

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040523\
 Data File : VW030403.D
 Acq On : 05 Apr 2023 16:10
 Operator : SY/MD
 Sample : 02194-01DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDT8DL

Quant Time: Apr 06 05:27:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 31 05:37:21 2023
 Response via : Initial Calibration

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

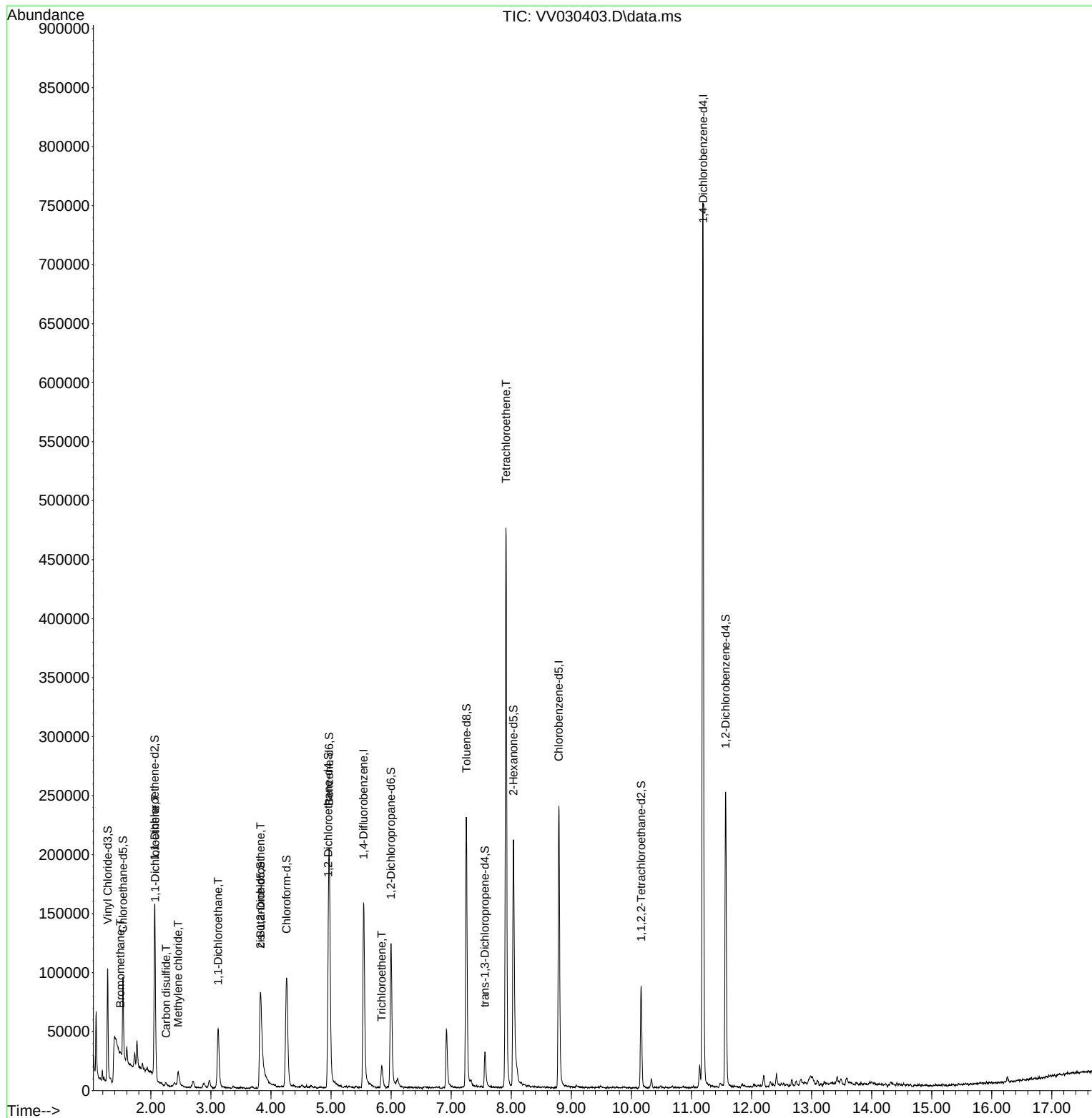
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	133334	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	131031	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	74861	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	41221	4.668	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.536	69	41145	4.801	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.063	63	76924	3.671	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.400%
20) 2-Butanone-d5	3.828	46	93263	40.860	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.720%
24) Chloroform-d	4.259	84	100536	4.704	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	4.953	65	50150	4.973	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	4.969	84	179956	4.874	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	5.998	67	57018	4.932	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.252	98	154993	4.571	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	7.561	79	18313	4.208	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.037	63	79031	45.189	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.380%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	40444	4.439	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	63193	4.723	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
6) Bromomethane	1.494	94	972	0.219	ug/L	97
12) 1,1-Dichloroethene	2.072	96	6192	0.556	ug/L #	1
14) Carbon disulfide	2.253	76	4969	0.135	ug/L	97
16) Methylene chloride	2.455	84	4703	0.357	ug/L	83
19) 1,1-Dichloroethane	3.121	63	48927	2.150	ug/L	93
22) cis-1,2-Dichloroethene	3.825	96	25498	2.165	ug/L	99
34) Trichloroethene	5.844	95	6499	0.518	ug/L	96
47) Tetrachloroethene	7.911	164	105916	9.561	ug/L	95

