

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042823\
 Data File : VV030925.D
 Acq On : 28 Apr 2023 16:54
 Operator : SY/MD
 Sample : 02488-14DL 250X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHE69DL

Quant Time: Apr 29 01:10:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 01:06:38 2023
 Response via : Initial Calibration

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

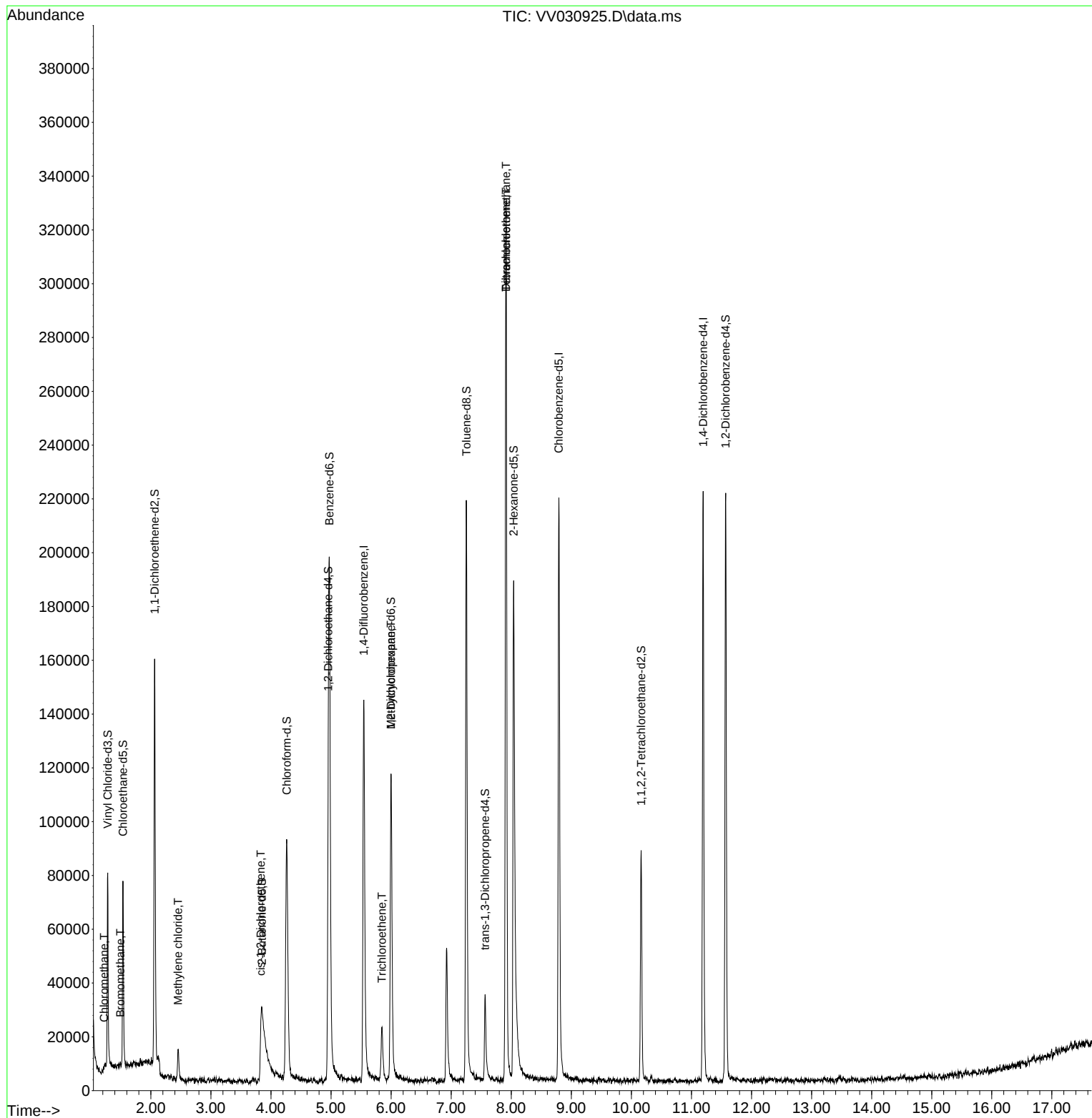
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	122491	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	123534	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	60105	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	48223	4.778	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.535	69	41318	5.019	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.063	65	24209	4.533	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	3.850	46	77970	43.568	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.140%
24) Chloroform-d	4.262	84	95430	4.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	4.953	65	52999	5.198	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	4.973	84	167970	4.639	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	5.998	67	48961	4.650	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.252	98	143952	4.175	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	7.564	79	19531	4.948	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.000%
46) 2-Hexanone-d5	8.040	63	71663	51.823	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.640%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	37193	4.873	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	11.570	152	57635	5.144	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
3) Chloromethane	1.224	50	1071	0.094	ug/L	98
6) Bromomethane	1.494	94	363	0.080	ug/L	99
16) Methylene chloride	2.455	84	5020	0.538	ug/L	89
22) cis-1,2-Dichloroethene	3.831	96	2012	0.253	ug/L	83
34) Trichloroethene	5.847	95	6404	0.773	ug/L	86
35) Methylcyclohexane	5.998	83	13535	1.054	ug/L #	19
47) Tetrachloroethene	7.915	164	74730	9.457	ug/L	96
49) Dibromochloromethane	7.911	129	60377	8.776	ug/L #	10

