

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040623\
 Data File : VV030420.D
 Acq On : 06 Apr 2023 16:07
 Operator : SY/MD
 Sample : 02225-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC9

Quant Time: Apr 07 04:51:20 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)

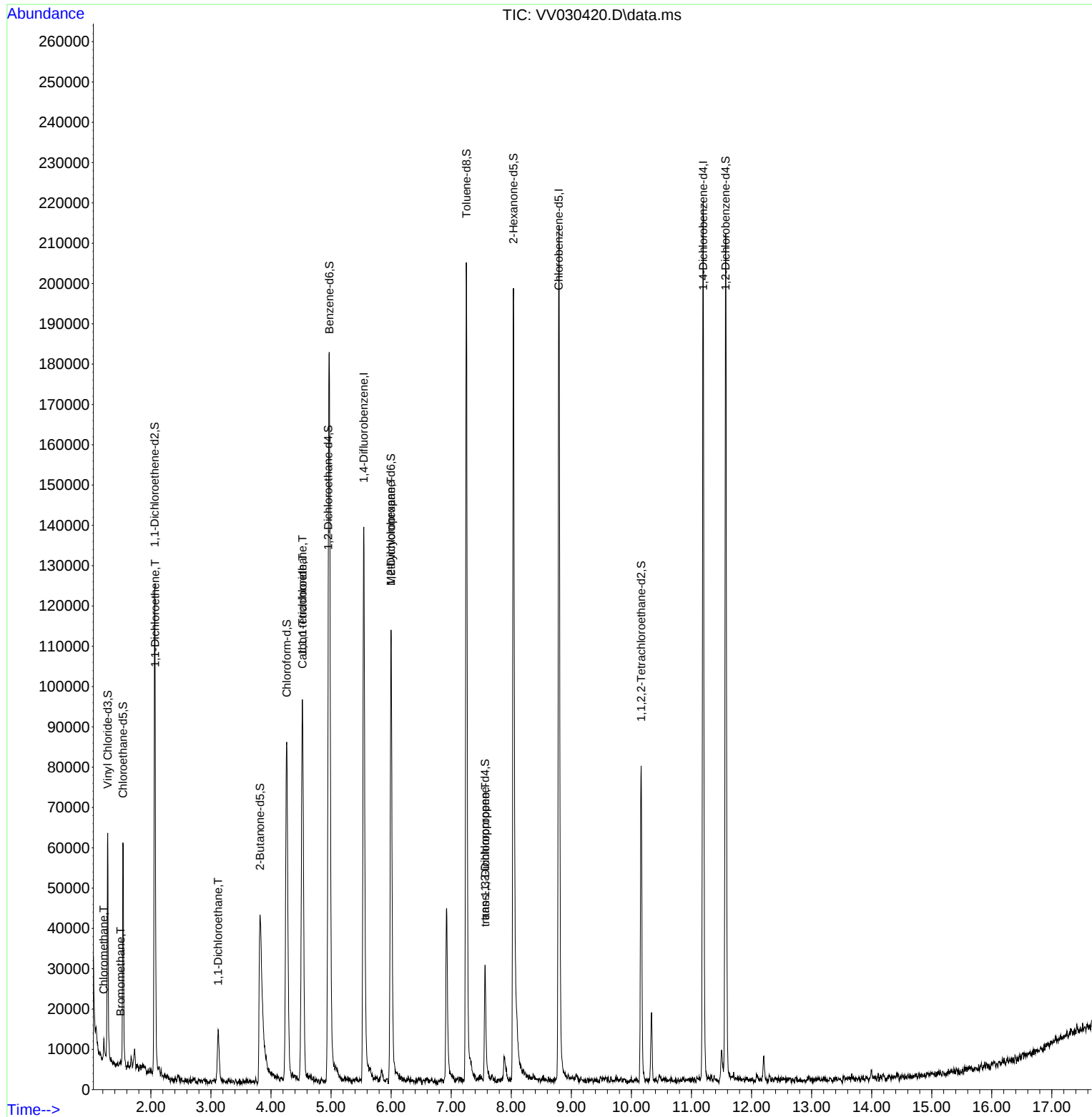
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	118696	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	118109	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	57940	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	35275	4.487	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.536	69	35505	4.654	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.063	63	65502	3.511	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	3.818	46	92872	45.707	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.420%
24) Chloroform-d	4.262	84	89192	4.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	4.953	65	45189	5.034	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	4.973	84	160363	4.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	5.998	67	50414	4.838	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.252	98	138157	4.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	7.564	79	16870	4.300	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.037	63	69897	44.338	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.680%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	36797	4.481	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	11.570	152	54506	5.263	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds						
3) Chloromethane	1.217	50	3870	0.203	ug/L	96
6) Bromomethane	1.497	94	671	0.169	ug/L	90
12) 1,1-Dichloroethene	2.072	96	3193	0.322	ug/L #	1
19) 1,1-Dichloroethane	3.121	63	12442	0.614	ug/L	94
29) 1,1,1-Trichloroethane	4.523	97	76631	4.037	ug/L	99
31) Carbon tetrachloride	4.526	117	9770	0.567	ug/L	100
35) Methylcyclohexane	5.998	83	12991	0.732	ug/L #	17
44) trans-1,3-Dichloropropene	7.567	75	1098	0.085	ug/L #	64

