

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051523\
 Data File : VV031033.D
 Acq On : 15 May 2023 18:08
 Operator : SY/MD
 Sample : 02768-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CONN2

Quant Time: May 16 00:45:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 16 00:40:05 2023
 Response via : Initial Calibration

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

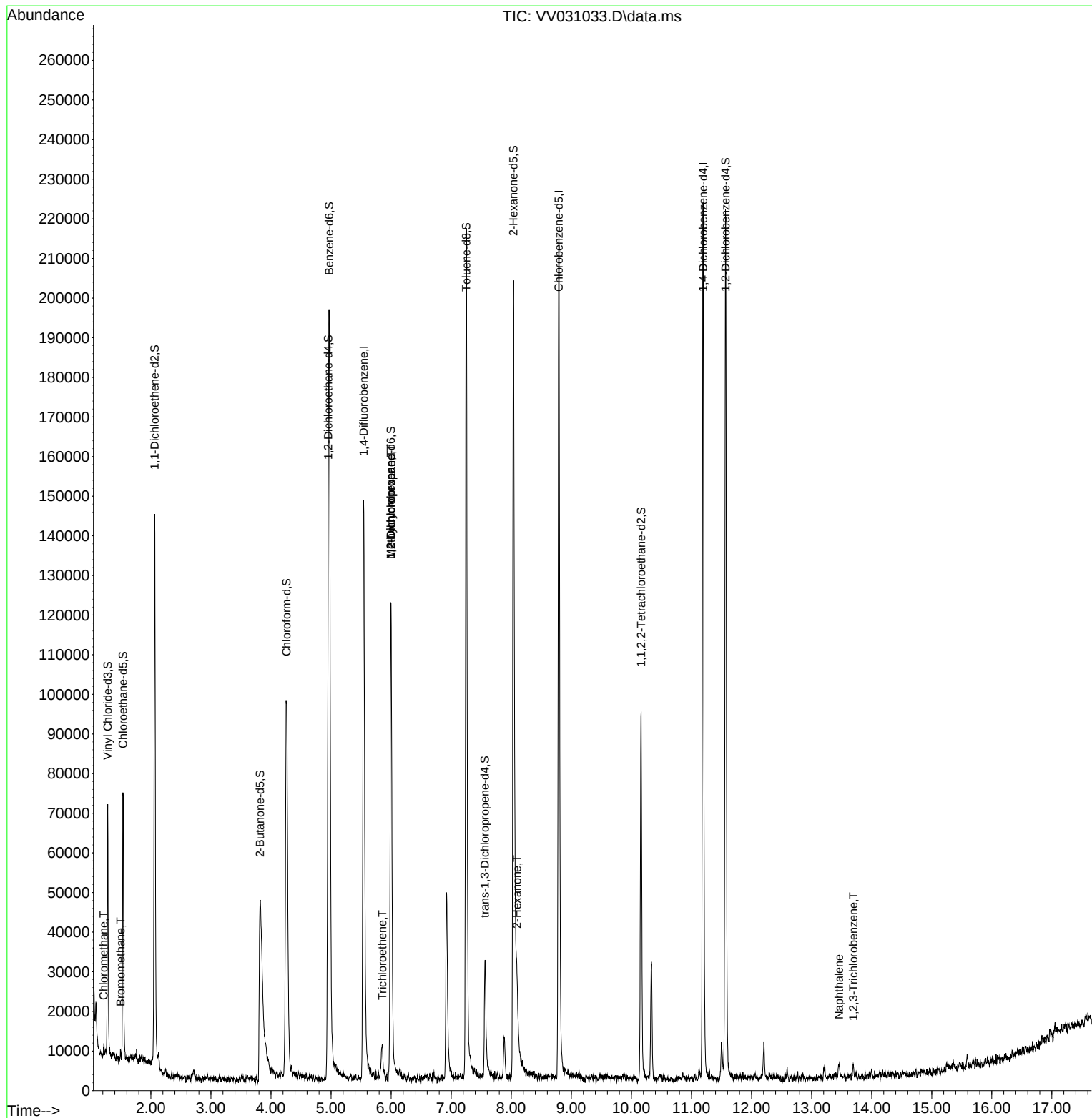
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	125155	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	120327	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	62352	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	40804	3.957	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.200%	
7) Chloroethane-d5	1.536	69	41536	4.938	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.800%	
11) 1,1-Dichloroethene-d2	2.063	65	22218	4.071	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	81.400%	
20) 2-Butanone-d5	3.818	46	106749	58.380	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.760%	
24) Chloroform-d	4.259	84	101700	4.963	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.200%	
26) 1,2-Dichloroethane-d4	4.953	65	54851	5.265	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.200%	
32) Benzene-d6	4.969	84	172447	4.889	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.800%	
36) 1,2-Dichloropropane-d6	5.995	67	51226	4.995	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.800%	
41) Toluene-d8	7.249	98	141031	4.199	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.000%	
43) trans-1,3-Dichloroprop...	7.561	79	17885	4.652	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.000%	
46) 2-Hexanone-d5	8.037	63	69718	51.760	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.520%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	40328	5.425	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.400%	
66) 1,2-Dichlorobenzene-d4	11.567	152	56954	4.900	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.000%	
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1733	0.149	ug/L	99
6) Bromomethane	1.497	94	698	0.151	ug/L	86
34) Trichloroethene	5.854	95	2546	0.316	ug/L	89
35) Methylcyclohexane	5.998	83	14040	1.123	ug/L #	19
37) 1,2-Dichloropropane	5.998	63	7332	1.021	ug/L #	86
48) 2-Hexanone	8.095	43	12349	4.328	ug/L	93
71) Naphthalene	13.458	128	2899	0.192	ug/L #	93
72) 1,2,3-Trichlorobenzene	13.696	180	791	0.089	ug/L	94

