

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040623\
 Data File : VV030417.D
 Acq On : 06 Apr 2023 14:57
 Operator : SY/MD
 Sample : 02225-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB3

Quant Time: Apr 07 04:50:59 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)

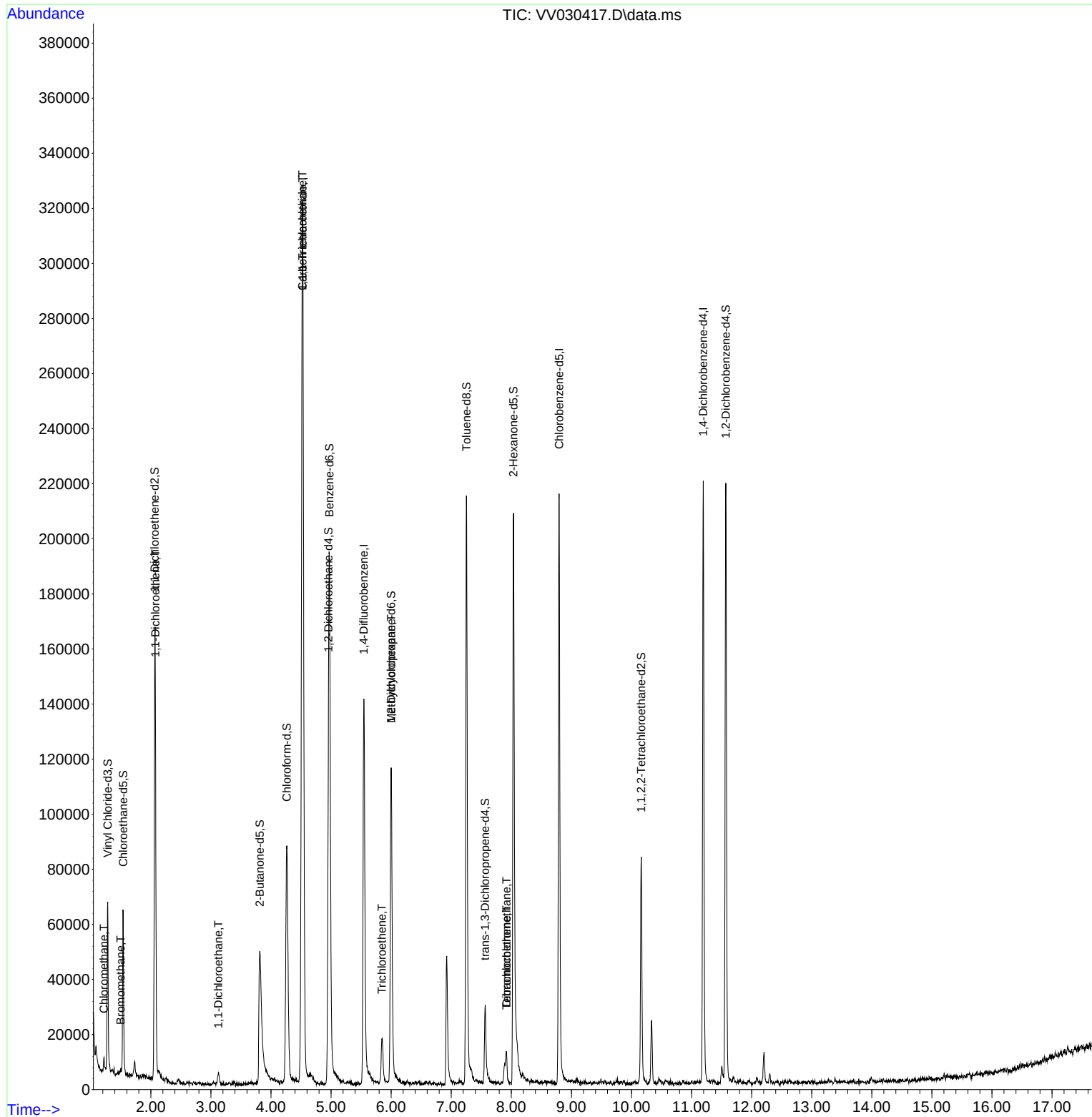
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	120993	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	117498	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	57713	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	36114	4.507	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.200%	
7) Chloroethane-d5	1.539	69	38475	4.948	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.000%	
11) 1,1-Dichloroethene-d2	2.066	63	75990	3.996	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	80.000%	
20) 2-Butanone-d5	3.812	46	96242	46.466	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	92.940%	
24) Chloroform-d	4.262	84	93310	4.811	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.200%	
26) 1,2-Dichloroethane-d4	4.957	65	47474	5.188	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.800%	
32) Benzene-d6	4.973	84	169053	5.106	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.200%	
36) 1,2-Dichloropropane-d6	5.998	67	51367	4.955	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.200%	
41) Toluene-d8	7.252	98	144427	4.750	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.000%	
43) trans-1,3-Dichloroprop...	7.564	79	17653	4.523	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.400%	
46) 2-Hexanone-d5	8.034	63	71256	45.436	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.880%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	37630	4.606	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.200%	
66) 1,2-Dichlorobenzene-d4	11.570	152	56787	5.505	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.200%	
Target Compounds						Qvalue
3) Chloromethane	1.217	50	4238	0.218	ug/L	98
6) Bromomethane	1.497	94	624	0.155	ug/L	90
12) 1,1-Dichloroethene	2.076	96	20353	2.013	ug/L #	63
19) 1,1-Dichloroethane	3.124	63	3771	0.183	ug/L #	90
29) 1,1,1-Trichloroethane	4.522	97	263497	13.953	ug/L	100
31) Carbon tetrachloride	4.522	117	33269	1.942	ug/L	100
34) Trichloroethene	5.847	95	5792	0.515	ug/L	90
35) Methylcyclohexane	5.998	83	13075	0.740	ug/L #	18
47) Tetrachloroethene	7.921	164	2186	0.220	ug/L	85
49) Dibromochloromethane	7.918	129	2213	0.246	ug/L #	12

