

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040723\
 Data File : VV030441.D
 Acq On : 07 Apr 2023 14:29
 Operator : SY/MD
 Sample : 02225-08DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD5DL

Quant Time: Apr 10 03:56:44 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)

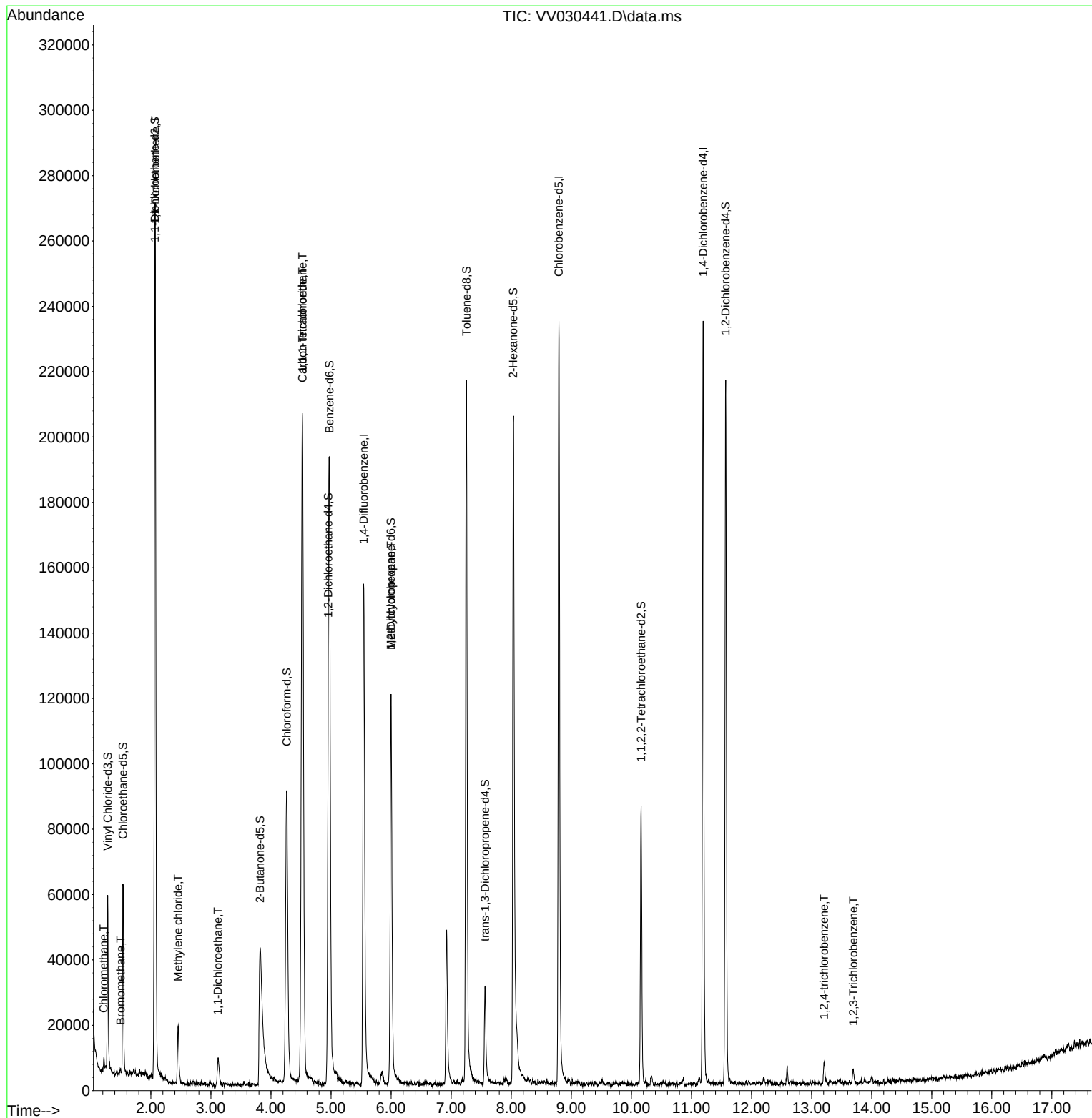
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	130972	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	130002	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	64134	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	35125	4.049	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.535	69	37277	4.428	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.066	63	95247	4.627	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.600%
20) 2-Butanone-d5	3.818	46	102225	45.594	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.180%
24) Chloroform-d	4.262	84	95075	4.529	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	4.953	65	48051	4.851	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	4.973	84	169682	4.632	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	5.998	67	54370	4.741	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.252	98	145059	4.312	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	7.564	79	17215	3.987	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.034	63	72053	41.525	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.040%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	38702	4.282	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.600%
66) 1,2-Dichlorobenzene-d4	11.570	152	56188	4.902	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	2782	0.132	ug/L	87
6) Bromomethane	1.494	94	436	0.100	ug/L #	69
12) 1,1-Dichloroethene	2.076	96	53615	4.899	ug/L	88
16) Methylene chloride	2.455	84	7192	0.556	ug/L	95
19) 1,1-Dichloroethane	3.117	63	7523	0.337	ug/L	97
29) 1,1,1-Trichloroethane	4.522	97	166569	7.972	ug/L	98
31) Carbon tetrachloride	4.526	117	21330	1.125	ug/L	100
35) Methylcyclohexane	5.998	83	13772	0.705	ug/L #	16
70) 1,2,4-trichlorobenzene	13.210	180	2044	0.146	ug/L	94
72) 1,2,3-Trichlorobenzene	13.696	180	1447	0.119	ug/L	94