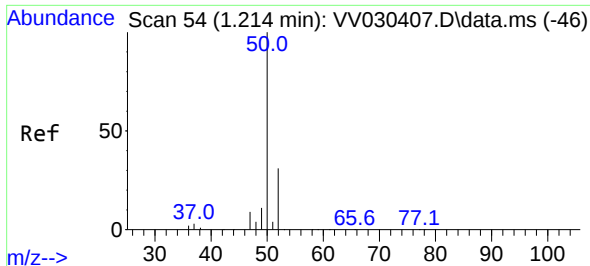
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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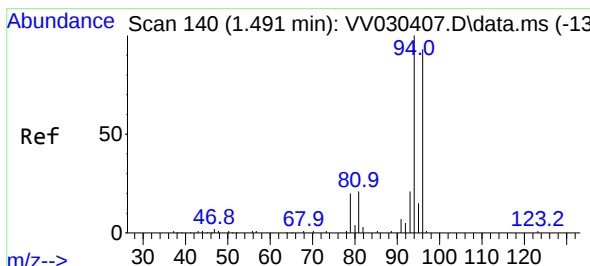
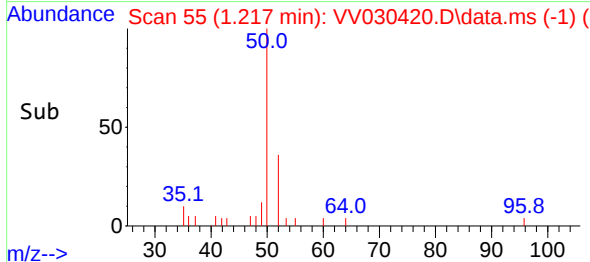
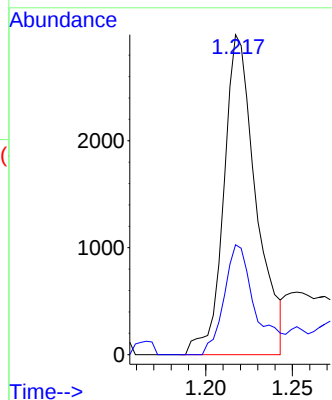
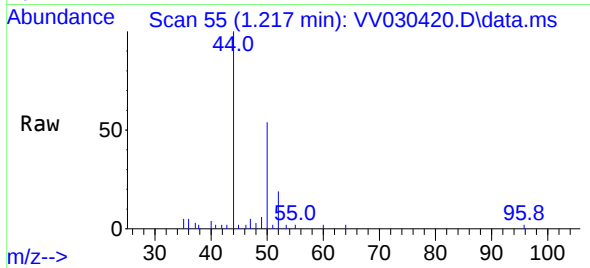