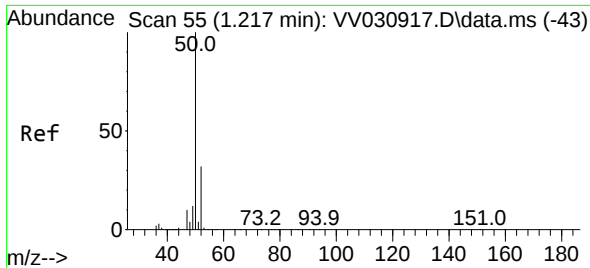
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 29 01:06:38 2023
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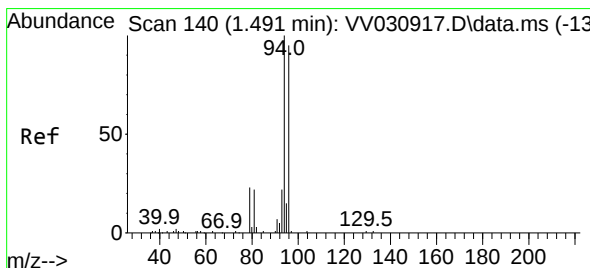
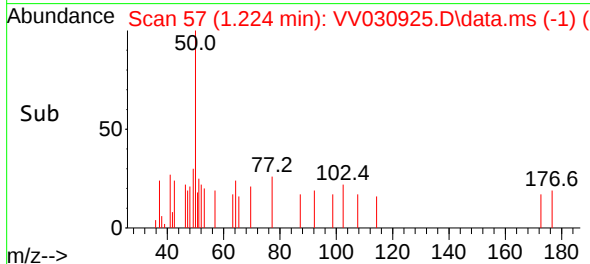
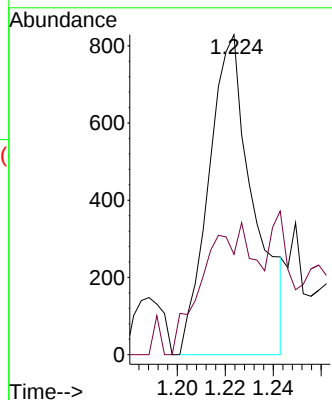
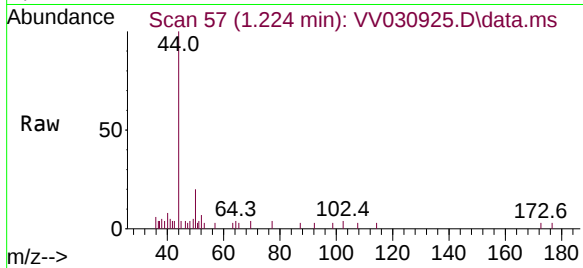




