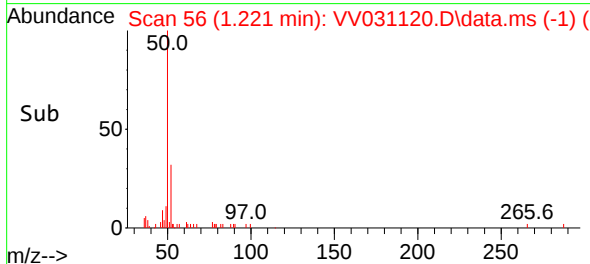
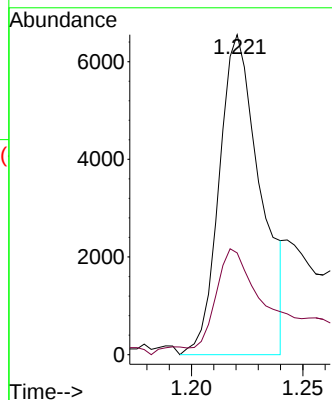
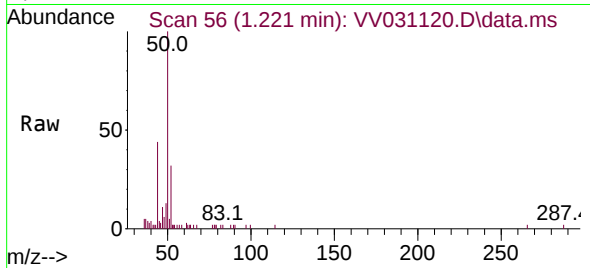




#3
Chloromethane
Concen: 4.742 ug/L
RT: 1.221 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV031120.D
Acq: 19 May 2023 20:38

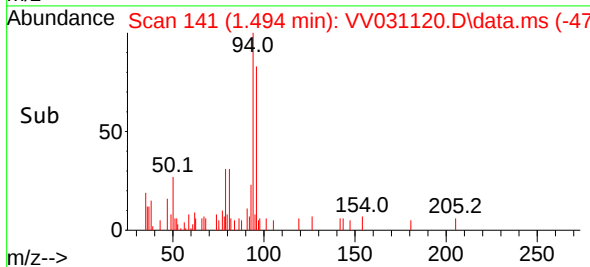
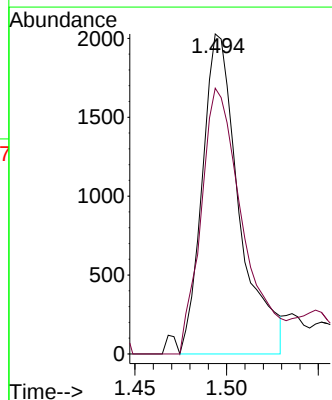
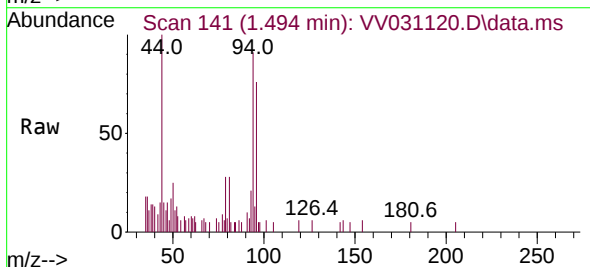
Instrument :
MSVOA_V
ClientSampleId :
GBX89

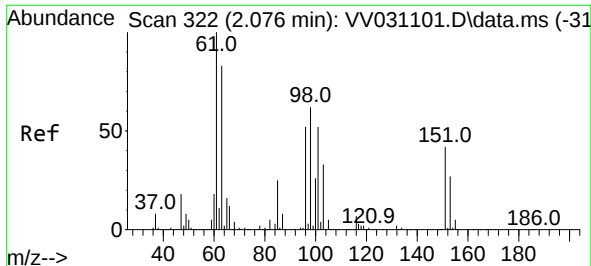
Tgt Ion: 50 Resp: 8423
Ion Ratio Lower Upper
50 100
52 31.8 23.3 43.3



#6
Bromomethane
Concen: 3.198 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV031120.D
Acq: 19 May 2023 20:38

Tgt Ion: 94 Resp: 2843
Ion Ratio Lower Upper
94 100
96 83.0 63.9 118.7





#12

1,1-Dichloroethene

Concen: 2.653 ug/L

RT: 2.073 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV031120.D

Acq: 19 May 2023 20:38

Instrument :