#3
Chloromethane
Concen: 0.203 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030420.D
Acq: 06 Apr 2023 16:07

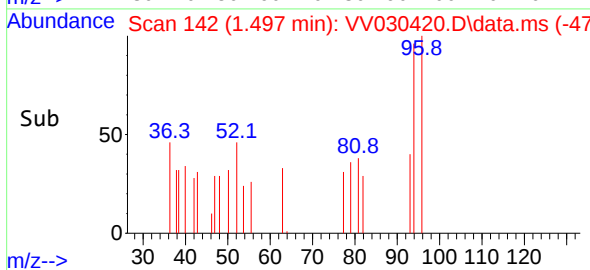
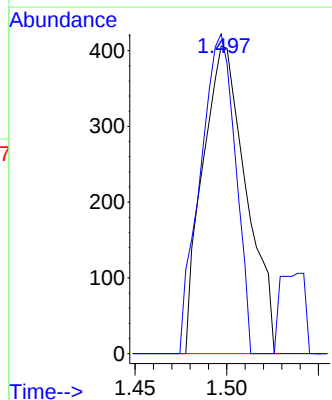
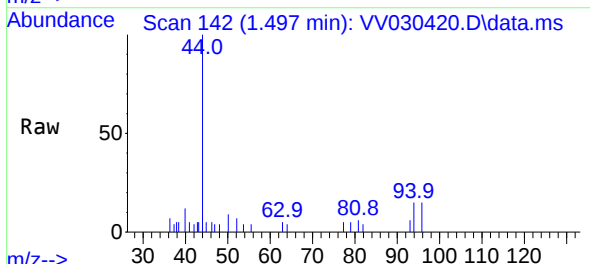
Instrument :
MSVOA_V
ClientSampleId :
C0AC9

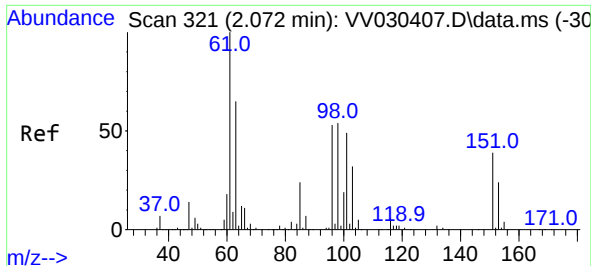
Tgt Ion: 50 Resp: 3870
Ion Ratio Lower Upper
50 100
52 34.3 22.3 41.5



#6
Bromomethane
Concen: 0.169 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.006 min
Lab File: VV030420.D
Acq: 06 Apr 2023 16:07