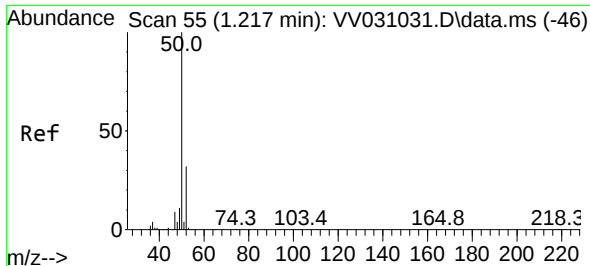
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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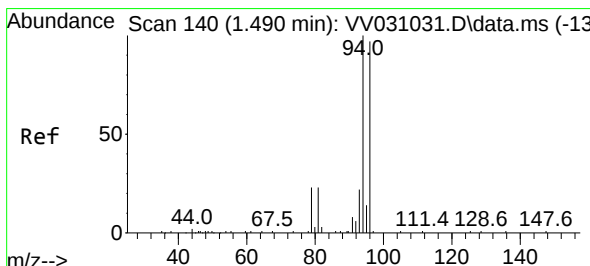
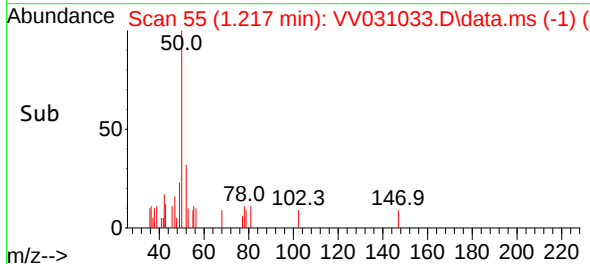
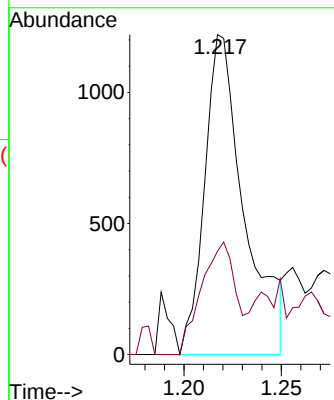
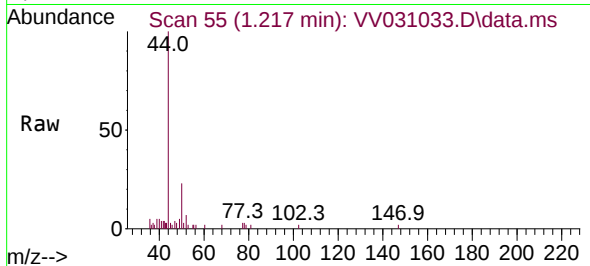




