

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041223\
 Data File : VV030517.D
 Acq On : 12 Apr 2023 14:56
 Operator : SY/MD
 Sample : 02254-03DL 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA2DL

Quant Time: Apr 13 02:49:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 13 02:44:31 2023
 Response via : Initial Calibration

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

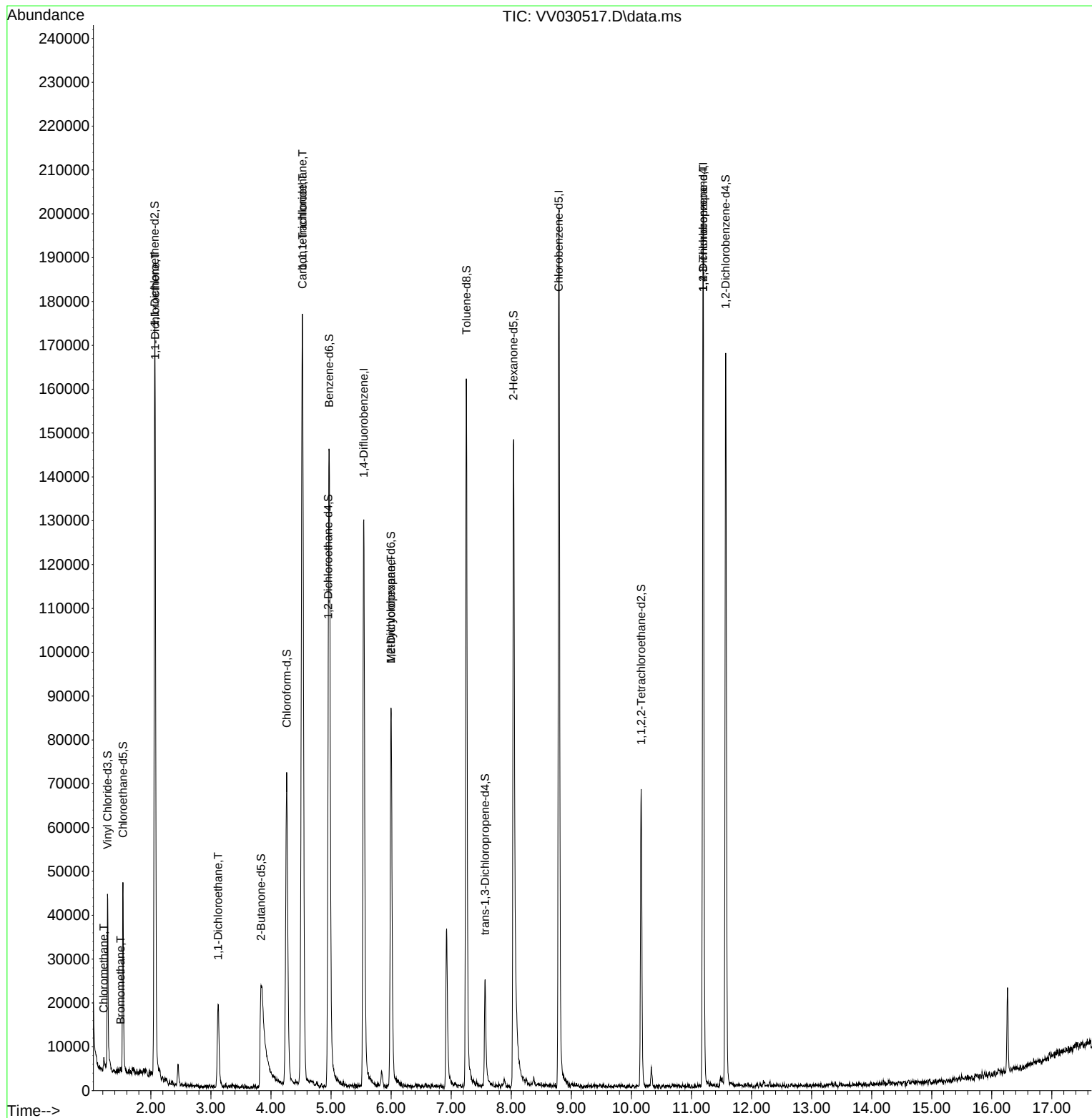
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	110296	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	110874	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	53074	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	26707	3.656	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.200%
7) Chloroethane-d5	1.535	69	26430	3.728	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.600%
11) 1,1-Dichloroethene-d2	2.063	63	67797	3.911	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.200%
20) 2-Butanone-d5	3.834	46	74055	39.222	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.440%
24) Chloroform-d	4.262	84	71483	4.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
26) 1,2-Dichloroethane-d4	4.953	65	37931	4.547	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	4.969	84	128861	4.124	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	5.998	67	40682	4.159	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.200%
41) Toluene-d8	7.252	98	108789	3.792	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.800%
43) trans-1,3-Dichloroprop...	7.564	79	13556	3.681	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.600%
46) 2-Hexanone-d5	8.037	63	58085	39.250	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.500%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	30741	3.988	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	42994	4.532	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
3) Chloromethane	1.217	50	1610	0.091	ug/L #	83
6) Bromomethane	1.497	94	345	0.094	ug/L	71
12) 1,1-Dichloroethene	2.072	96	29277	3.177	ug/L	92
19) 1,1-Dichloroethane	3.121	63	18299	0.972	ug/L	92
29) 1,1,1-Trichloroethane	4.522	97	145815	8.182	ug/L	100
31) Carbon tetrachloride	4.526	117	17553	1.086	ug/L	99
35) Methylcyclohexane	5.998	83	10199	0.612	ug/L #	16
61) 1,2,3-Trichloropropane	11.194	75	6185	1.303	ug/L #	64