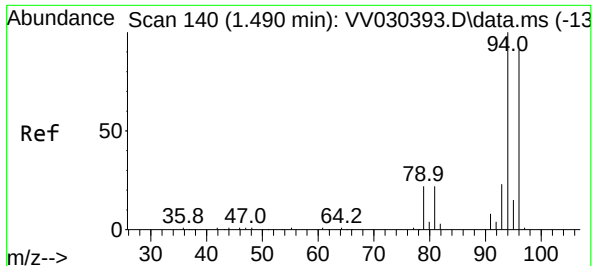
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040523\
Data File : VV030403.D
Acq On : 05 Apr 2023 16:10
Operator : SY/MD
Sample : 02194-01DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHDT8DL

Quant Time: Apr 06 05:27:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 31 05:37:21 2023
Response via : Initial Calibration

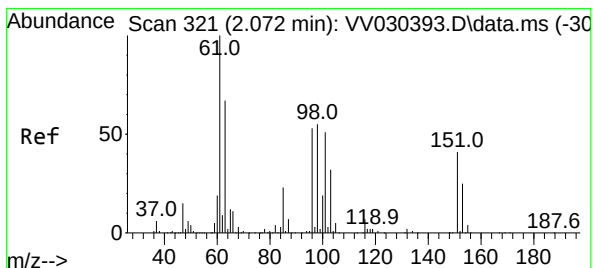
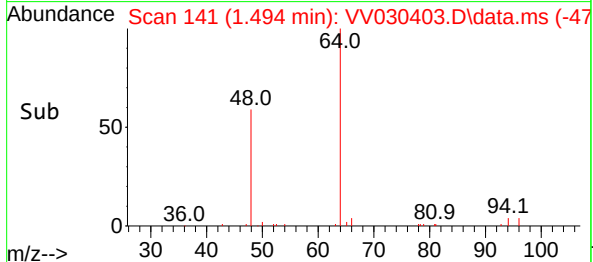
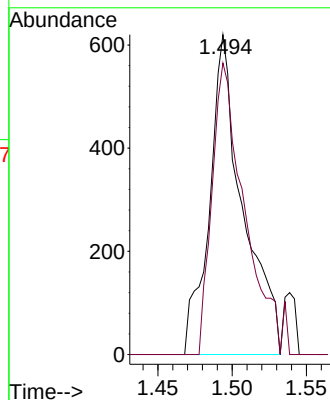
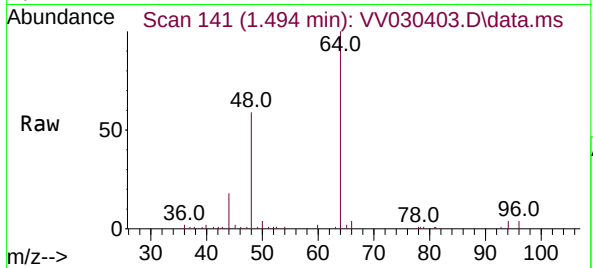