MSVOA_V

ClientSampleId :

GBX89

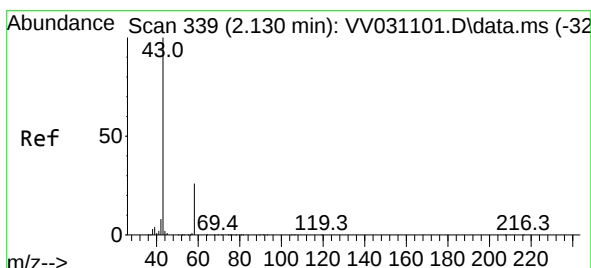
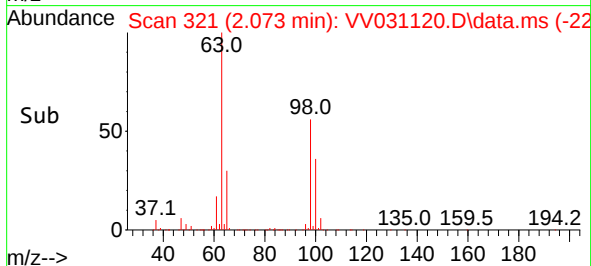
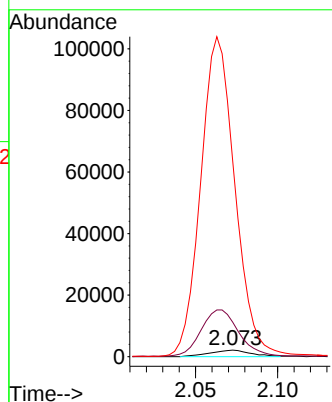
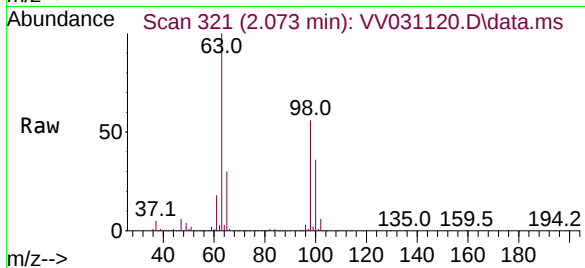
Tgt Ion: 96 Resp: 3704

Ion Ratio Lower Upper

96 100

61 527.1 137.9 256.1#

63 2995.0 114.2 212.0#



#13

Acetone

Concen: 5.900 ug/L

RT: 2.130 min Scan# 339

Delta R.T. 0.000 min

Lab File: VV031120.D

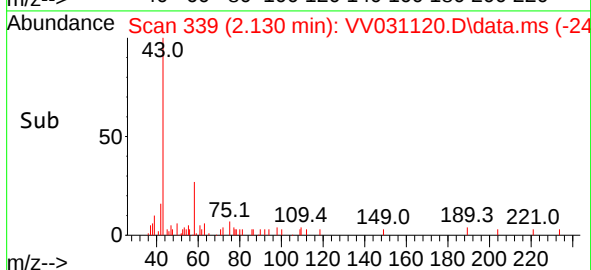
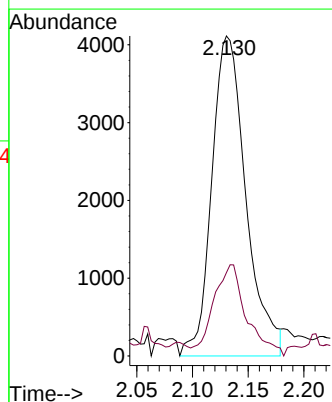
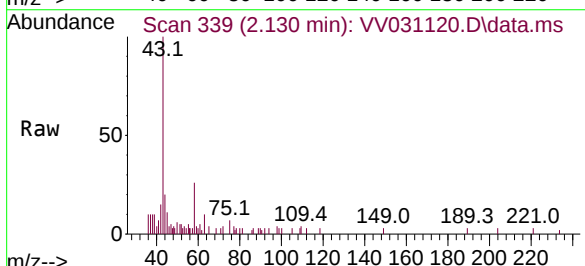
Acq: 19 May 2023 20:38