#3
Chloromethane
Concen: 0.094 ug/L
RT: 1.224 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV030925.D
Acq: 28 Apr 2023 16:54

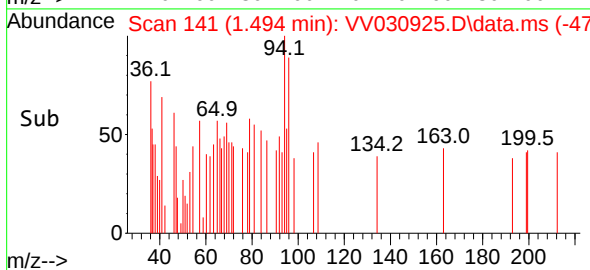
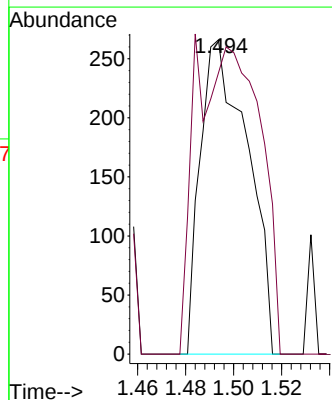
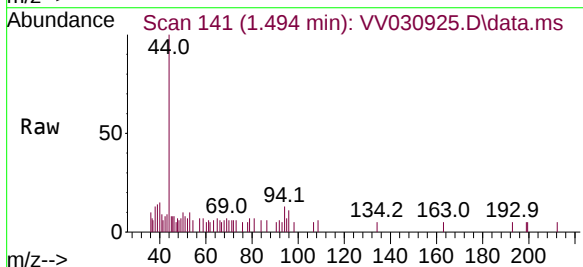
Instrument :
MSVOA_V
ClientSampleId :
BHE69DL

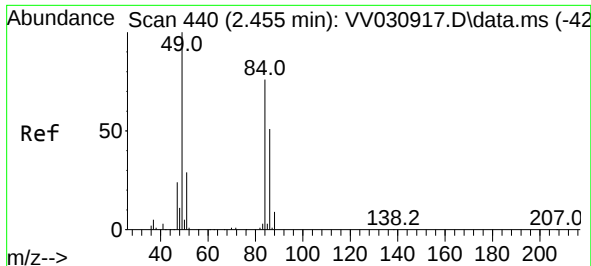
Tgt Ion: 50 Resp: 1071
Ion Ratio Lower Upper
50 100
52 31.4 22.8 42.4



#6
Bromomethane
Concen: 0.080 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV030925.D
Acq: 28 Apr 2023 16:54