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

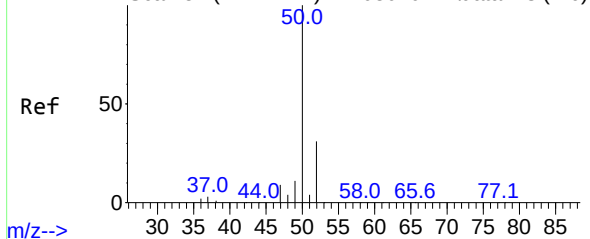
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040623\
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QLast Update : Fri Mar 31 05:37:21 2023
Response via : Initial Calibration



Abundance Scan 54 (1.214 min): VV030407.D\data.ms (-46)



#3

Chloromethane

Concen: 0.218 ug/L

RT: 1.217 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV030417.D

Acq: 06 Apr 2023 14:57

Instrument :

MSVOA_V

ClientSampleId :

C0AB3

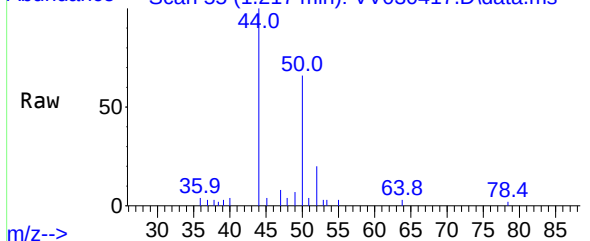
Tgt Ion: 50 Resp: 4238

Ion Ratio Lower Upper

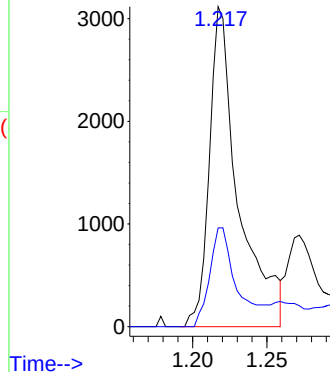
50 100

52 30.9 22.3 41.5

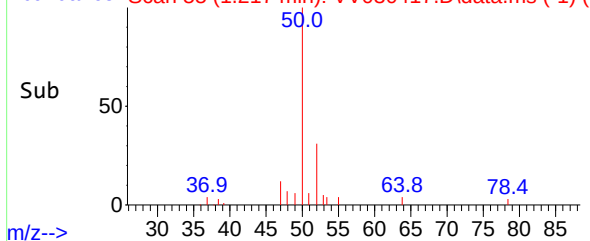
Abundance Scan 55 (1.217 min): VV030417.D\data.ms