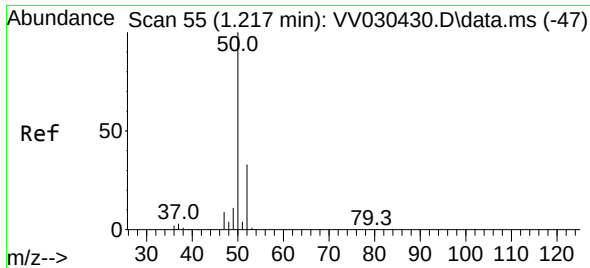
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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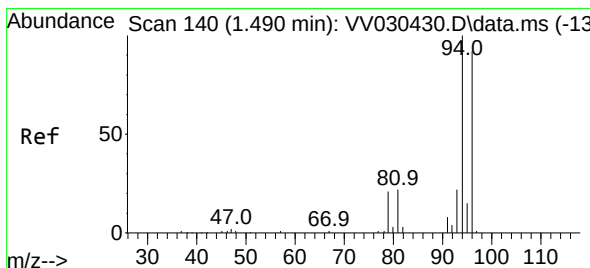
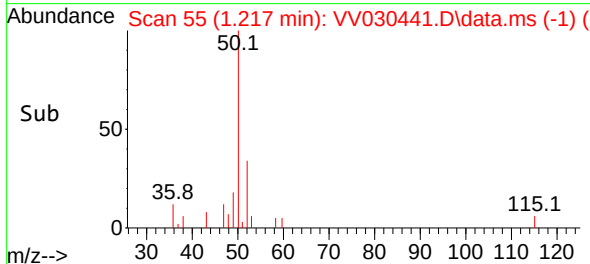
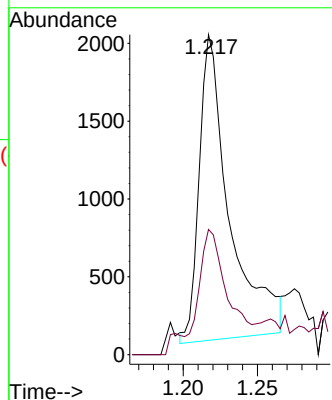
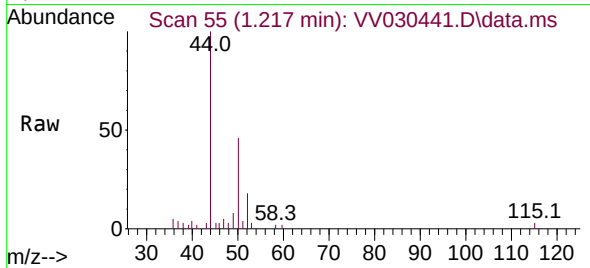