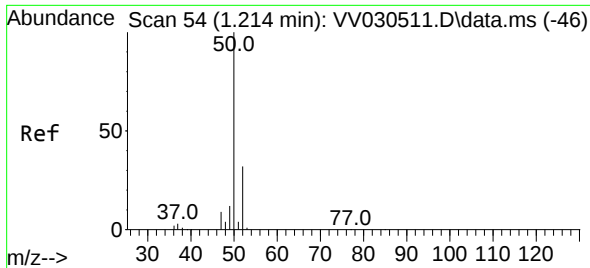
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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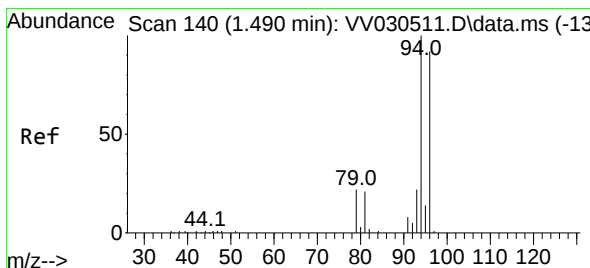
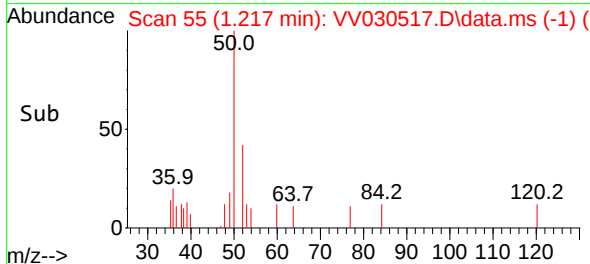
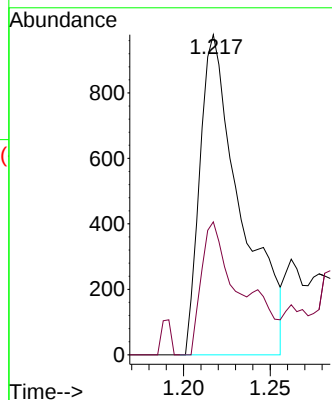
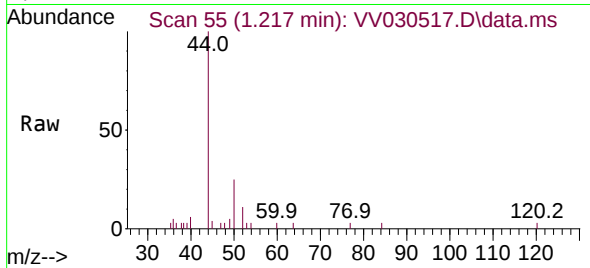