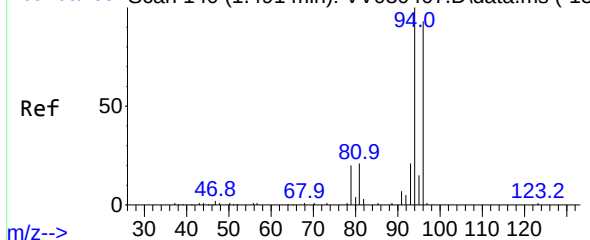
Abundance



Abundance Scan 55 (1.217 min): VV030417.D\data.ms (-1)



Abundance Scan 140 (1.491 min): VV030407.D\data.ms (-13)



#6

Bromomethane

Concen: 0.155 ug/L

RT: 1.497 min Scan# 142

Delta R.T. 0.006 min

Lab File: VV030417.D

Acq: 06 Apr 2023 14:57

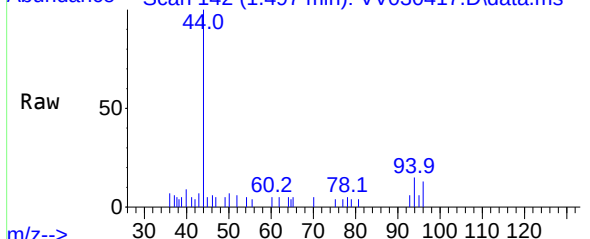
Tgt Ion: 94 Resp: 624

Ion Ratio Lower Upper

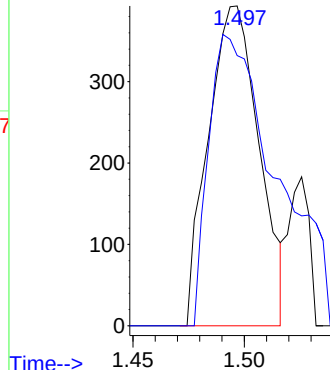
94 100

96 84.5 66.1 122.7

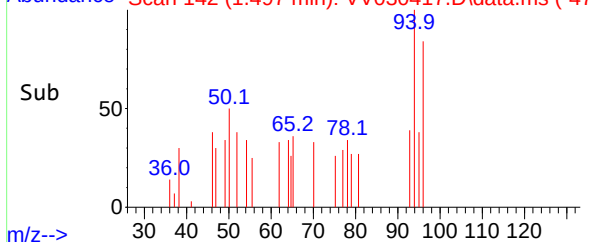
Abundance Scan 142 (1.497 min): VV030417.D\data.ms

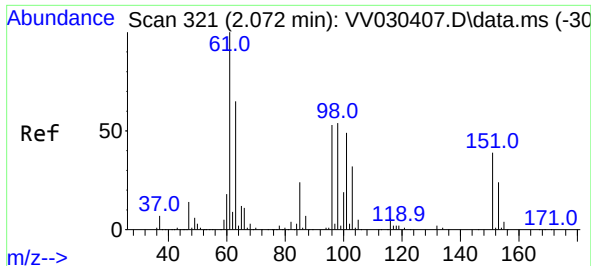


Abundance



Abundance Scan 142 (1.497 min): VV030417.D\data.ms (-47)





#12

1,1-Dichloroethene

Concen: 2.013 ug/L

RT: 2.076 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030417.D

Acq: 06 Apr 2023 14:57

Instrument :

MSVOA_V

ClientSampleId :