#3
Chloromethane
Concen: 0.132 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030441.D
Acq: 07 Apr 2023 14:29

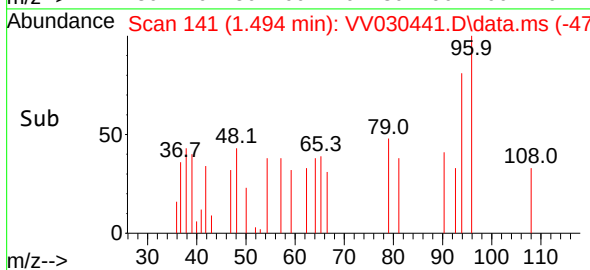
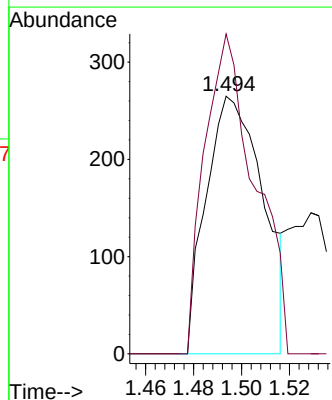
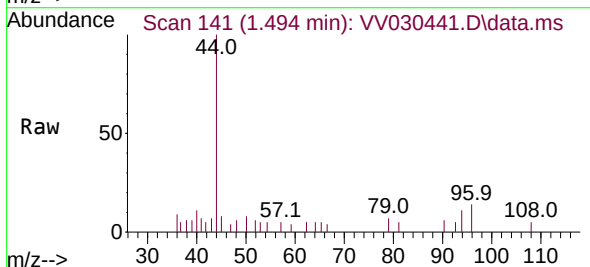
Instrument :
MSVOA_V
ClientSampleId :
C0AD5DL

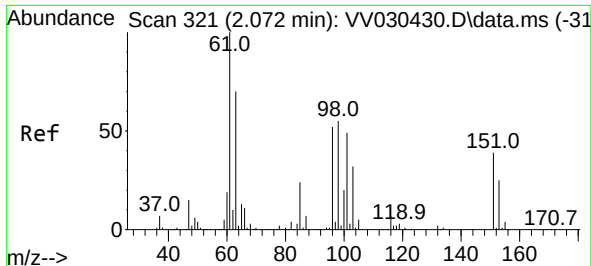
Tgt Ion: 50 Resp: 2782
Ion Ratio Lower Upper
50 100
52 39.2 22.3 41.5



#6
Bromomethane
Concen: 0.100 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV030441.D
Acq: 07 Apr 2023 14:29

Tgt Ion: 94 Resp: 436
Ion Ratio Lower Upper
94 100
96 124.2 66.1 122.7#

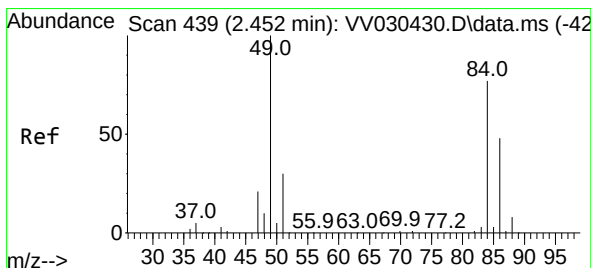
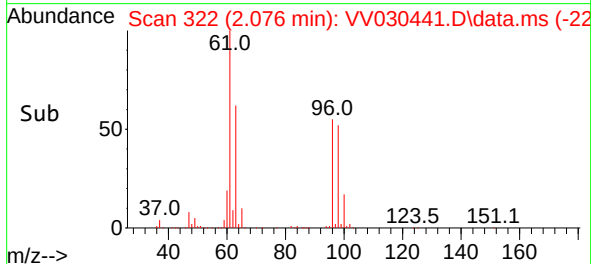
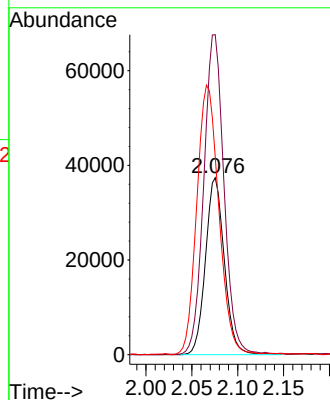
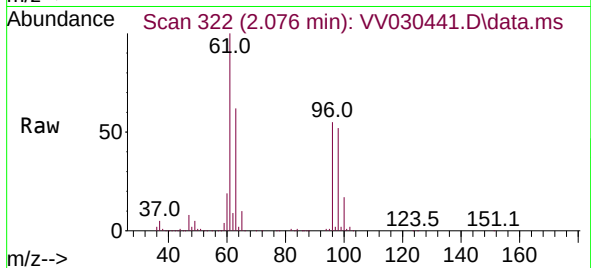