#3
Chloromethane
Concen: 0.091 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV030517.D
Acq: 12 Apr 2023 14:56

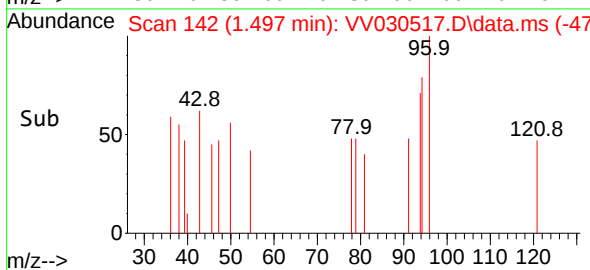
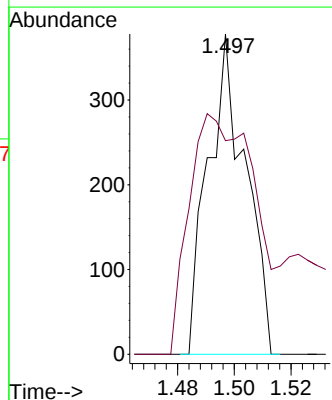
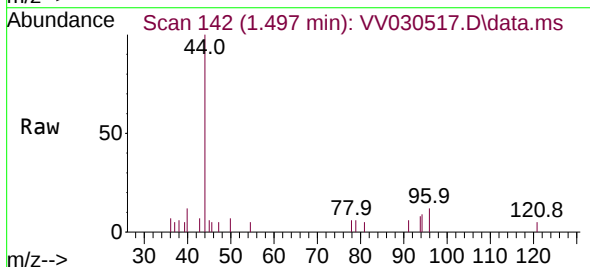
Instrument :
MSVOA_V
ClientSampleId :
C0AA2DL

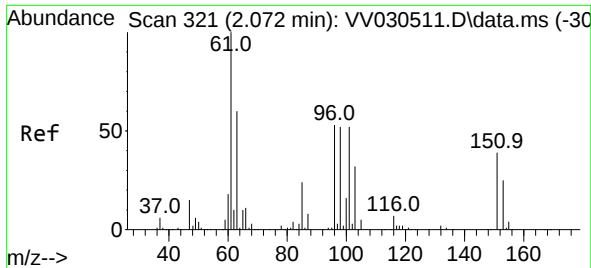
Tgt Ion: 50 Resp: 1610
Ion Ratio Lower Upper
50 100
52 41.5 22.3 41.5#



#6
Bromomethane
Concen: 0.094 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.006 min
Lab File: VV030517.D
Acq: 12 Apr 2023 14:56