Tgt Ion: 94 Resp: 363
Ion Ratio Lower Upper
94 100
96 89.5 63.4 117.8

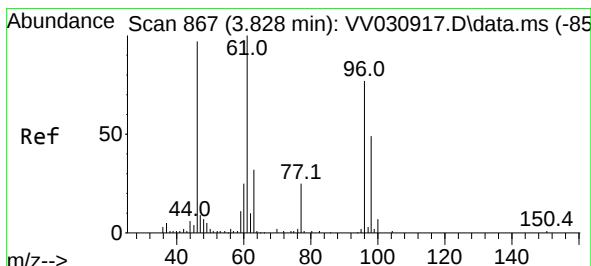
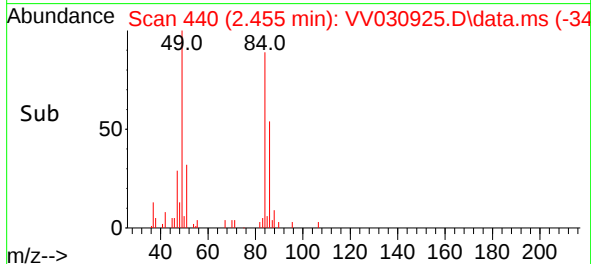
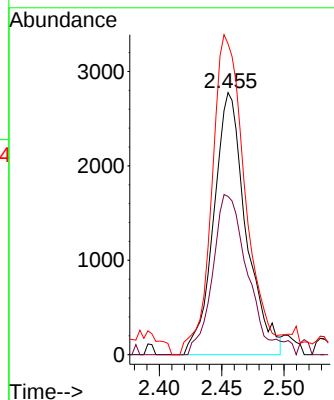
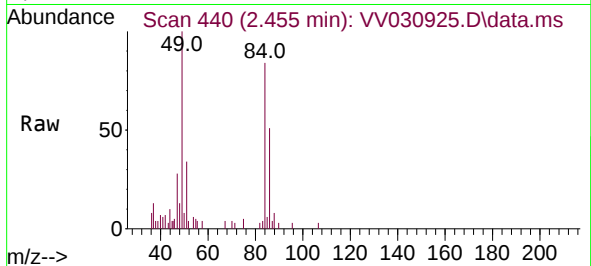




#16
Methylene chloride
Concen: 0.538 ug/L
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV030925.D
Acq: 28 Apr 2023 16:54

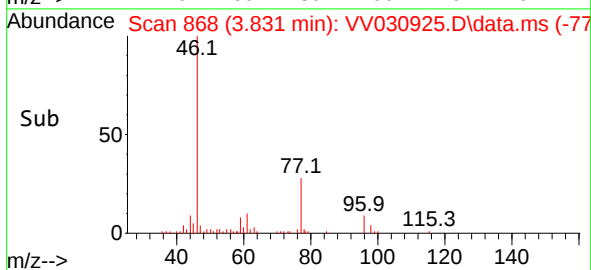
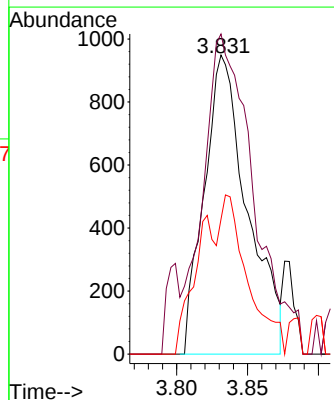
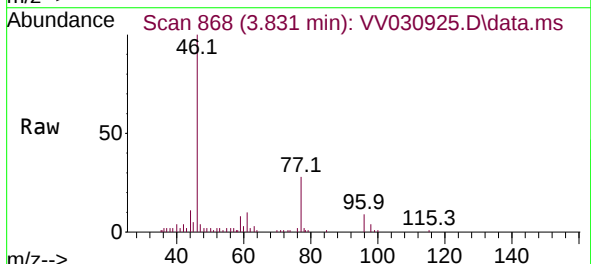
Instrument :
MSVOA_V
ClientSampleId :
BHE69DL

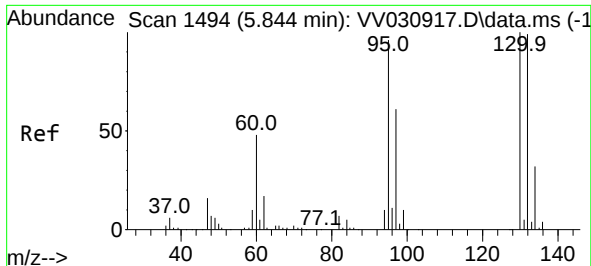
Tgt Ion: 84 Resp: 5020
Ion Ratio Lower Upper
84 100
86 60.4 46.1 85.5
49 118.6 94.3 175.1



#22
cis-1,2-Dichloroethene
Concen: 0.253 ug/L
RT: 3.831 min Scan# 868
Delta R.T. 0.003 min
Lab File: VV030925.D
Acq: 28 Apr 2023 16:54

Tgt Ion: 96 Resp: 2012
Ion Ratio Lower Upper
96 100
61 107.1 86.0 159.6
98 45.1 43.2 80.2