C0AB3

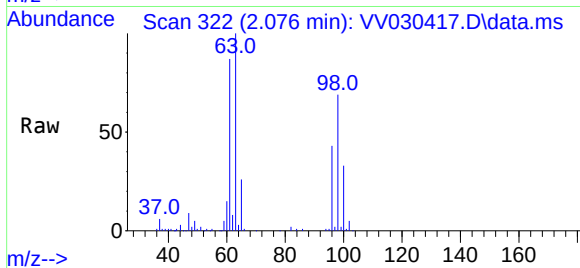
Tgt Ion: 96 Resp: 20353

Ion Ratio Lower Upper

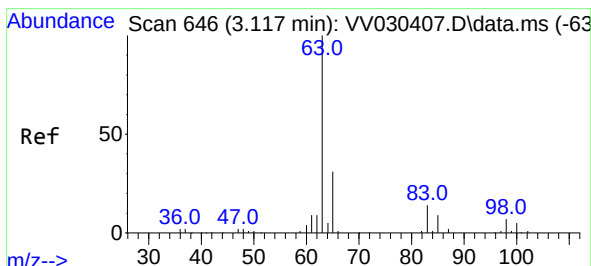
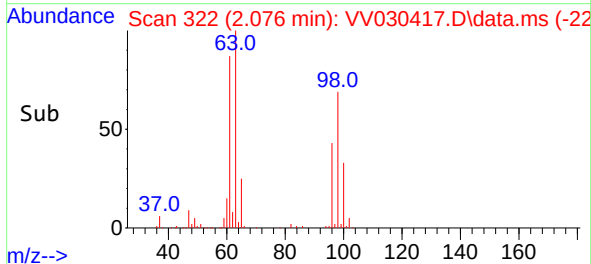
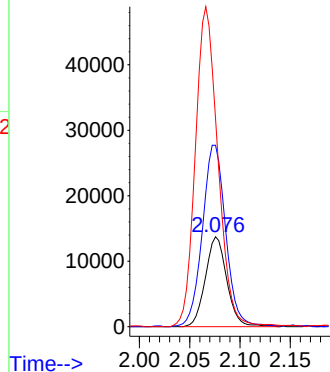
96 100

61 201.7 136.3 253.1

63 231.1 92.1 171.1#



Abundance



#19

1,1-Dichloroethane

Concen: 0.183 ug/L

RT: 3.124 min Scan# 648

Delta R.T. 0.006 min

Lab File: VV030417.D

Acq: 06 Apr 2023 14:57

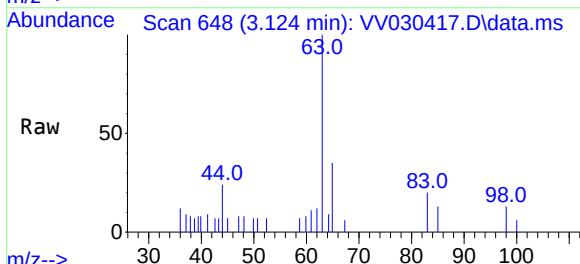
Tgt Ion: 63 Resp: 3771

Ion Ratio Lower Upper

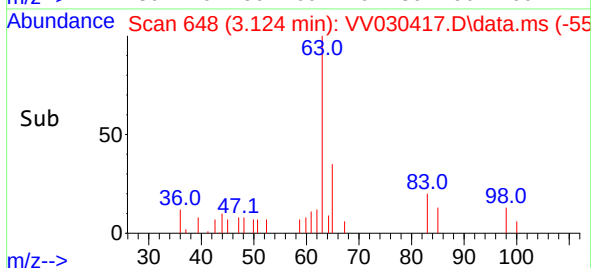
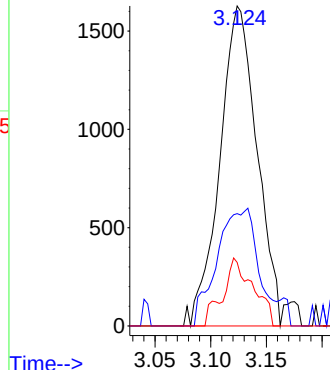
63 100