#12
1,1-Dichloroethene
Concen: 4.899 ug/L
RT: 2.076 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV030441.D
Acq: 07 Apr 2023 14:29

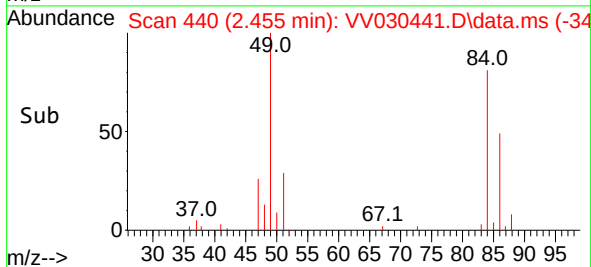
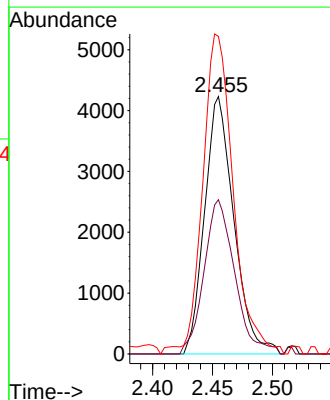
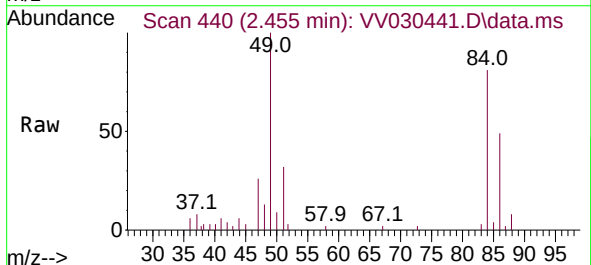
Instrument :
MSVOA_V
ClientSampleId :
C0AD5DL

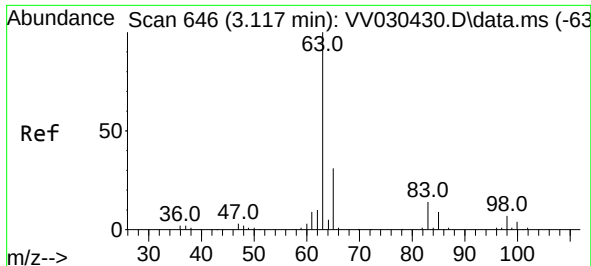
Tgt Ion: 96 Resp: 53615
Ion Ratio Lower Upper
96 100
61 180.8 136.3 253.1
63 111.7 92.1 171.1



#16
Methylene chloride
Concen: 0.556 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV030441.D
Acq: 07 Apr 2023 14:29

Tgt Ion: 84 Resp: 7192
Ion Ratio Lower Upper
84 100
86 59.9 44.0 81.6
49 123.4 90.6 168.3





#19

1,1-Dichloroethane

Concen: 0.337 ug/L

RT: 3.117 min Scan# 646

Delta R.T. -0.000 min

Lab File: VV030441.D

Acq: 07 Apr 2023 14:29

Instrument :

MSVOA_V

ClientSampleId :

