

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040723\
 Data File : VV030438.D
 Acq On : 07 Apr 2023 13:19
 Operator : SY/MD
 Sample : 02225-02DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB8DL

Quant Time: Apr 10 03:55:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 10 03:52:52 2023
 Response via : Initial Calibration

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

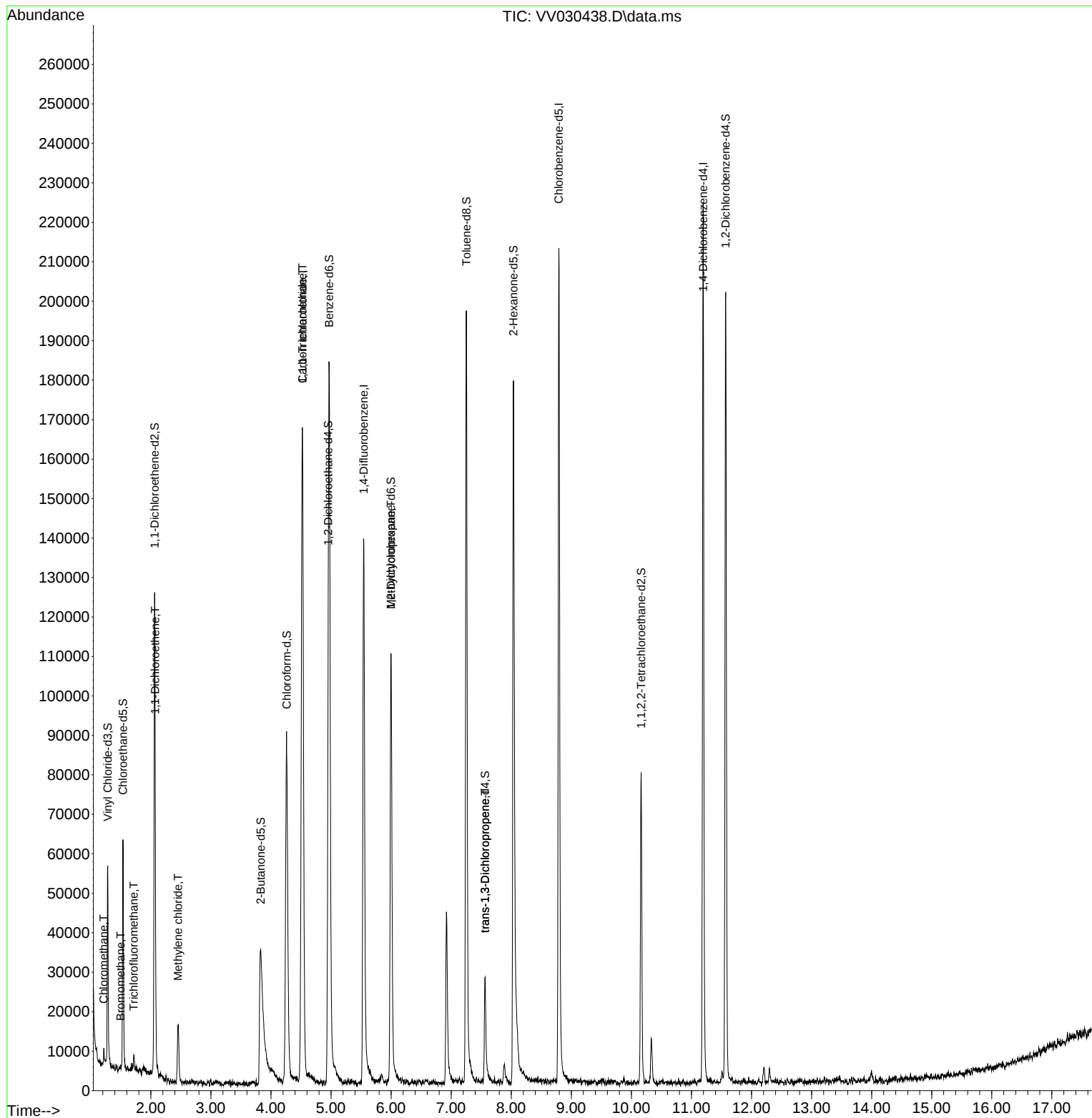
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	118681	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	115421	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	58303	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	33844	4.306	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.536	69	35034	4.593	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.063	63	64071	3.435	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.800%
20) 2-Butanone-d5	3.828	46	90560	44.575	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.140%
24) Chloroform-d	4.262	84	90837	4.775	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	4.953	65	46890	5.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	4.969	84	158454	4.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	5.998	67	48857	4.798	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.252	98	136495	4.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	7.564	79	16477	4.298	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.037	63	68830	44.678	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.360%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	34653	4.318	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	11.570	152	51777	4.969	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	2841	0.149	ug/L	94
6) Bromomethane	1.497	94	497	0.126	ug/L	93
9) Trichlorofluoromethane	1.716	101	2206	0.109	ug/L	98
12) 1,1-Dichloroethene	2.072	96	3242	0.327	ug/L #	1
16) Methylene chloride	2.452	84	6174	0.526	ug/L	99
29) 1,1,1-Trichloroethane	4.523	97	136924	7.381	ug/L	100
31) Carbon tetrachloride	4.523	117	17536	1.042	ug/L	99
35) Methylcyclohexane	5.998	83	12876	0.742	ug/L #	17
44) trans-1,3-Dichloropropene	7.564	75	1087	0.086	ug/L #	72