#3
Chloromethane
Concen: 0.149 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV031033.D
Acq: 15 May 2023 18:08

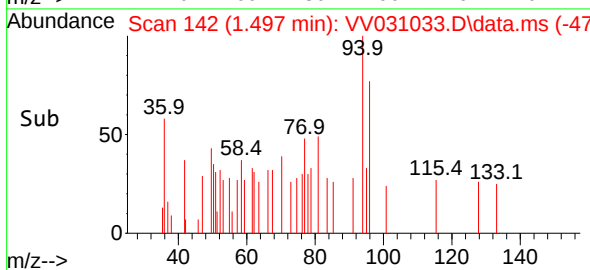
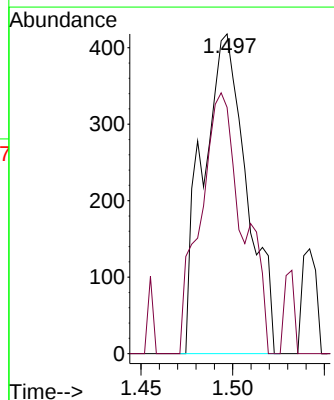
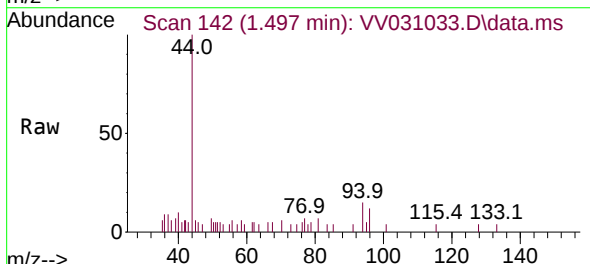
Instrument :
MSVOA_V
ClientSampleId :
CONN2

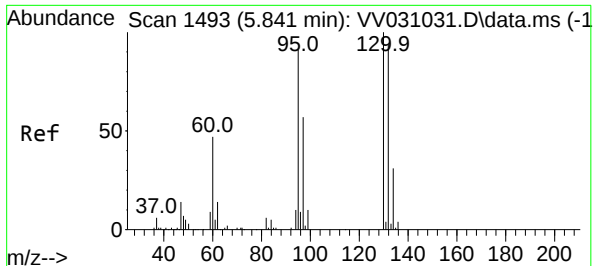
Tgt Ion: 50 Resp: 1733
Ion Ratio Lower Upper
50 100
52 32.3 22.8 42.4



#6
Bromomethane
Concen: 0.151 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.006 min
Lab File: VV031033.D
Acq: 15 May 2023 18:08

Tgt Ion: 94 Resp: 698
Ion Ratio Lower Upper
94 100
96 77.0 63.4 117.8





#34

Trichloroethene

Concen: 0.316 ug/L

RT: 5.854 min Scan# 1497

Delta R.T. 0.013 min

Lab File: VV031033.D

Acq: 15 May 2023 18:08

Instrument :

MSVOA_V

ClientSampleId :