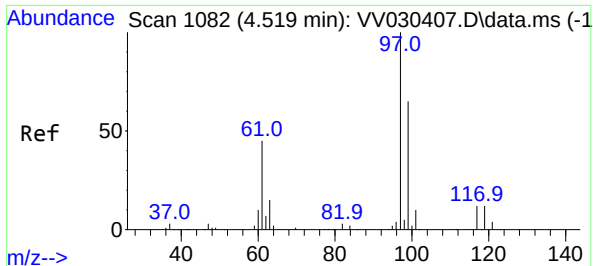
65 35.1 21.7 40.3

83 19.8 9.1 16.9#



Abundance

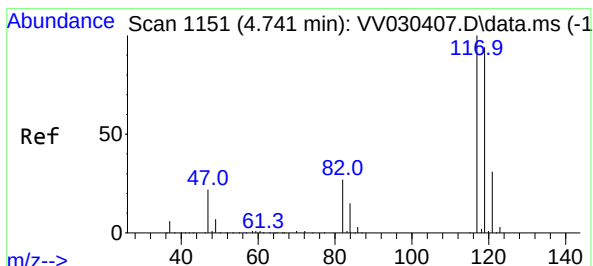
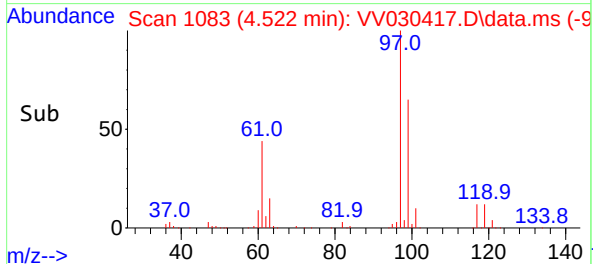
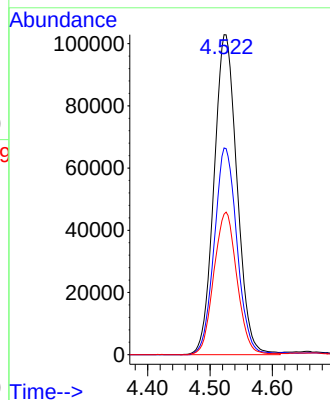
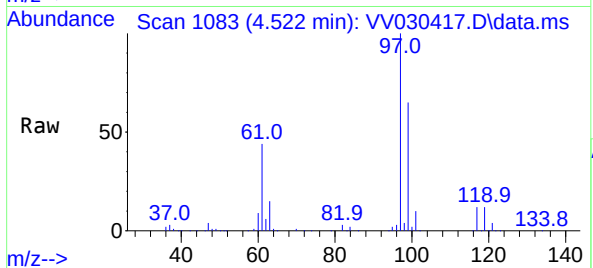




#29
1,1,1-Trichloroethane
Concen: 13.953 ug/L
RT: 4.522 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VV030417.D
Acq: 06 Apr 2023 14:57

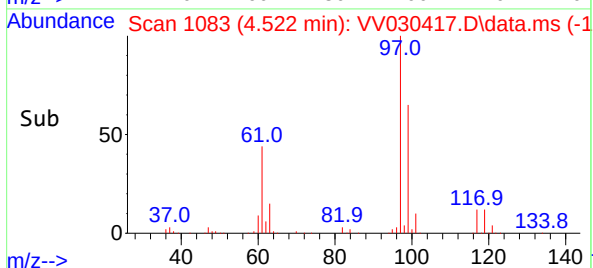
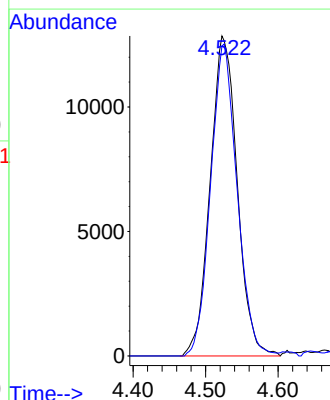
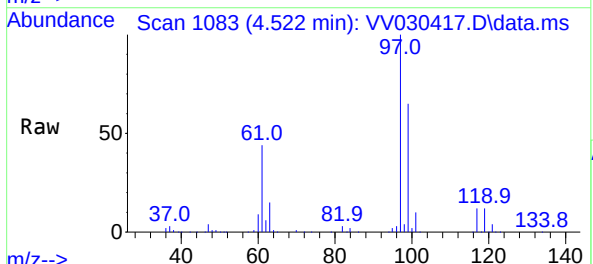
Instrument :
MSVOA_V
ClientSampleId :
C0AB3

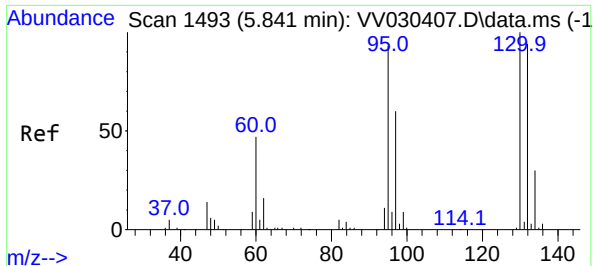
Tgt Ion: 97 Resp: 263497
Ion Ratio Lower Upper
97 100
99 63.9 50.9 76.3
61 44.7 35.9 53.9