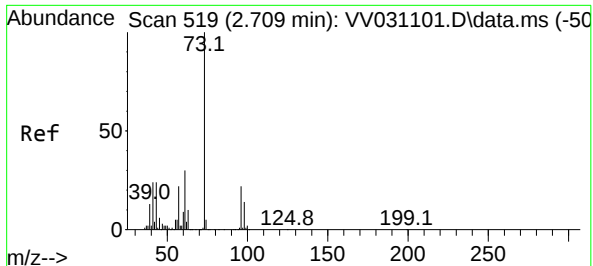
Tgt Ion: 43 Resp: 8777

Ion Ratio Lower Upper

43 100

58 27.6 0.0 54.0





#18

Methyl tert-butyl Ether

Concen: 0.835 ug/L

RT: 2.719 min Scan# 519

Delta R.T. 0.010 min

Lab File: VV031120.D

Acq: 19 May 2023 20:38

Instrument :

MSVOA_V

ClientSampleId :

GBX89

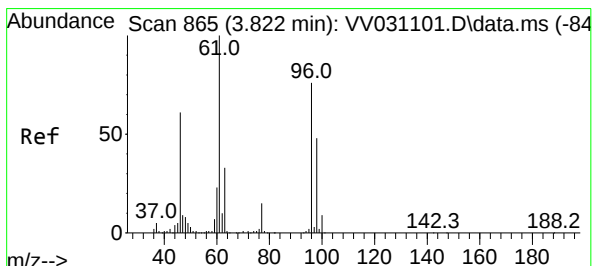
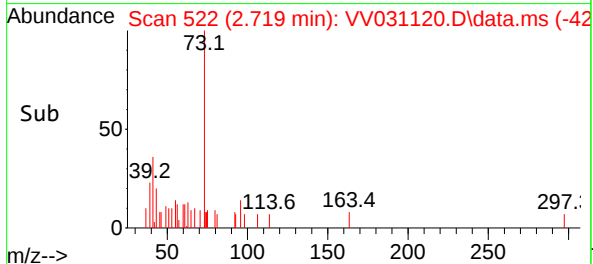
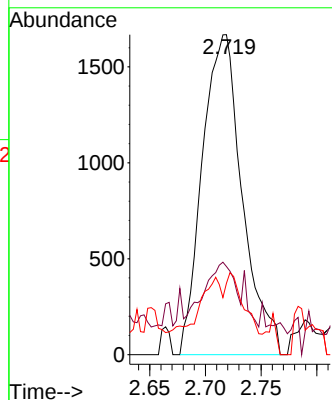
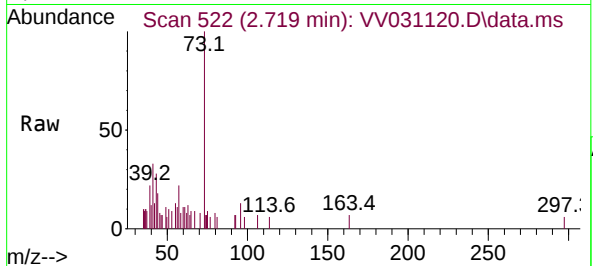
Tgt Ion: 73 Resp: 4163

Ion Ratio Lower Upper

73 100

43 14.6 19.4 29.2#

57 8.9 17.1 25.7#



#20

cis-1,2-Dichloroethene

Concen: 6.375 ug/L

RT: 3.822 min Scan# 865

Delta R.T. 0.000 min

Lab File: VV031120.D

Acq: 19 May 2023 20:38

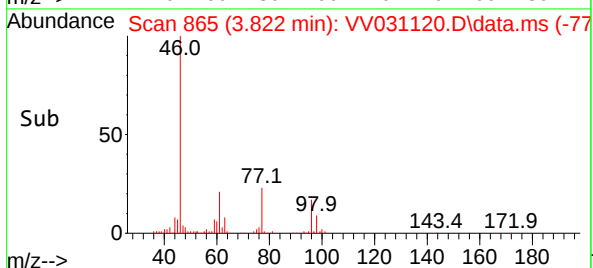
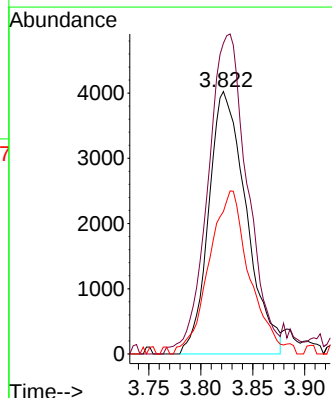
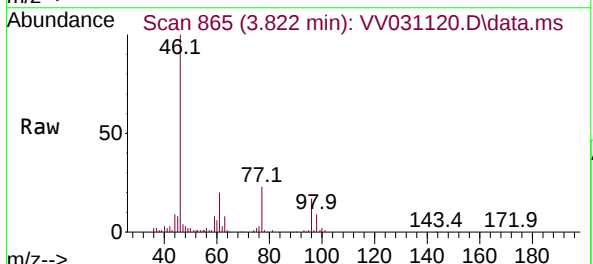
Tgt Ion: 96 Resp: 10143