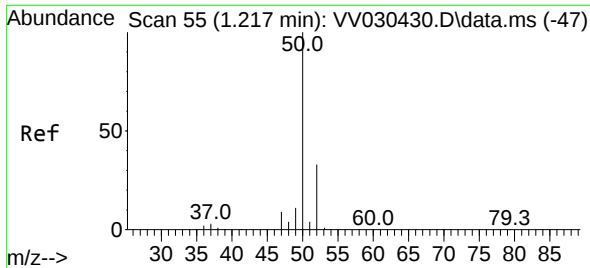
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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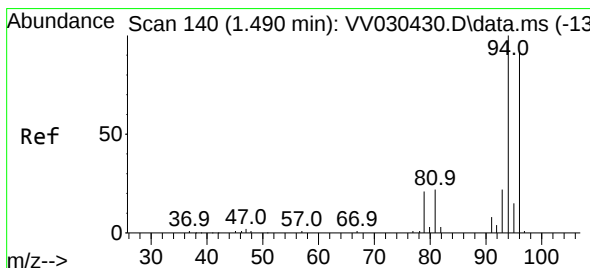
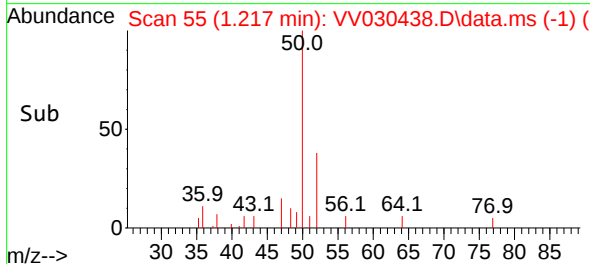
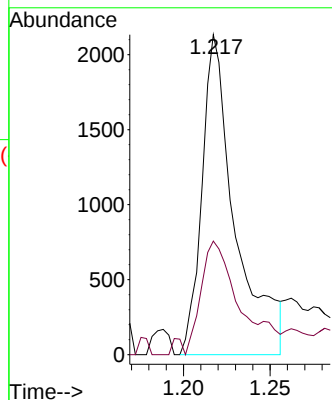
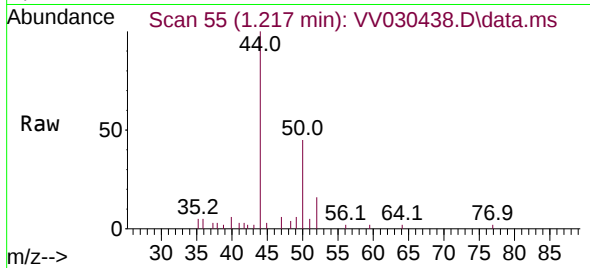




#3
Chloromethane
Concen: 0.149 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030438.D
Acq: 07 Apr 2023 13:19