Tgt Ion: 94 Resp: 345
Ion Ratio Lower Upper
94 100
96 66.7 66.1 122.7

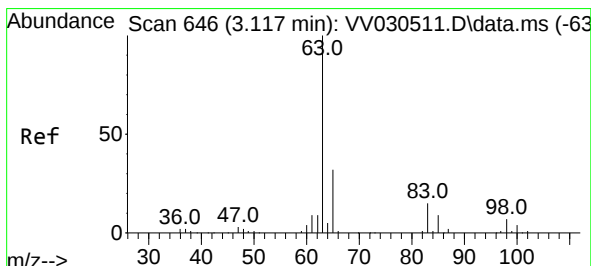
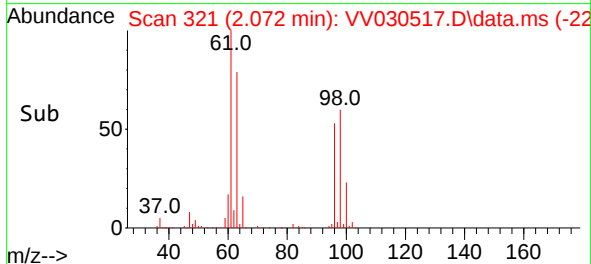
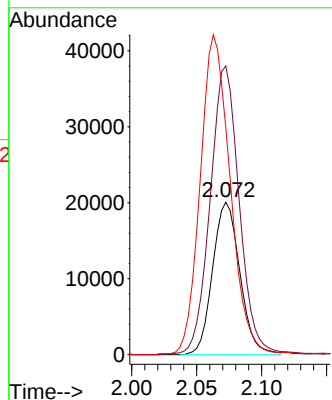
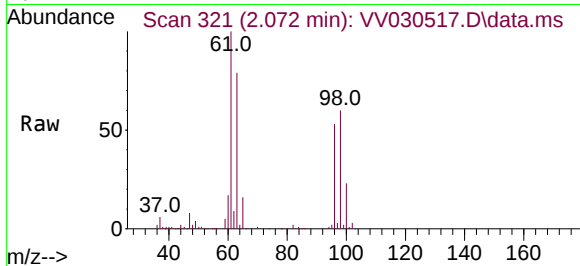




#12
 1,1-Dichloroethene
 Concen: 3.177 ug/L
 RT: 2.072 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV030517.D
 Acq: 12 Apr 2023 14:56

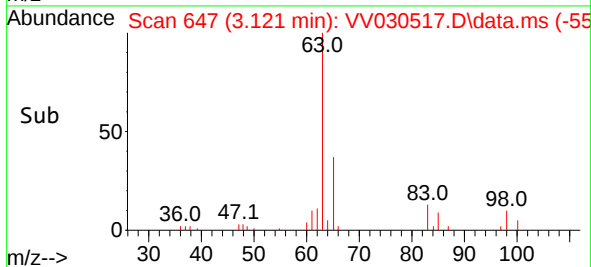
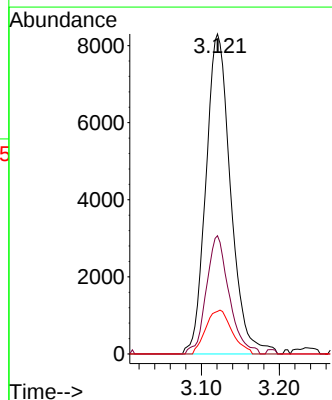
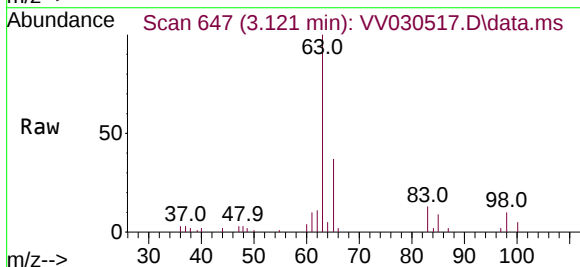
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA2DL

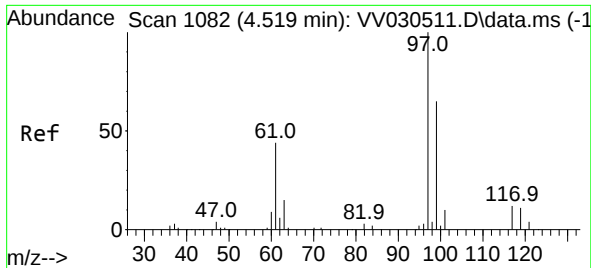
Tgt Ion: 96 Resp: 29277
 Ion Ratio Lower Upper
 96 100
 61 189.3 136.3 253.1
 63 148.7 92.1 171.1



#19
 1,1-Dichloroethane
 Concen: 0.972 ug/L
 RT: 3.121 min Scan# 647
 Delta R.T. 0.003 min
 Lab File: VV030517.D
 Acq: 12 Apr 2023 14:56

Tgt Ion: 63 Resp: 18299
 Ion Ratio Lower Upper
 63 100
 65 36.9 21.7 40.3
 83 13.3 9.1 16.9