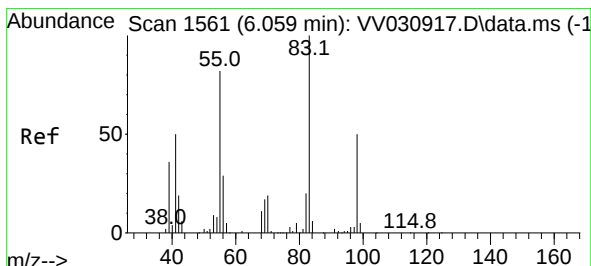
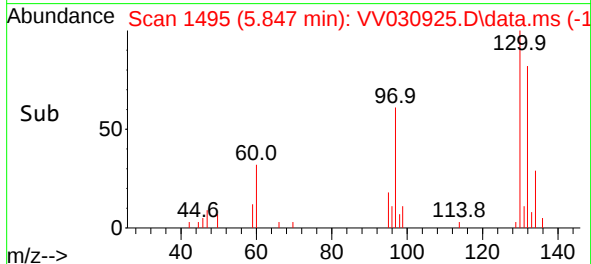
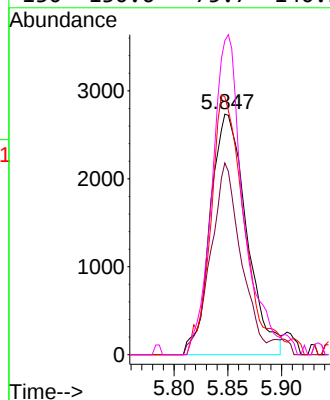
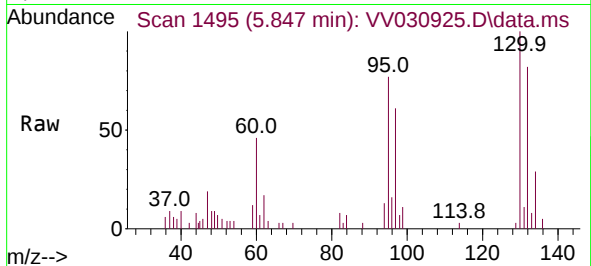


#34
Trichloroethene
Concen: 0.773 ug/L
RT: 5.847 min Scan# 1494
Delta R.T. 0.003 min
Lab File: VV030925.D
Acq: 28 Apr 2023 16:54

Instrument :
MSVOA_V
ClientSampleId :
BHE69DL

Tgt Ion: 95 Resp: 6404

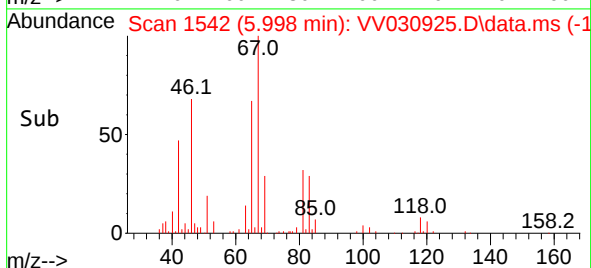
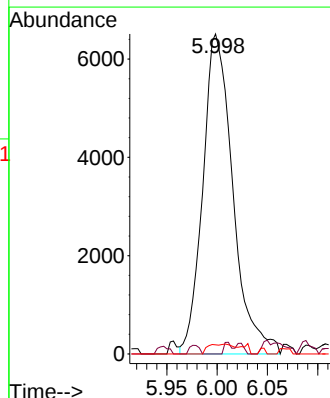
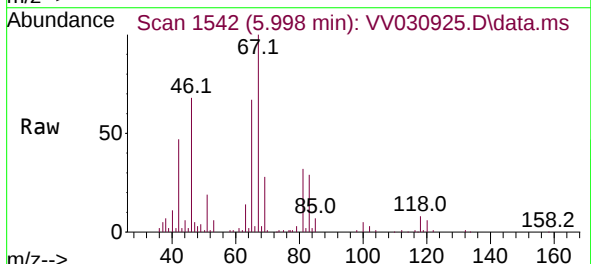
Ion	Ratio	Lower	Upper
95	100		
97	79.7	46.2	85.8
132	107.2	72.7	135.1
130	130.6	75.7	140.5