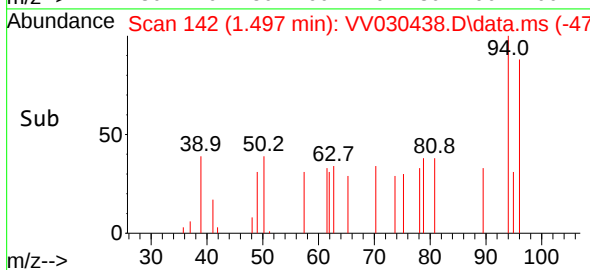
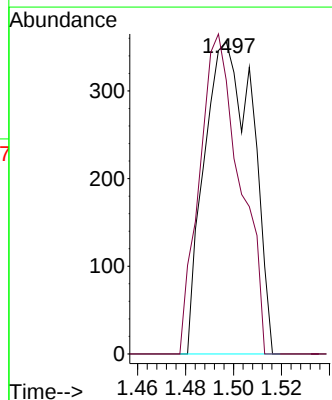
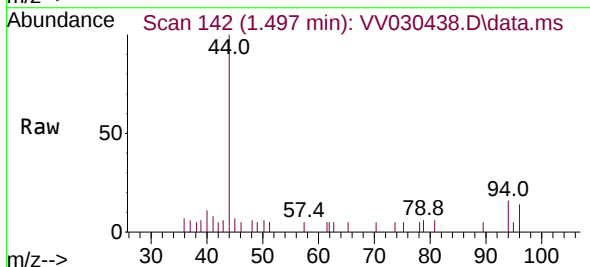
Instrument :
MSVOA_V
ClientSampleId :
C0AB8DL

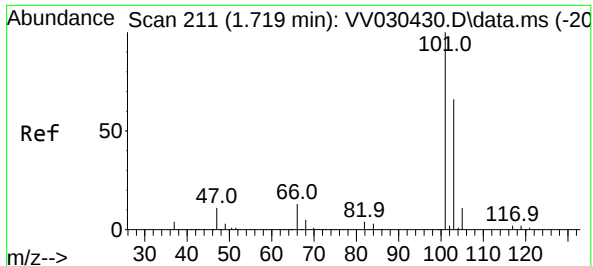
Tgt Ion: 50 Resp: 2841
Ion Ratio Lower Upper
50 100
52 35.5 22.3 41.5



#6
Bromomethane
Concen: 0.126 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.007 min
Lab File: VV030438.D
Acq: 07 Apr 2023 13:19

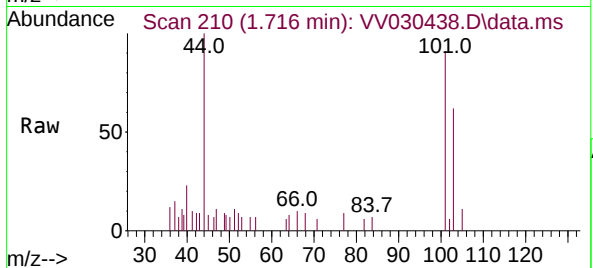
Tgt Ion: 94 Resp: 497
Ion Ratio Lower Upper
94 100
96 87.6 66.1 122.7



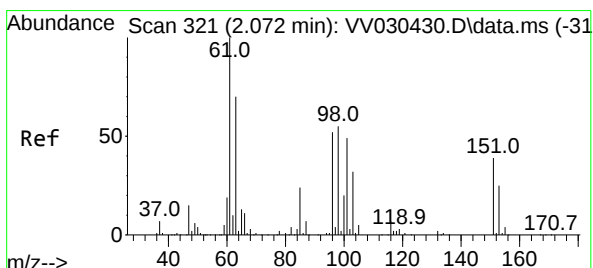
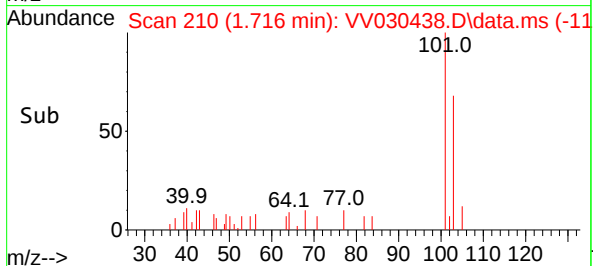
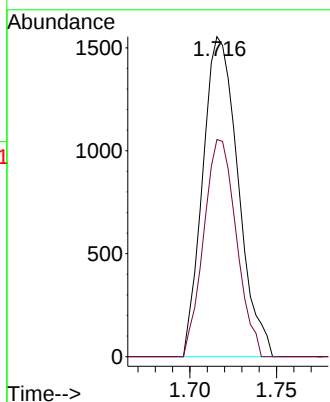


#9
 Trichlorofluoromethane
 Concen: 0.109 ug/L
 RT: 1.716 min Scan# 211
 Delta R.T. -0.003 min
 Lab File: VV030438.D
 Acq: 07 Apr 2023 13:19