#29

1,1,1-Trichloroethane

Concen: 8.182 ug/L

RT: 4.522 min Scan# 1083

Delta R.T. 0.003 min

Lab File: VV030517.D

Acq: 12 Apr 2023 14:56

Instrument :

MSVOA_V

ClientSampleId :

C0AA2DL

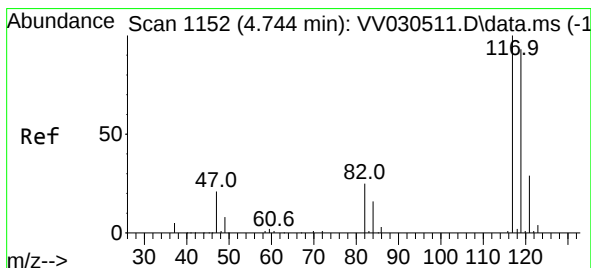
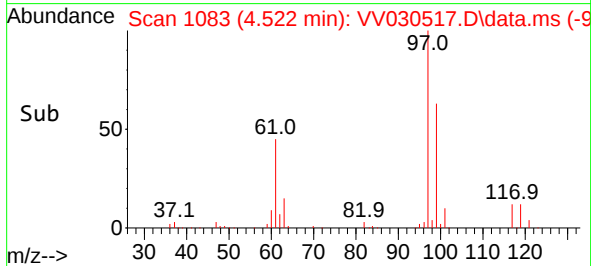
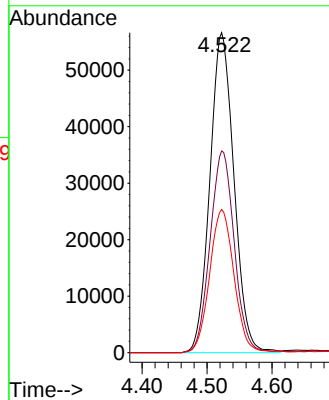
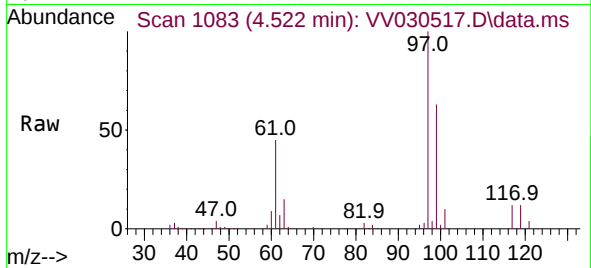
Tgt Ion: 97 Resp: 145815

Ion Ratio Lower Upper

97 100

99 63.4 50.9 76.3

61 45.2 35.9 53.9



#31

Carbon tetrachloride

Concen: 1.086 ug/L

RT: 4.526 min Scan# 1084

Delta R.T. -0.219 min

Lab File: VV030517.D

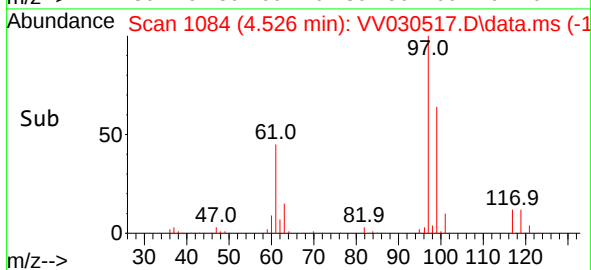
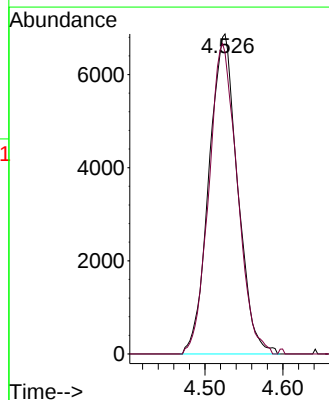
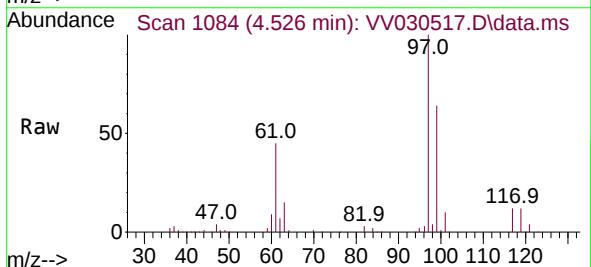
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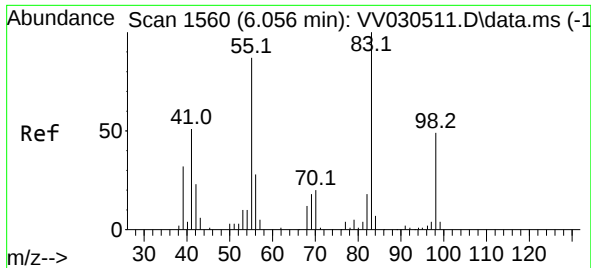
Tgt Ion: 117 Resp: 17553