#6
Bromomethane
Concen: 0.219 ug/L
RT: 1.494 min Scan# 140
Delta R.T. 0.003 min
Lab File: VV030403.D
Acq: 05 Apr 2023 16:10

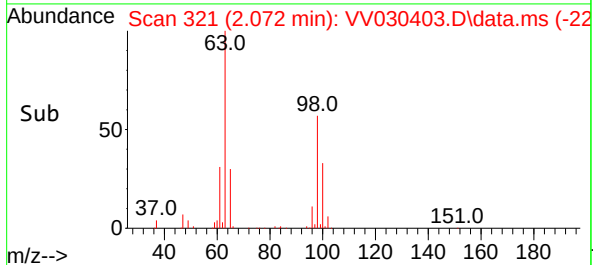
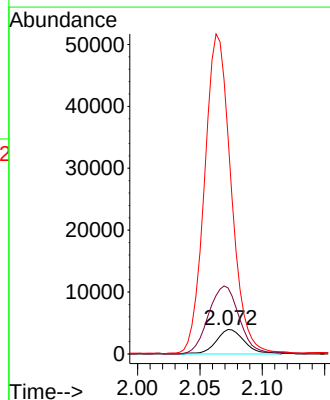
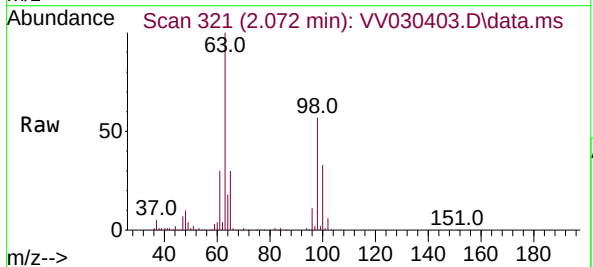
Instrument :
MSVOA_V
ClientSampleId :
BHDT8DL

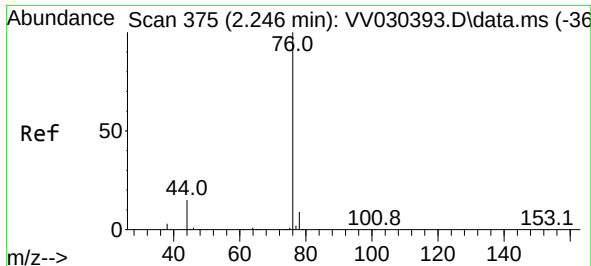
Tgt Ion: 94 Resp: 972
Ion Ratio Lower Upper
94 100
96 91.1 66.1 122.7



#12
1,1-Dichloroethene
Concen: 0.556 ug/L
RT: 2.072 min Scan# 321
Delta R.T. -0.003 min
Lab File: VV030403.D
Acq: 05 Apr 2023 16:10

Tgt Ion: 96 Resp: 6192
Ion Ratio Lower Upper
96 100
61 269.3 136.3 253.1#
63 886.1 92.1 171.1#