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB8DL

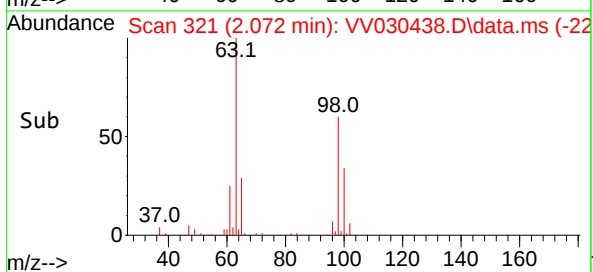
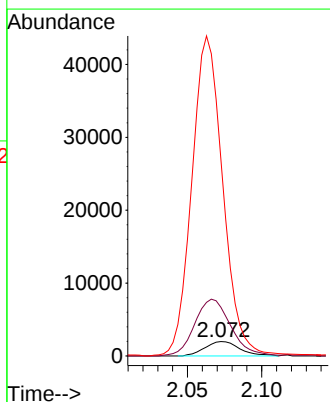
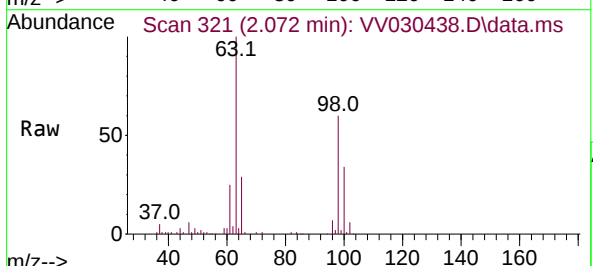


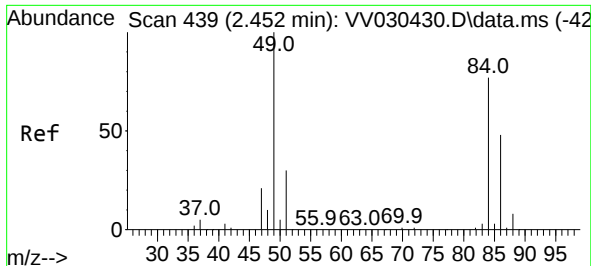
Tgt Ion:101 Resp: 2206
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.0 76.6



#12
 1,1-Dichloroethene
 Concen: 0.327 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV030438.D
 Acq: 07 Apr 2023 13:19

Tgt Ion: 96 Resp: 3242
 Ion Ratio Lower Upper
 96 100
 61 337.3 136.3 253.1#
 63 1364.0 92.1 171.1#

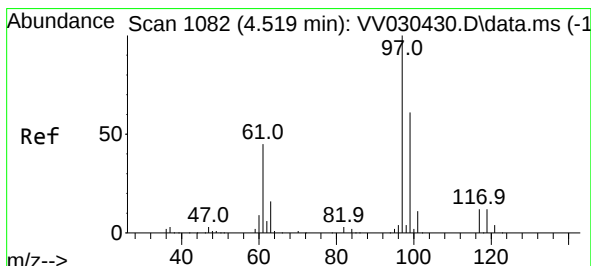
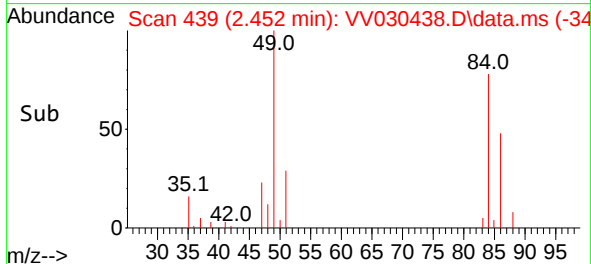
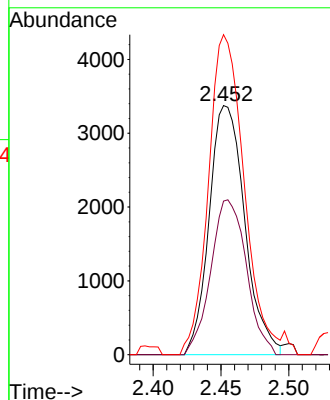
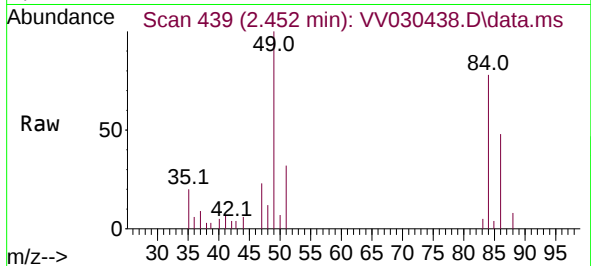