CONN2

Tgt Ion: 95 Resp: 2546

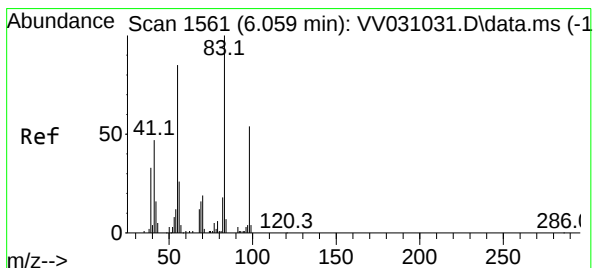
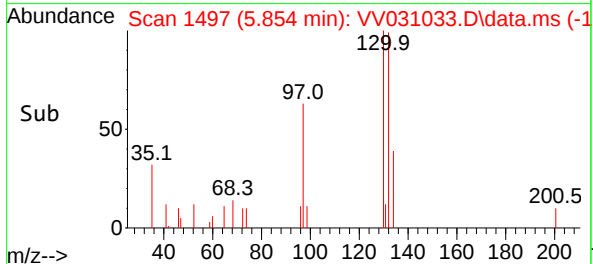
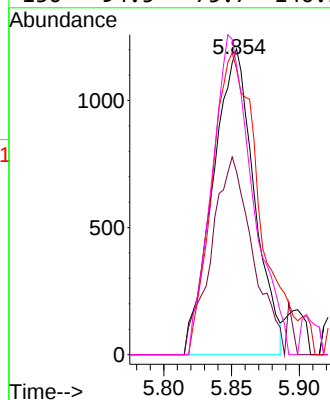
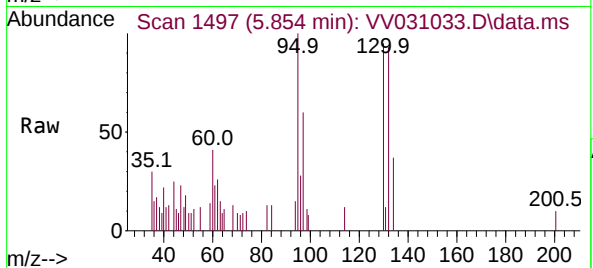
Ion Ratio Lower Upper

95 100

97 59.9 46.2 85.8

132 93.4 72.7 135.1

130 94.5 75.7 140.5



#35

Methylcyclohexane

Concen: 1.123 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.061 min

Lab File: VV031033.D

Acq: 15 May 2023 18:08

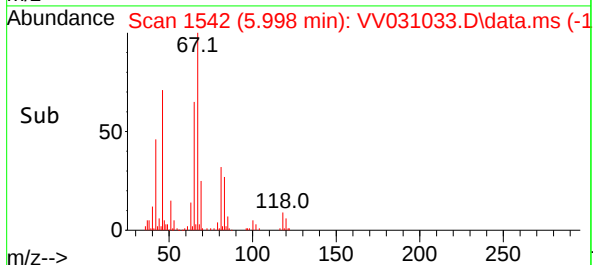
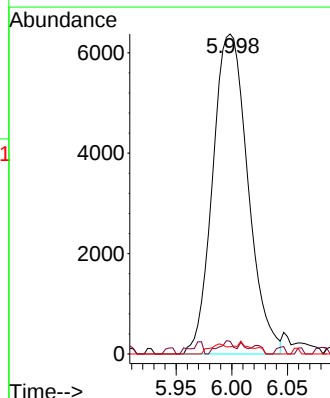
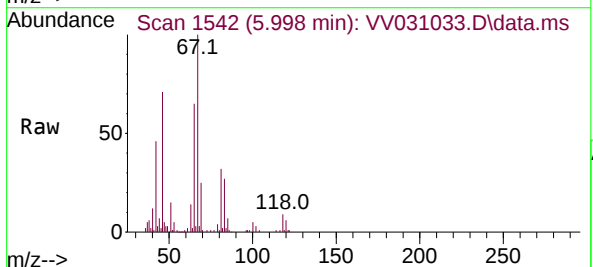
Tgt Ion: 83 Resp: 14040

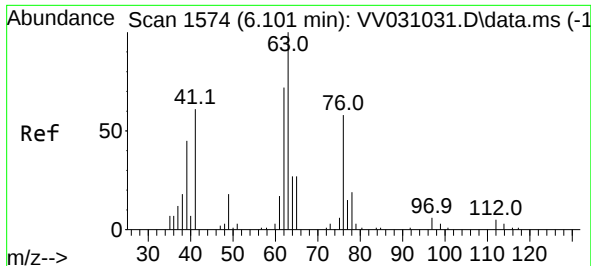
Ion Ratio Lower Upper

83 100

55 1.8 62.9 94.3#

98 1.6 40.5 60.7#





#37

1,2-Dichloropropane

Concen: 1.021 ug/L

RT: 5.998 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV031033.D

Acq: 15 May 2023 18:08

Instrument :