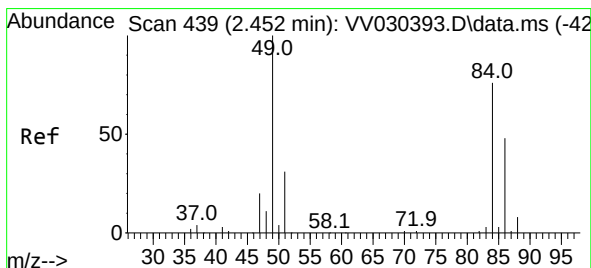
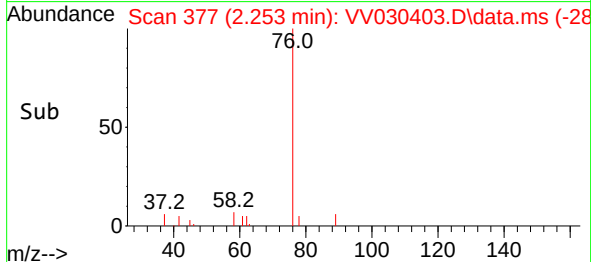
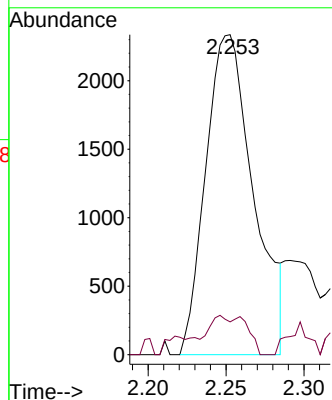
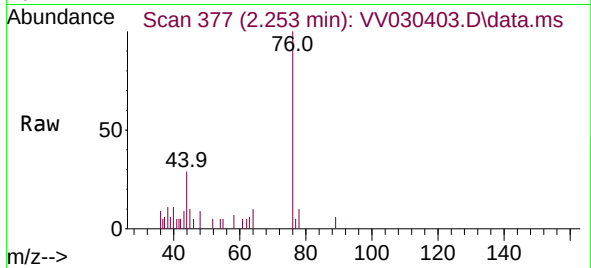




#14
Carbon disulfide
Concen: 0.135 ug/L
RT: 2.253 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV030403.D
Acq: 05 Apr 2023 16:10

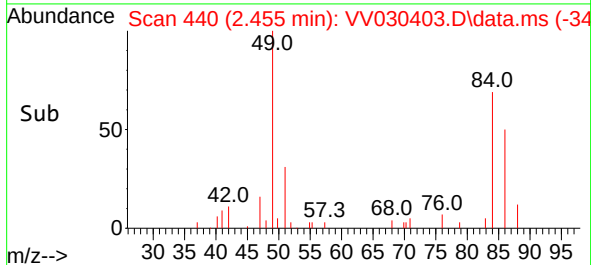
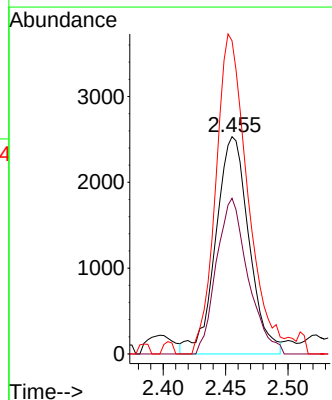
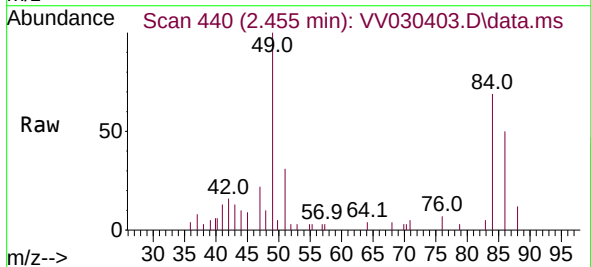
Instrument :
MSVOA_V
ClientSampleId :
BHDT8DL

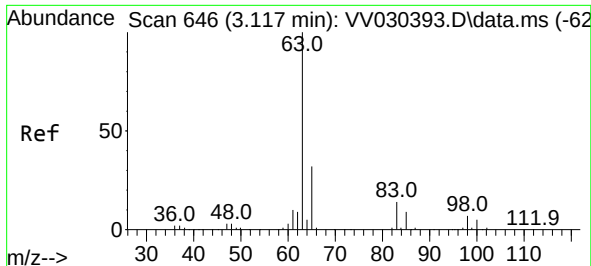
Tgt Ion: 76 Resp: 4969
Ion Ratio Lower Upper
76 100
78 10.2 7.3 10.9



#16
Methylene chloride
Concen: 0.357 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV030403.D
Acq: 05 Apr 2023 16:10