#16
Methylene chloride
Concen: 0.526 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV030438.D
Acq: 07 Apr 2023 13:19

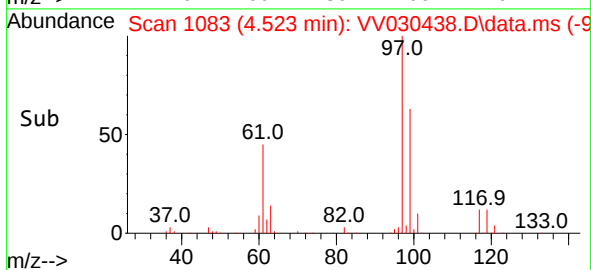
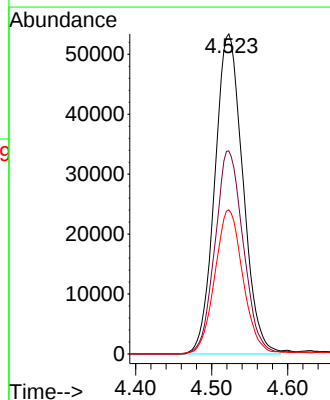
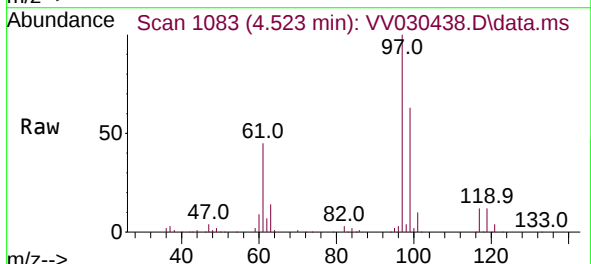
Instrument :
MSVOA_V
ClientSampleId :
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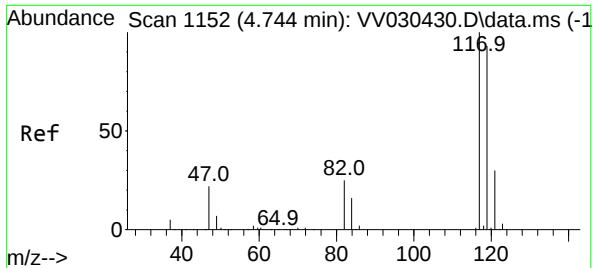
Tgt Ion: 84 Resp: 6174
Ion Ratio Lower Upper
84 100
86 61.6 44.0 81.6
49 128.5 90.6 168.3



#29
1,1,1-Trichloroethane
Concen: 7.381 ug/L
RT: 4.523 min Scan# 1083
Delta R.T. 0.003 min
Lab File: VV030438.D
Acq: 07 Apr 2023 13:19

Tgt Ion: 97 Resp: 136924
Ion Ratio Lower Upper
97 100
99 63.9 50.9 76.3
61 45.3 35.9 53.9

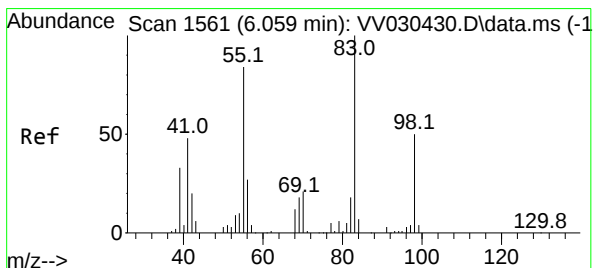
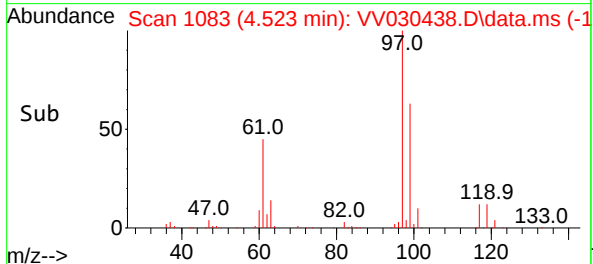
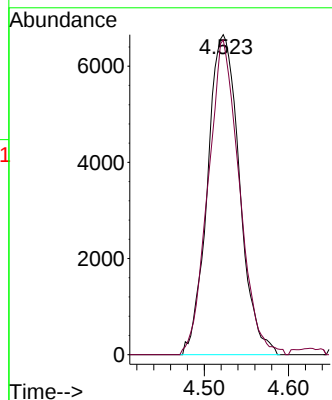
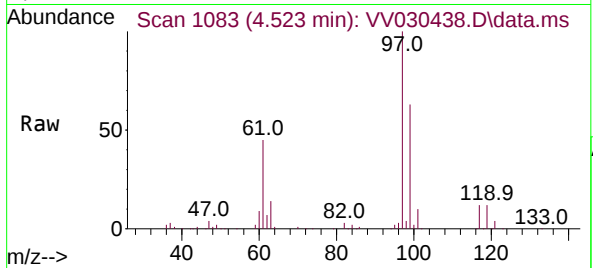