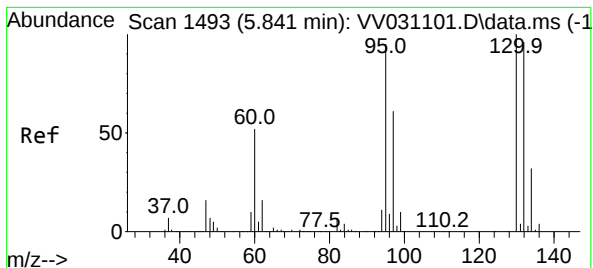
Ion Ratio Lower Upper

96 100

61 118.4 89.2 165.6

98 54.3 43.0 80.0





#34

Trichloroethene

Concen: 1120.580 ug/L

RT: 5.838 min Scan# 1492

Delta R.T. -0.003 min

Lab File: VV031120.D

Acq: 19 May 2023 20:38

Instrument :

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Tgt Ion: 95 Resp: 1727315

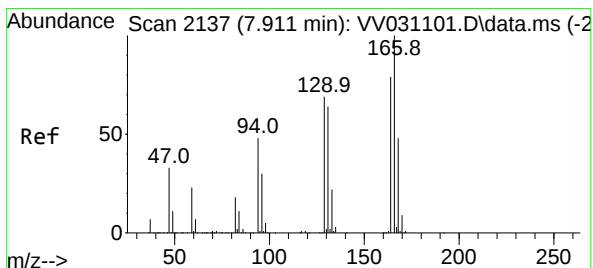
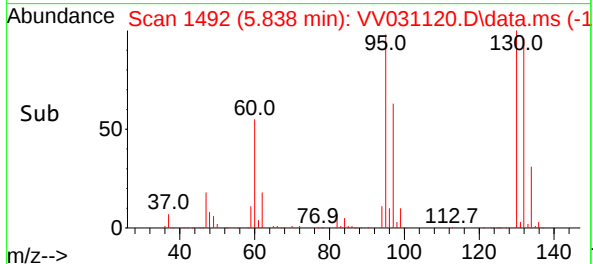
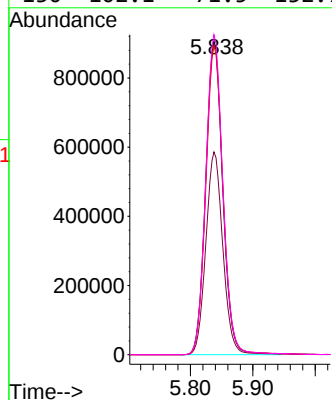
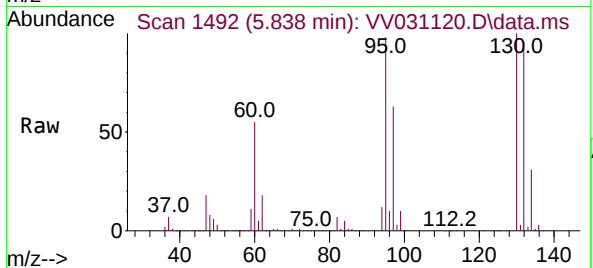
Ion Ratio Lower Upper

95 100

97 64.7 44.4 82.5

132 98.4 70.2 130.4

130 102.1 71.5 132.7



#46

Tetrachloroethene

Concen: 0.694 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VV031120.D

Acq: 19 May 2023 20:38

Tgt Ion:164 Resp: 919

Ion Ratio Lower Upper

164 100

129 73.5 65.5 121.7

131 87.4 62.1 115.3

166 107.3 93.4 173.4