Tgt Ion: 84 Resp: 4703
Ion Ratio Lower Upper
84 100
86 71.6 44.0 81.6
49 151.6 90.6 168.3





#19

1,1-Dichloroethane

Concen: 2.150 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV030403.D

Acq: 05 Apr 2023 16:10

Instrument :

MSVOA_V

ClientSampleId :

BHDT8DL

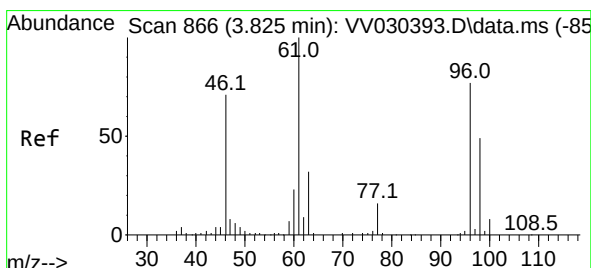
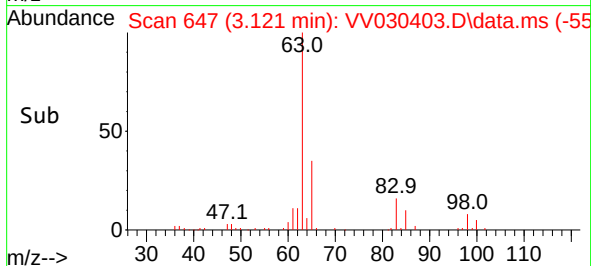
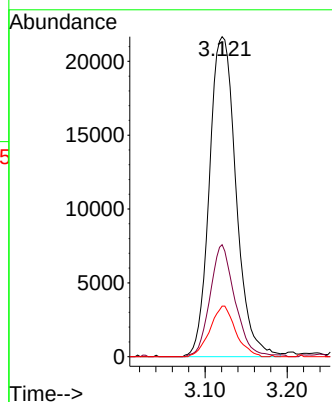
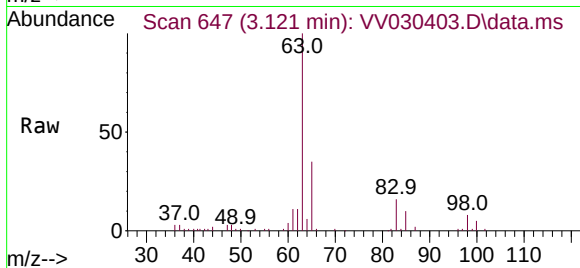
Tgt Ion: 63 Resp: 48927

Ion Ratio Lower Upper

63 100

65 35.0 21.7 40.3

83 15.8 9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 2.165 ug/L

RT: 3.825 min Scan# 866

Delta R.T. -0.000 min

Lab File: VV030403.D

Acq: 05 Apr 2023 16:10

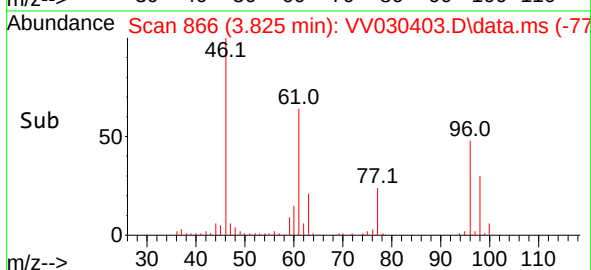
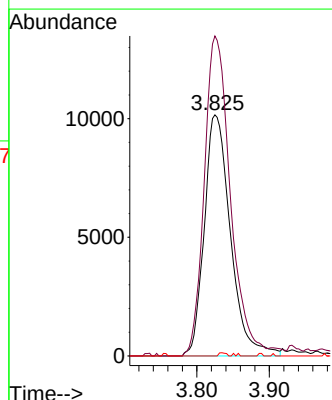
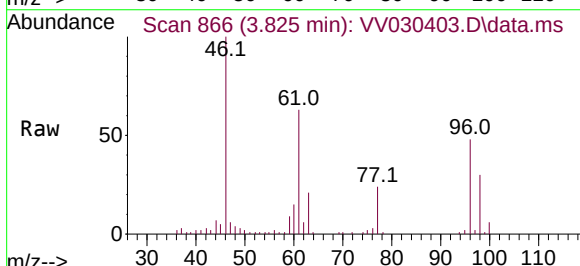
Tgt Ion: 96 Resp: 25498