#31
Carbon tetrachloride
Concen: 1.942 ug/L
RT: 4.522 min Scan# 1083
Delta R.T. -0.222 min
Lab File: VV030417.D
Acq: 06 Apr 2023 14:57

Tgt Ion: 117 Resp: 33269
Ion Ratio Lower Upper
117 100
119 95.3 76.2 114.4



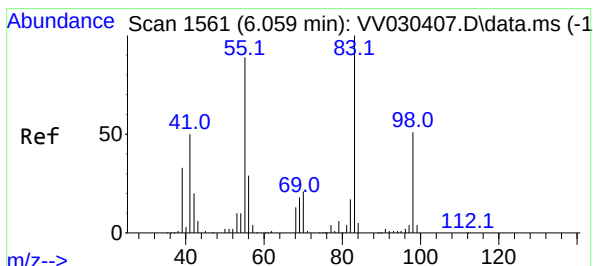
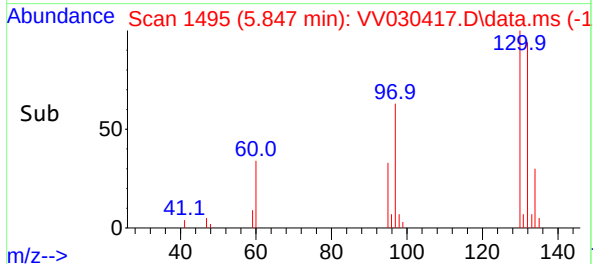
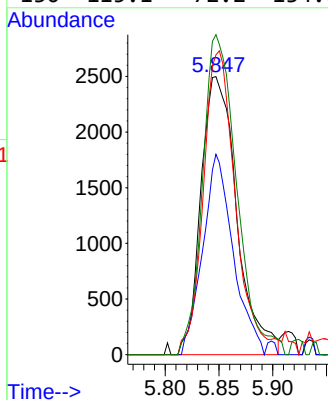
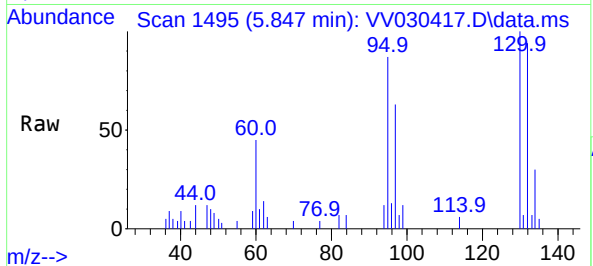


#34
 Trichloroethene
 Concen: 0.515 ug/L
 RT: 5.847 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VV030417.D
 Acq: 06 Apr 2023 14:57

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB3

Tgt Ion: 95 Resp: 5792

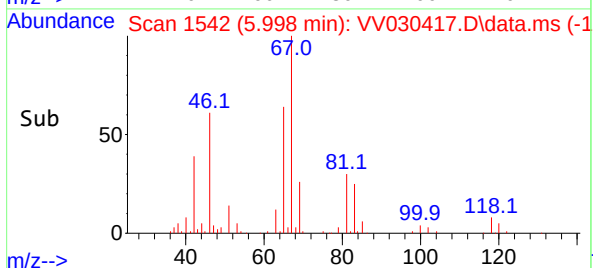
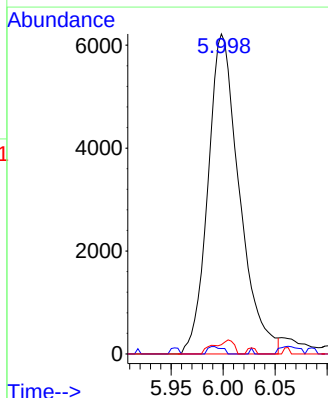
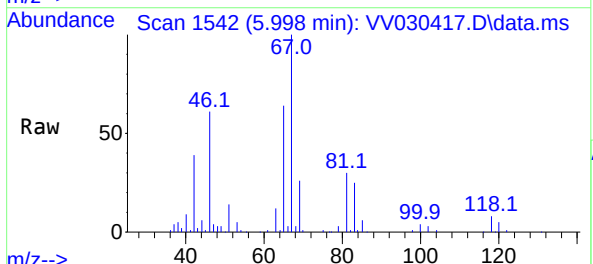
Ion	Ratio	Lower	Upper
95	100		
97	72.1	44.2	82.2
132	107.8	69.5	129.1
130	115.1	72.2	134.0