Ion Ratio Lower Upper

117 100

119 96.2 76.2 114.4

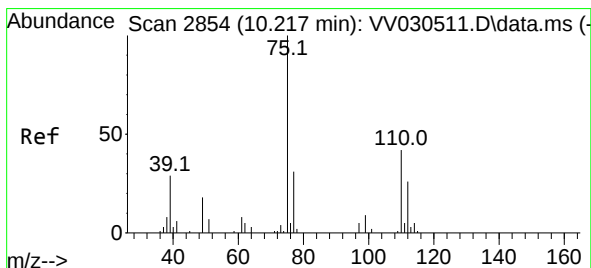
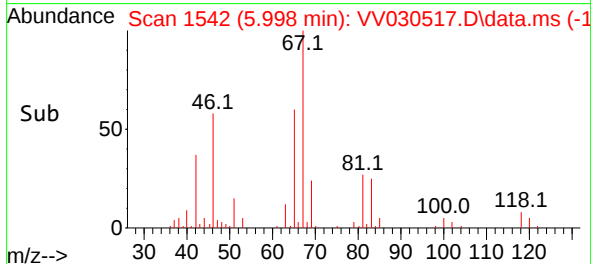
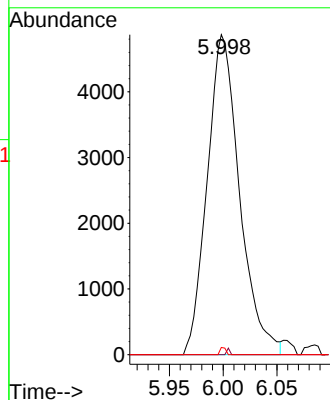
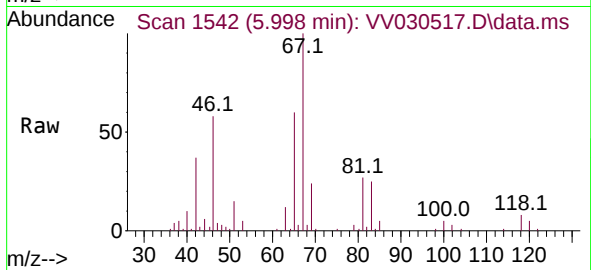




#35
Methylcyclohexane
Concen: 0.612 ug/L
RT: 5.998 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV030517.D
Acq: 12 Apr 2023 14:56

Instrument :
MSVOA_V
ClientSampleId :
C0AA2DL

Tgt Ion: 83 Resp: 10199
Ion Ratio Lower Upper
83 100
55 0.2 66.6 100.0#
98 0.4 38.6 58.0#



#61
1,2,3-Trichloropropane
Concen: 1.303 ug/L
RT: 11.194 min Scan# 3158
Delta R.T. 0.977 min
Lab File: VV030517.D
Acq: 12 Apr 2023 14:56

Tgt Ion: 75 Resp: 6185
Ion Ratio Lower Upper
75 100
77 36.7 26.0 39.0
110 3.5 31.6 47.4#