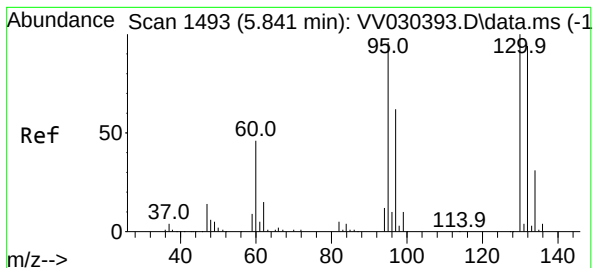
Ion Ratio Lower Upper

96 100

61 132.7 92.0 170.8

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.518 ug/L

RT: 5.844 min Scan# 1493

Delta R.T. 0.003 min

Lab File: VV030403.D

Acq: 05 Apr 2023 16:10

Instrument :

MSVOA_V

ClientSampleId :

BHDT8DL

Tgt Ion: 95 Resp: 6499

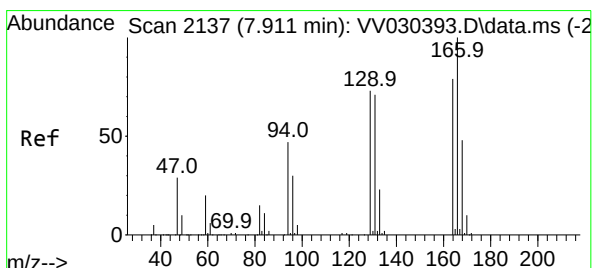
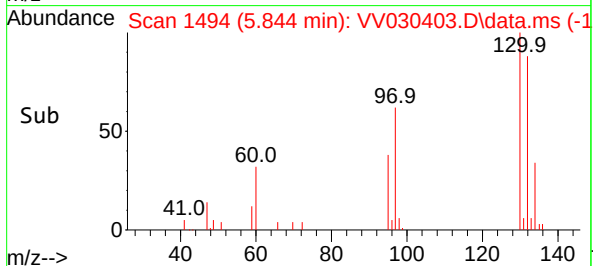
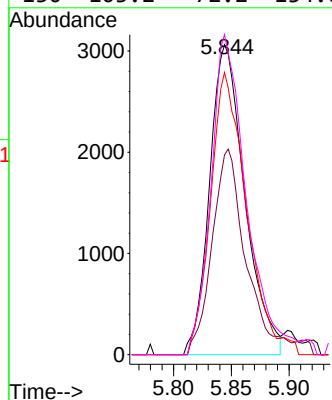
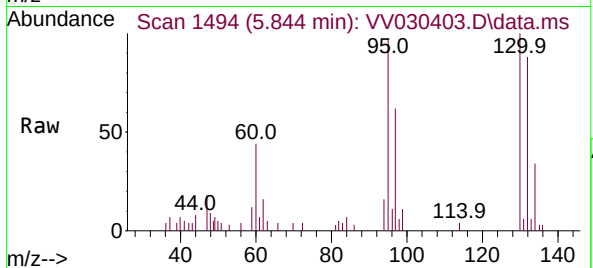
Ion Ratio Lower Upper

95 100

97 64.4 44.2 82.2

132 91.1 69.5 129.1

130 103.2 72.2 134.0



#47

Tetrachloroethene

Concen: 9.561 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VV030403.D

Acq: 05 Apr 2023 16:10

Tgt Ion: 164 Resp: 105916

Ion Ratio Lower Upper

164 100

129 92.5 60.8 112.8

131 88.3 61.7 114.7

166 129.8 85.6 159.0