Tgt Ion: 94 Resp: 671
Ion Ratio Lower Upper
94 100
96 103.9 66.1 122.7

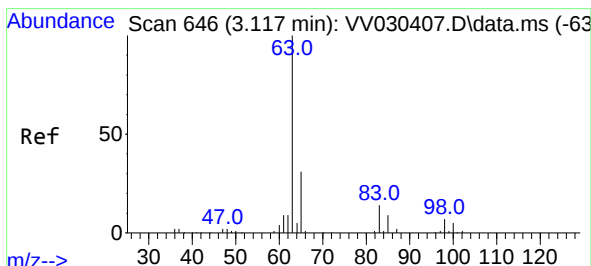
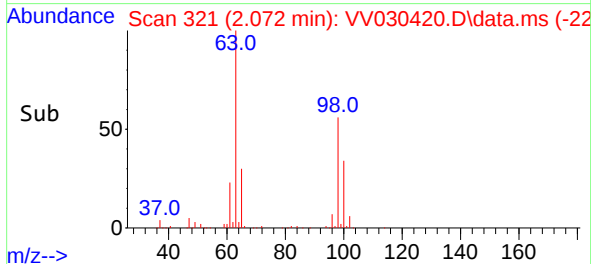
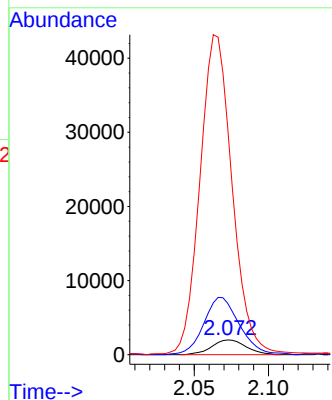
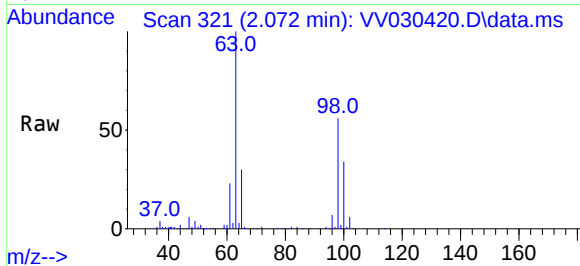




#12
1,1-Dichloroethene
Concen: 0.322 ug/L
RT: 2.072 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV030420.D
Acq: 06 Apr 2023 16:07

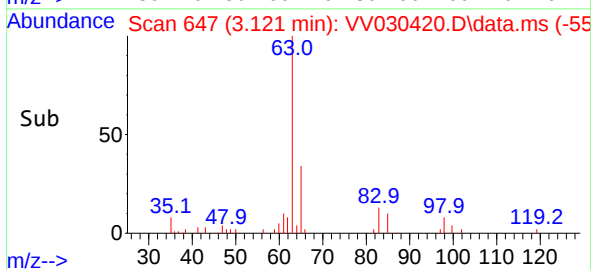
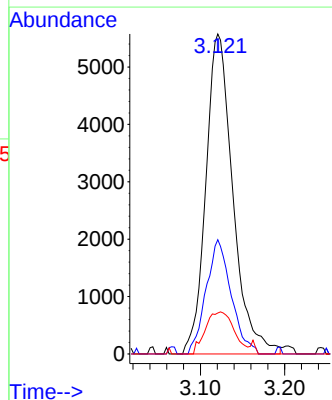
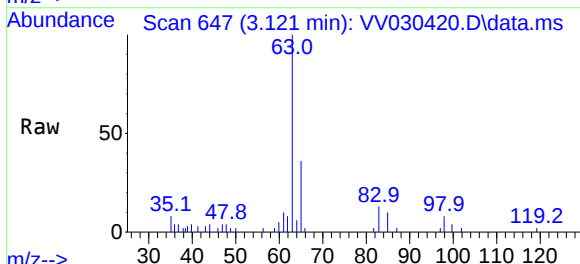
Instrument :
MSVOA_V
ClientSampleId :
C0AC9

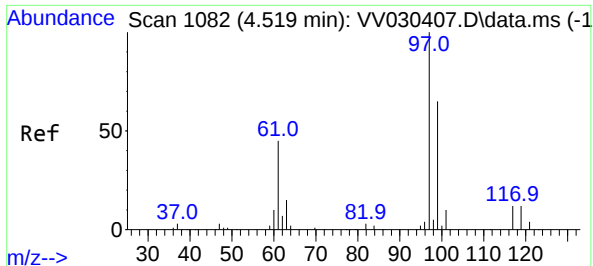
Tgt Ion: 96 Resp: 3193
Ion Ratio Lower Upper
96 100
61 347.2 136.3 253.1#
63 1535.5 92.1 171.1#



#19
1,1-Dichloroethane
Concen: 0.614 ug/L
RT: 3.121 min Scan# 647
Delta R.T. 0.003 min
Lab File: VV030420.D
Acq: 06 Apr 2023 16:07

Tgt Ion: 63 Resp: 12442
Ion Ratio Lower Upper
63 100
65 35.7 21.7 40.3
83 12.8 9.1 16.9