C0AD5DL

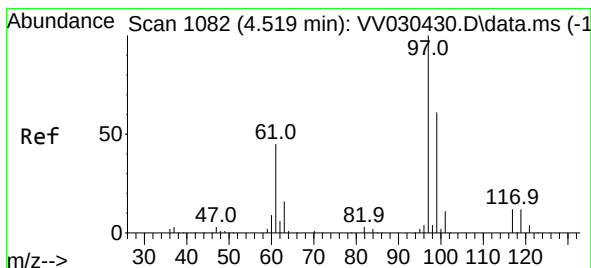
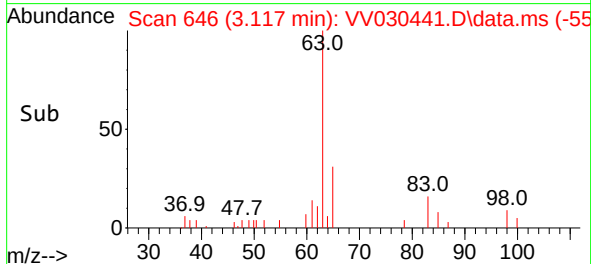
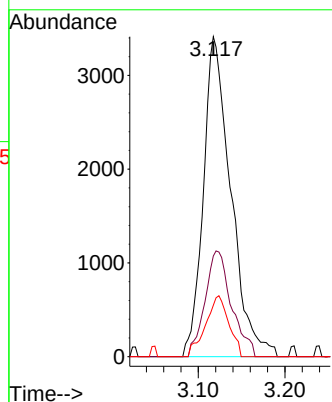
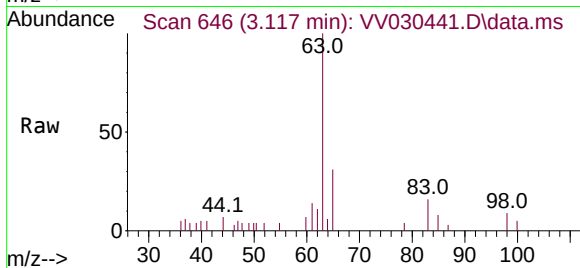
Tgt Ion: 63 Resp: 7523

Ion Ratio Lower Upper

63 100

65 31.4 21.7 40.3

83 16.1 9.1 16.9



#29

1,1,1-Trichloroethane

Concen: 7.972 ug/L

RT: 4.522 min Scan# 1083

Delta R.T. 0.003 min

Lab File: VV030441.D

Acq: 07 Apr 2023 14:29

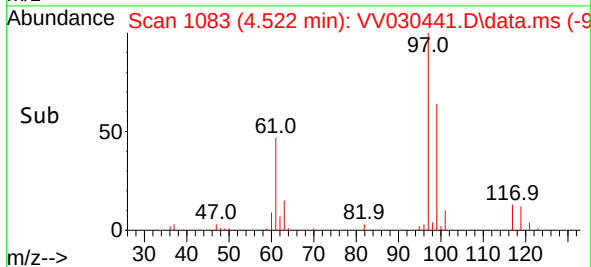
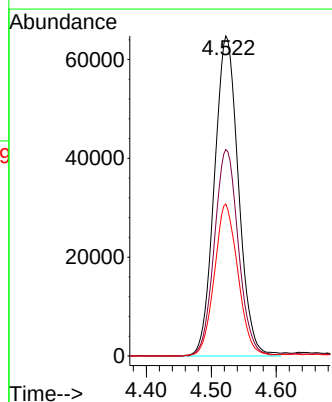
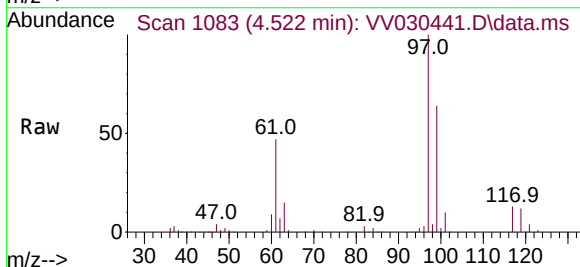
Tgt Ion: 97 Resp: 166569