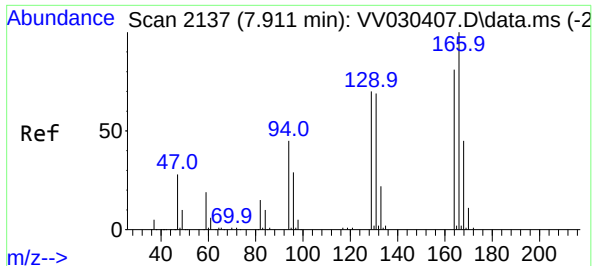


#35
 Methylcyclohexane
 Concen: 0.740 ug/L
 RT: 5.998 min Scan# 1542
 Delta R.T. -0.061 min
 Lab File: VV030417.D
 Acq: 06 Apr 2023 14:57

Tgt Ion: 83 Resp: 13075

Ion	Ratio	Lower	Upper
83	100		
55	1.1	66.6	100.0#
98	2.7	38.6	58.0#





#47

Tetrachloroethene

Concen: 0.220 ug/L

RT: 7.921 min Scan# 2139

Delta R.T. 0.009 min

Lab File: VV030417.D

Acq: 06 Apr 2023 14:57

Instrument :

MSVOA_V

ClientSampleId :

C0AB3

Tgt Ion:164 Resp: 2186

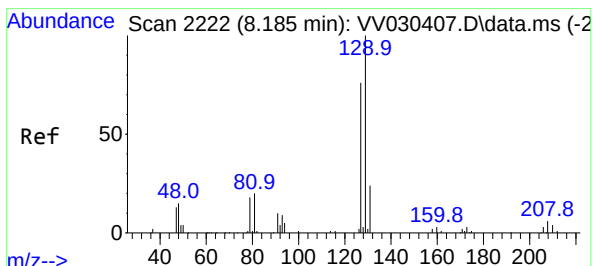
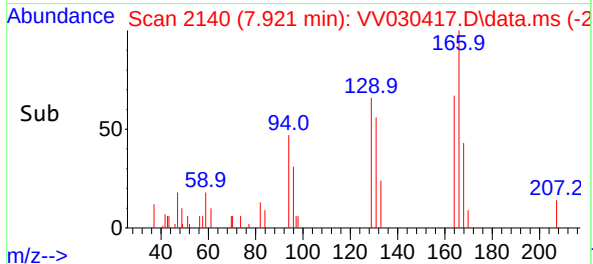
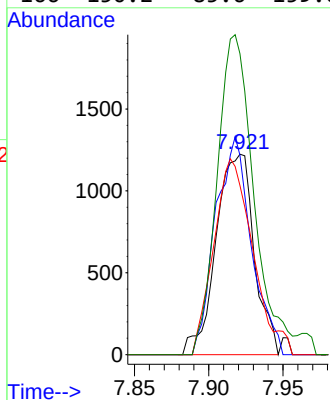
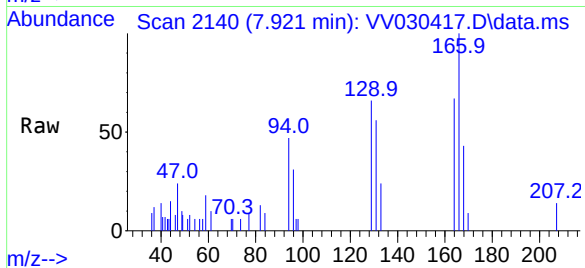
Ion Ratio Lower Upper

164 100

129 99.4 60.8 112.8

131 84.4 61.7 114.7

166 150.2 85.6 159.0



#49

Dibromochloromethane

Concen: 0.246 ug/L

RT: 7.918 min Scan# 2139

Delta R.T. -0.267 min

Lab File: VV030417.D

Acq: 06 Apr 2023 14:57

Tgt Ion:129 Resp: 2213

Ion Ratio Lower Upper

129 100

127 0.0 52.7 97.9#