#31
Carbon tetrachloride
Concen: 1.042 ug/L
RT: 4.523 min Scan# 1152
Delta R.T. -0.222 min
Lab File: VV030438.D
Acq: 07 Apr 2023 13:19

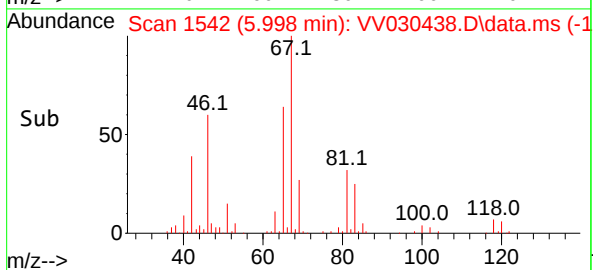
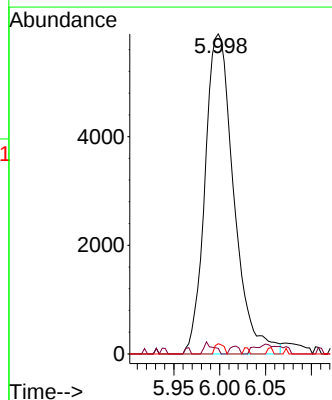
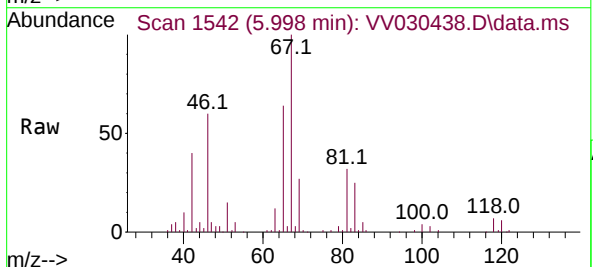
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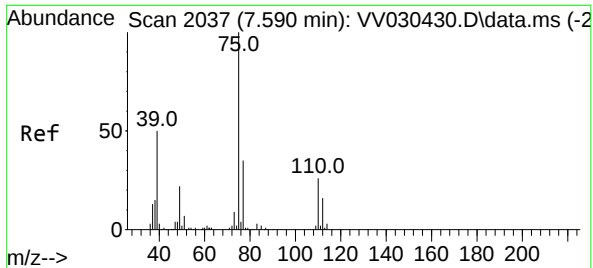
Tgt Ion:117 Resp: 17536
Ion Ratio Lower Upper
117 100
119 95.9 76.2 114.4



#35
Methylcyclohexane
Concen: 0.742 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.061 min
Lab File: VV030438.D
Acq: 07 Apr 2023 13:19

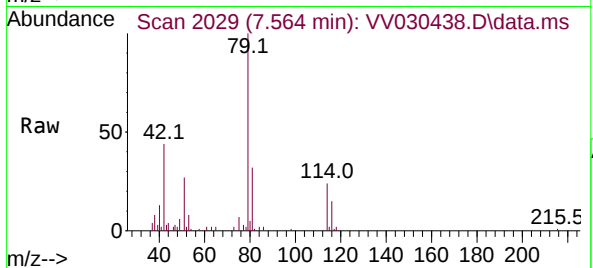
Tgt Ion: 83 Resp: 12876
Ion Ratio Lower Upper
83 100
55 1.2 66.6 100.0#
98 1.0 38.6 58.0#





#44
 trans-1,3-Dichloropropene
 Concen: 0.086 ug/L
 RT: 7.564 min Scan# 2037
 Delta R.T. -0.026 min
 Lab File: VV030438.D
 Acq: 07 Apr 2023 13:19

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Tgt Ion: 75 Resp: 1087
 Ion Ratio Lower Upper
 75 100
 77 45.6 21.2 39.4#