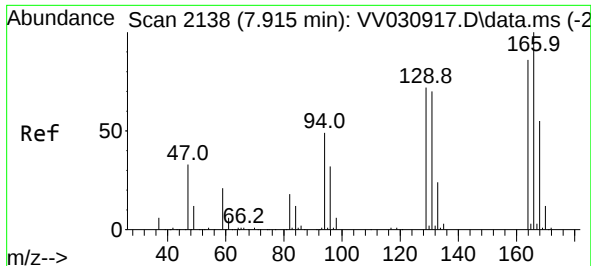


#35
Methylcyclohexane
Concen: 1.054 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.061 min
Lab File: VV030925.D
Acq: 28 Apr 2023 16:54

Tgt Ion: 83 Resp: 13535

Ion	Ratio	Lower	Upper
83	100		
55	1.0	62.9	94.3#
98	2.7	40.5	60.7#





#47

Tetrachloroethene

Concen: 9.457 ug/L

RT: 7.915 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VV030925.D

Acq: 28 Apr 2023 16:54

Instrument :

MSVOA_V

ClientSampleId :

BHE69DL

Tgt Ion:164 Resp: 74730

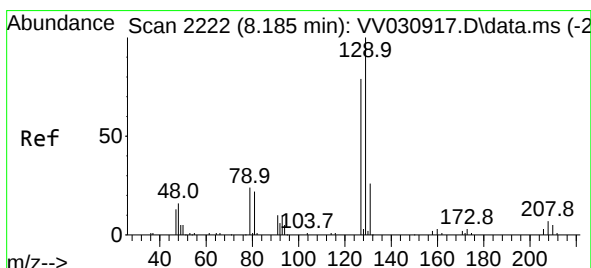
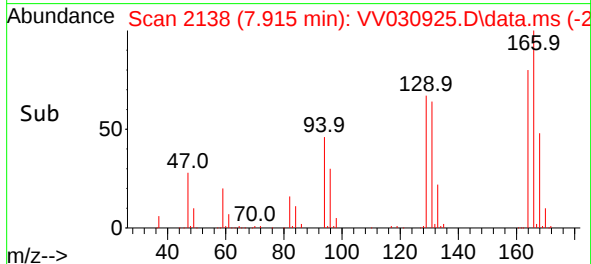
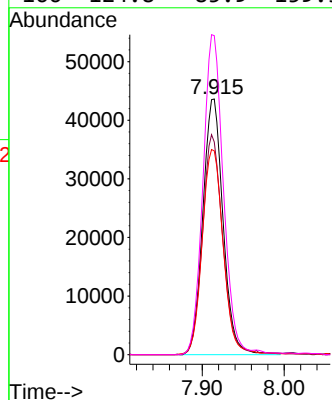
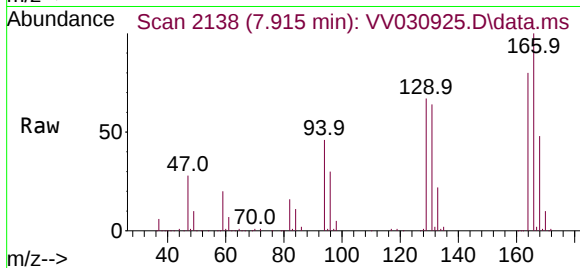
Ion Ratio Lower Upper

164 100

129 83.2 60.5 112.3

131 79.7 60.8 112.8

166 124.8 85.9 159.5



#49

Dibromochloromethane

Concen: 8.776 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.273 min

Lab File: VV030925.D

Acq: 28 Apr 2023 16:54

Tgt Ion:129 Resp: 60377

Ion Ratio Lower Upper

129 100

127 0.3 55.3 102.7#