MSVOA_V

ClientSampleId :

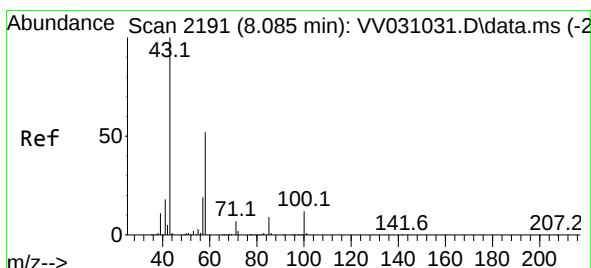
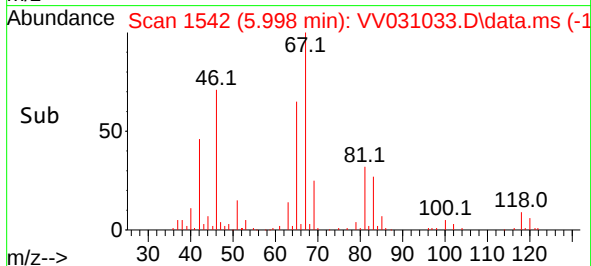
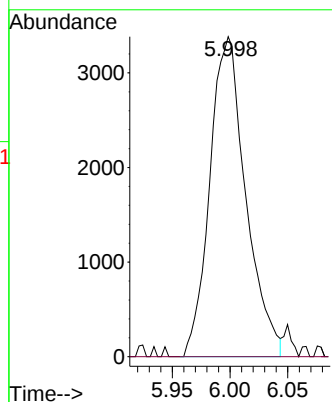
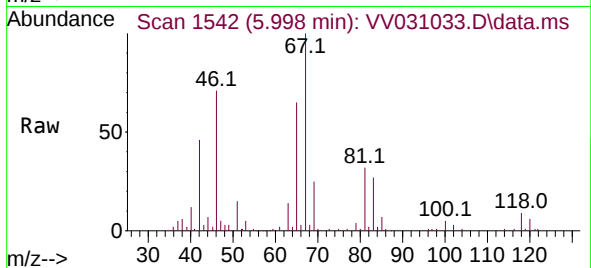
CONN2

Tgt Ion: 63 Resp: 7332

Ion Ratio Lower Upper

63 100

112 0.3 3.8 5.8#



#48

2-Hexanone

Concen: 4.328 ug/L

RT: 8.095 min Scan# 2194

Delta R.T. 0.010 min

Lab File: VV031033.D

Acq: 15 May 2023 18:08

Tgt Ion: 43 Resp: 12349

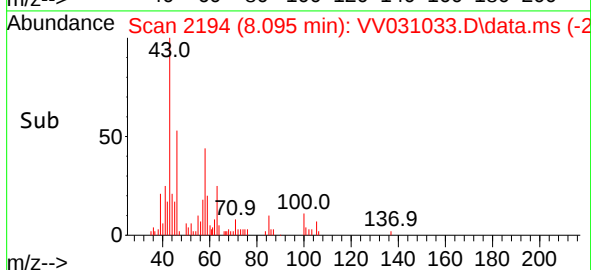
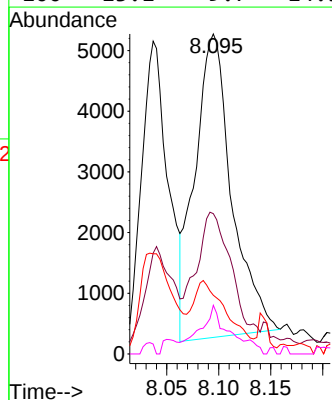
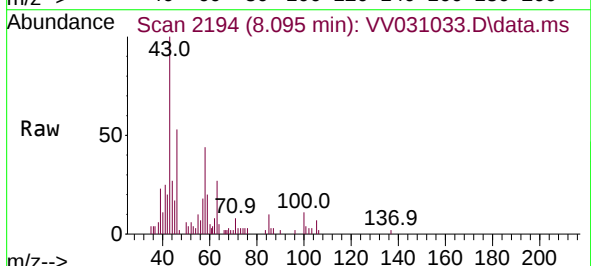
Ion Ratio Lower Upper