#29

1,1,1-Trichloroethane

Concen: 4.037 ug/L

RT: 4.523 min Scan# 1083

Delta R.T. -0.000 min

Lab File: VV030420.D

Acq: 06 Apr 2023 16:07

Instrument :

MSVOA_V

ClientSampleId :

C0AC9

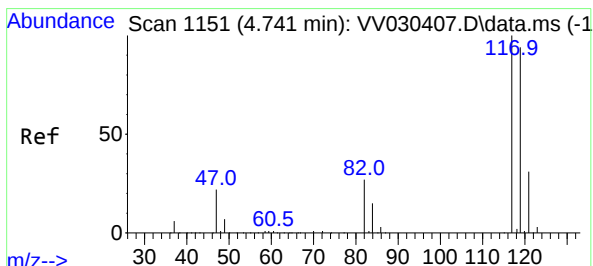
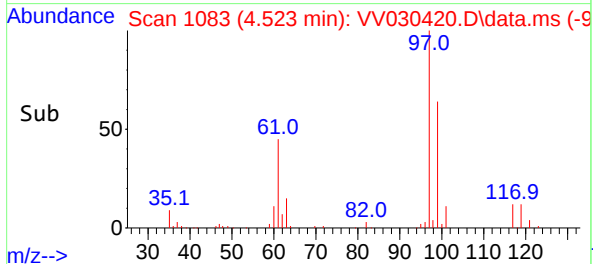
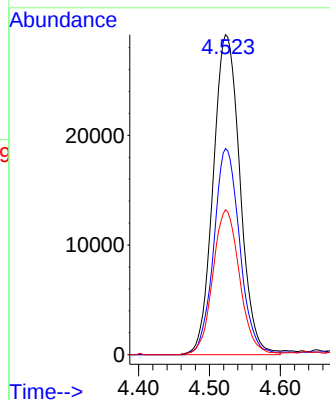
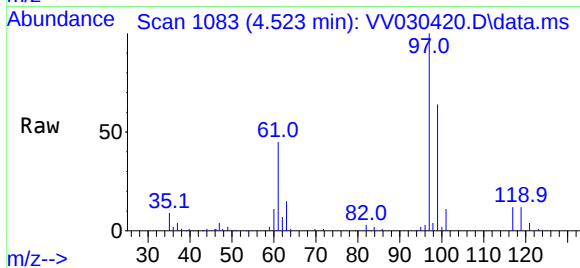
Tgt Ion: 97 Resp: 76631

Ion Ratio Lower Upper

97 100

99 62.5 50.9 76.3

61 45.4 35.9 53.9



#31

Carbon tetrachloride

Concen: 0.567 ug/L

RT: 4.526 min Scan# 1084

Delta R.T. -0.219 min

Lab File: VV030420.D

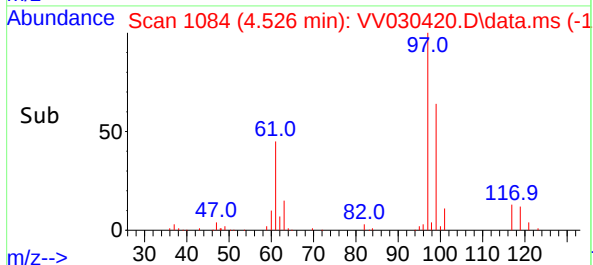
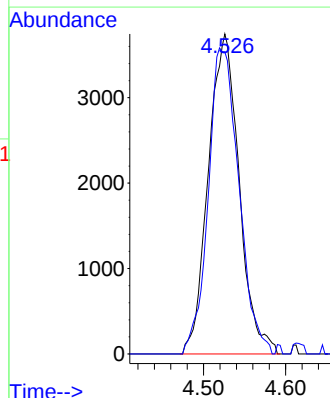
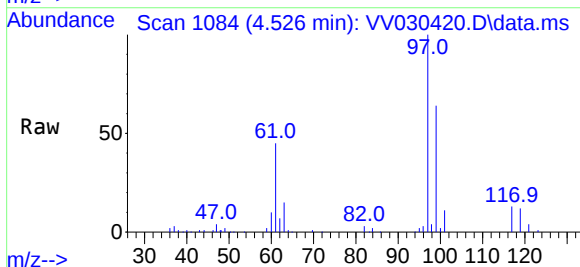
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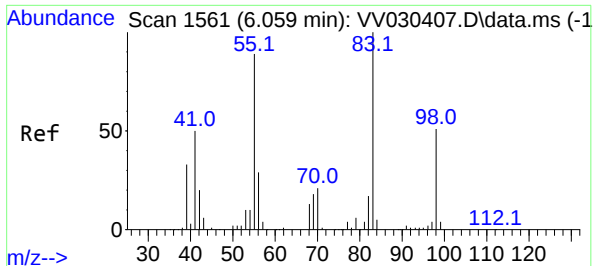
Tgt Ion: 117 Resp: 9770