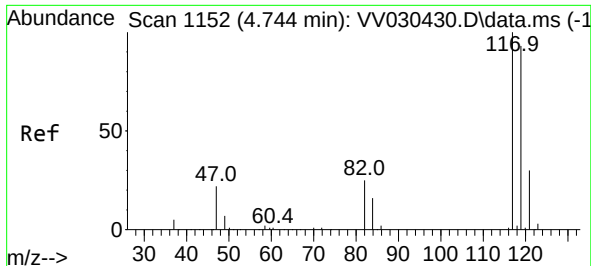
Ion Ratio Lower Upper

97 100

99 64.4 50.9 76.3

61 46.6 35.9 53.9

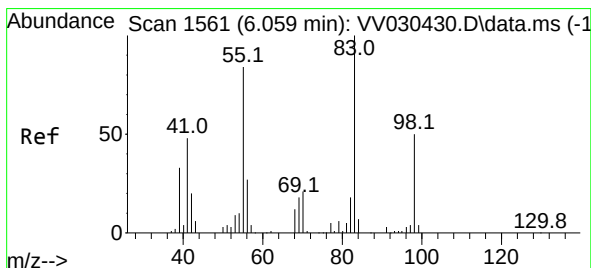
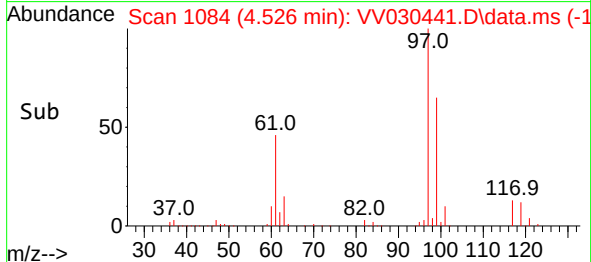
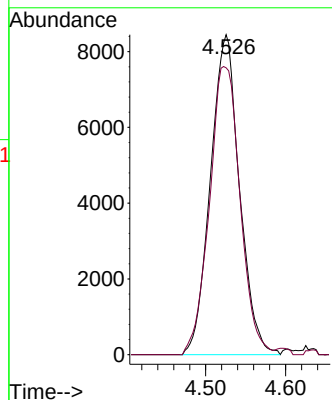
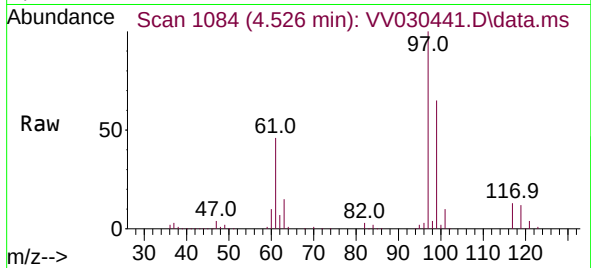




#31
Carbon tetrachloride
Concen: 1.125 ug/L
RT: 4.526 min Scan# 1152
Delta R.T. -0.219 min
Lab File: VV030441.D
Acq: 07 Apr 2023 14:29

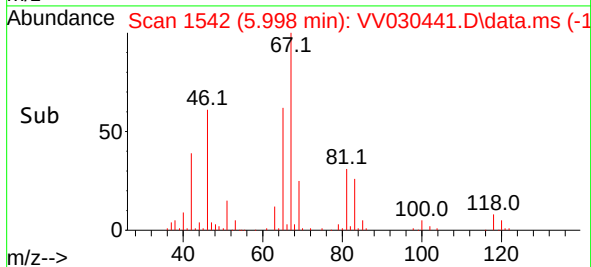
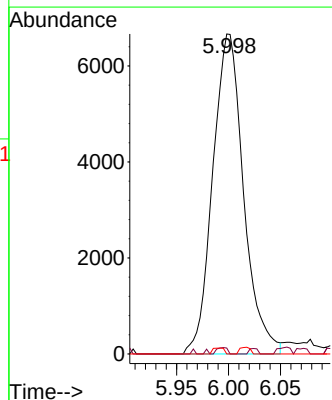
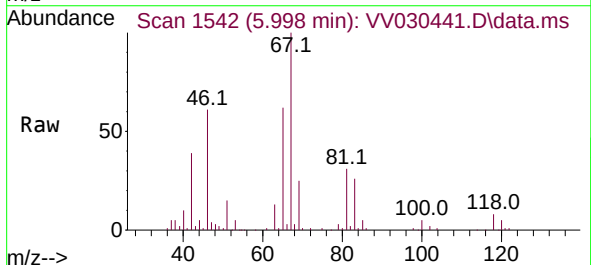
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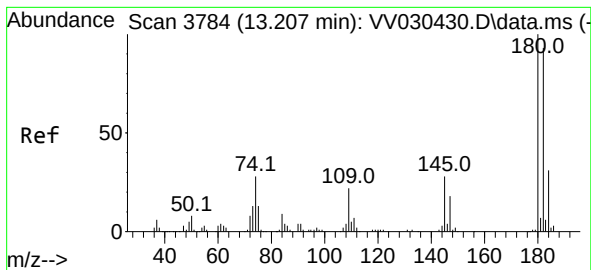
Tgt Ion:117 Resp: 21330
Ion Ratio Lower Upper
117 100
119 94.9 76.2 114.4