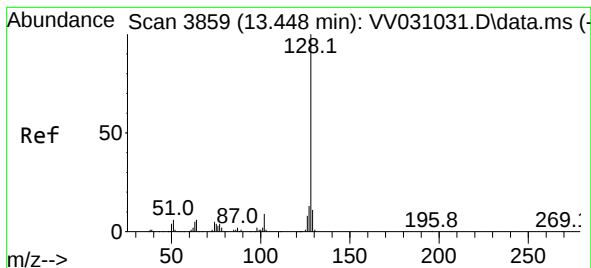
43 100

58 44.2 39.9 59.9

57 19.5 14.1 21.1

100 13.1 9.7 14.5





#71

Naphthalene

Concen: 0.192 ug/L

RT: 13.458 min Scan# 3859

Delta R.T. 0.010 min

Lab File: VV031033.D

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CONN2

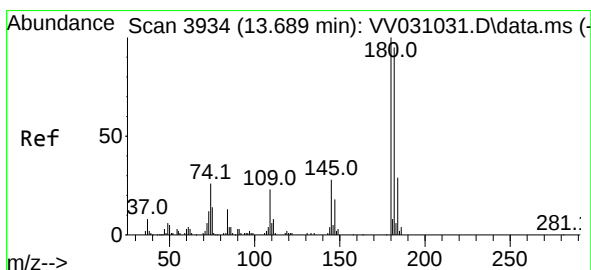
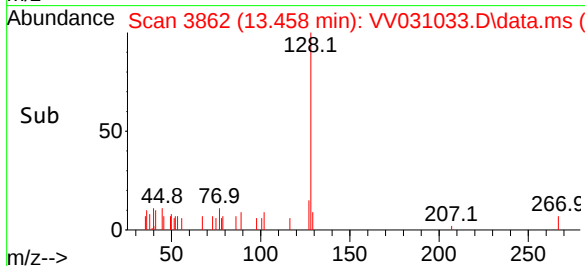
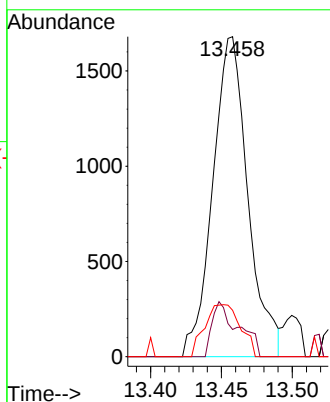
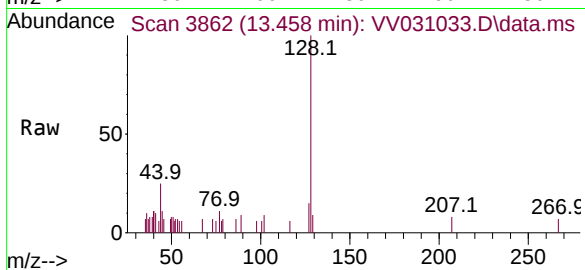
Tgt Ion:128 Resp: 2899

Ion Ratio Lower Upper

128 100

129 12.8 8.6 13.0

127 16.5 10.6 16.0#



#72

1,2,3-Trichlorobenzene

Concen: 0.089 ug/L

RT: 13.696 min Scan# 3936

Delta R.T. 0.006 min

Lab File: VV031033.D

Acq: 15 May 2023 18:08

Tgt Ion:180 Resp: 791

Ion Ratio Lower Upper

180 100

182 102.5 77.3 115.9

145 34.6 24.7 37.1