Ion Ratio Lower Upper

117 100

119 95.0 76.2 114.4

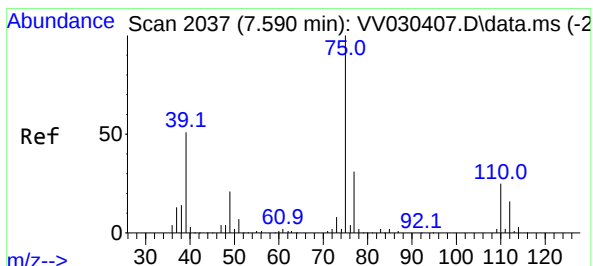
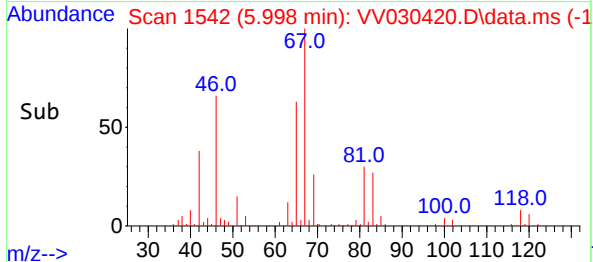
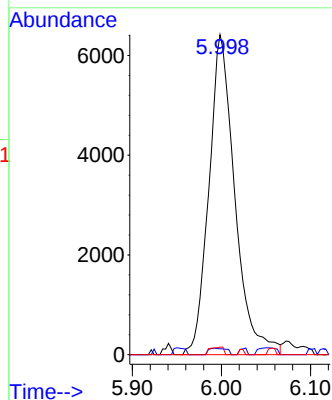
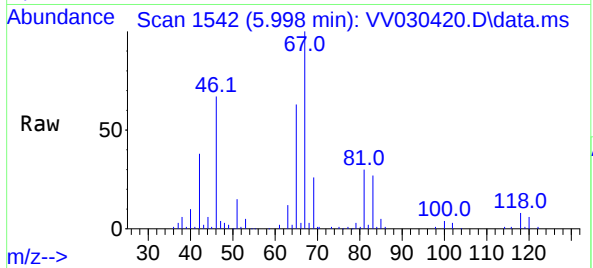




#35
Methylcyclohexane
Concen: 0.732 ug/L
RT: 5.998 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV030420.D
Acq: 06 Apr 2023 16:07

Instrument :
MSVOA_V
ClientSampleId :
C0AC9

Tgt Ion: 83 Resp: 12991
Ion Ratio Lower Upper
83 100
55 1.4 66.6 100.0#
98 1.2 38.6 58.0#



#44
trans-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.567 min Scan# 2030
Delta R.T. -0.023 min
Lab File: VV030420.D
Acq: 06 Apr 2023 16:07

Tgt Ion: 75 Resp: 1098
Ion Ratio Lower Upper
75 100
77 50.1 21.2 39.4#