#35
Methylcyclohexane
Concen: 0.705 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.061 min
Lab File: VV030441.D
Acq: 07 Apr 2023 14:29

Tgt Ion: 83 Resp: 13772
Ion Ratio Lower Upper
83 100
55 0.7 66.6 100.0#
98 0.7 38.6 58.0#





#70

1,2,4-trichlorobenzene

Concen: 0.146 ug/L

RT: 13.210 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030441.D

Acq: 07 Apr 2023 14:29

Instrument :

MSVOA_V

ClientSampleId :

C0AD5DL

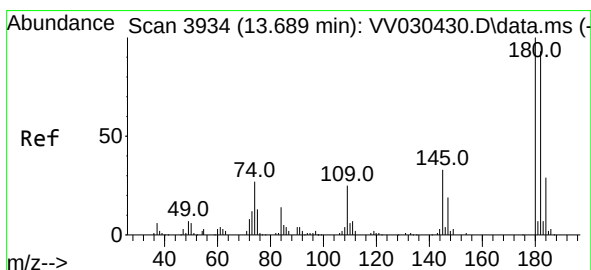
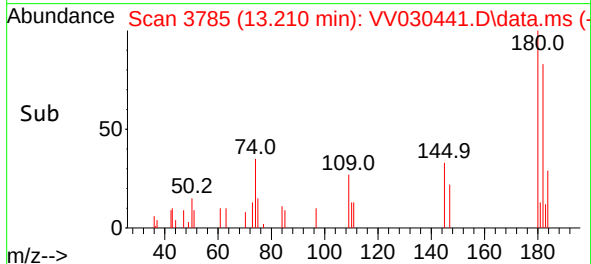
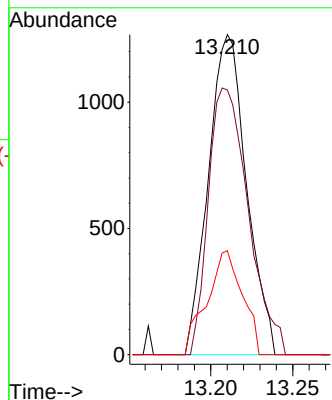
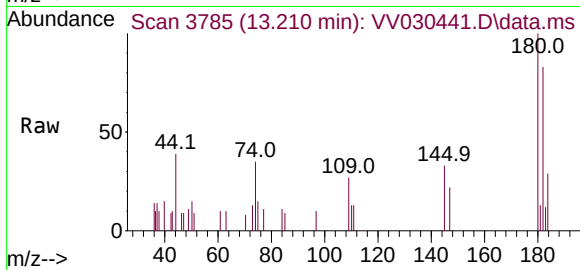
Tgt Ion:180 Resp: 2044

Ion Ratio Lower Upper

180 100

182 87.4 75.3 112.9

145 30.3 23.8 35.6



#72

1,2,3-Trichlorobenzene

Concen: 0.119 ug/L

RT: 13.696 min Scan# 3936

Delta R.T. 0.006 min

Lab File: VV030441.D

Acq: 07 Apr 2023 14:29

Tgt Ion:180 Resp: 1447

Ion Ratio Lower Upper

180 100

182 88.2 76.6 115.0

145 30.7 25.0 37.4

