

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063023\
 Data File : VU054718.D
 Acq On : 30 Jun 2023 13:29
 Operator : MD/SY
 Sample : 03477-10DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 HOA48DL

Quant Time: Jul 03 06:44:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jul 03 06:42:02 2023
 Response via : Initial Calibration

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

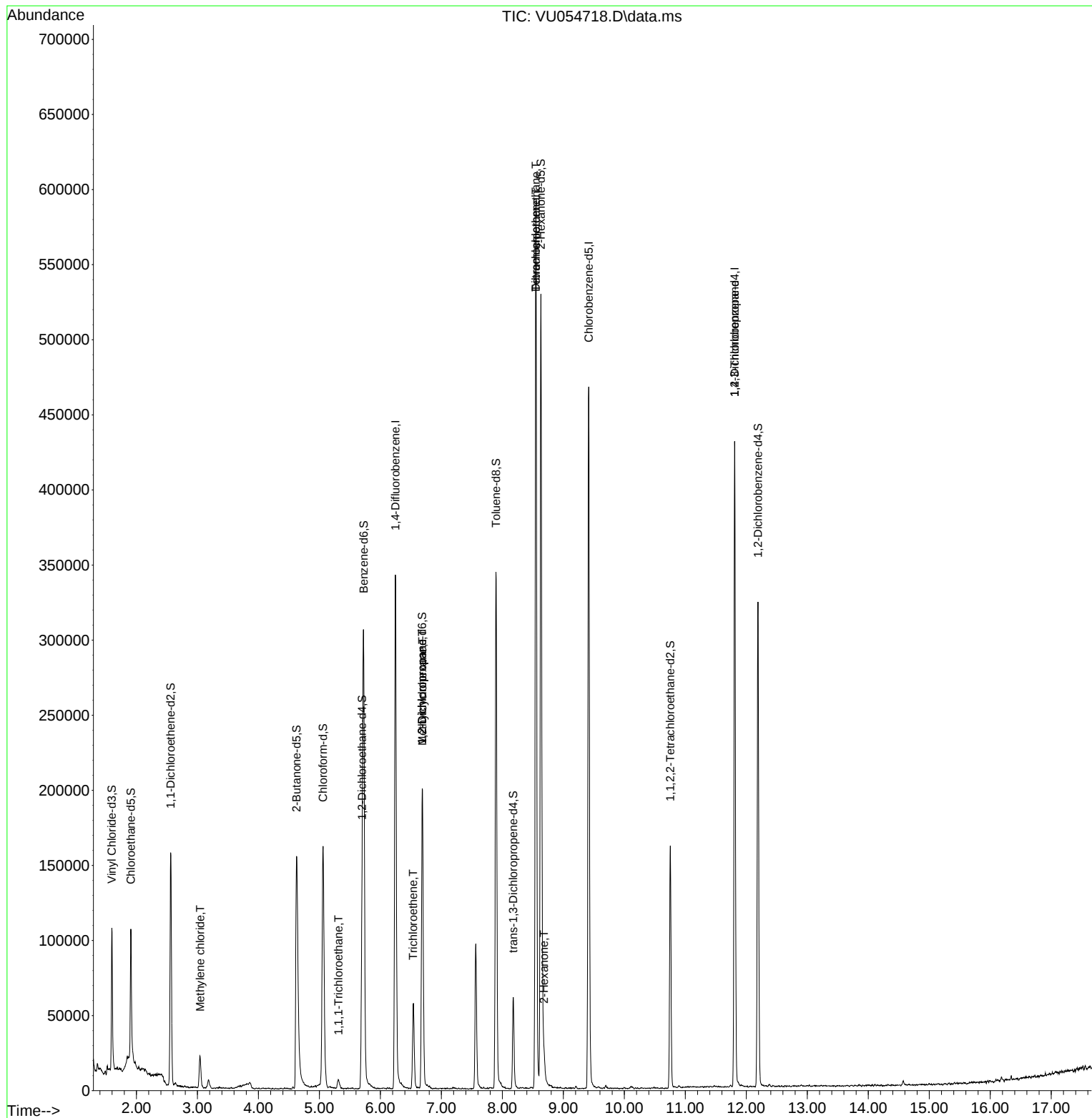
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	269614	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	253614	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	113233	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	74179	4.323	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.907	69	64724	4.029	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.560	65	30295	3.953	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	4.624	46	254278	52.708	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.420%
24) Chloroform-d	5.058	84	148996	4.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	5.698	65	79076	4.523	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.724	84	282790	4.011	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	6.685	67	100897	4.285	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.894	98	229632	3.670	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.400%
43) trans-1,3-Dichloroprop...	8.177	79	36230	4.425	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.631	63	172372	50.182	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.360%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	82338	4.690	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	84237	4.411	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.042	84	9831	0.358	ug/L	95
29) 1,1,1-Trichloroethane	5.312	97	4330	0.126	ug/L #	84
34) Trichloroethene	6.537	95	19369	0.804	ug/L	97
35) Methylcyclohexane	6.689	83	22015	0.604	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	10887	0.442	ug/L #	90
47) Tetrachloroethene	8.550	164	134810	7.307	ug/L	99
48) 2-Hexanone	8.682	43	8239	0.841	ug/L #	75
49) Dibromochloromethane	8.550	129	128877	7.829	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	13383	1.169	ug/L #	69

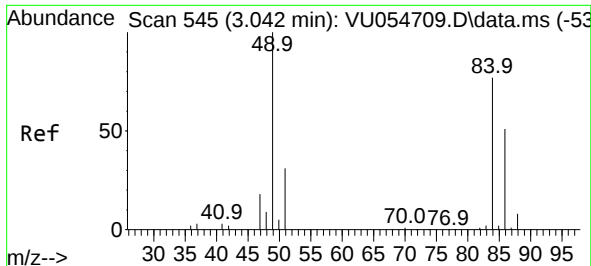
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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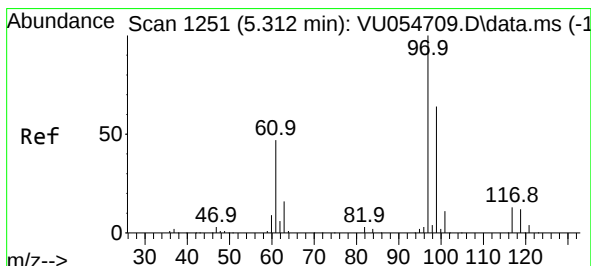
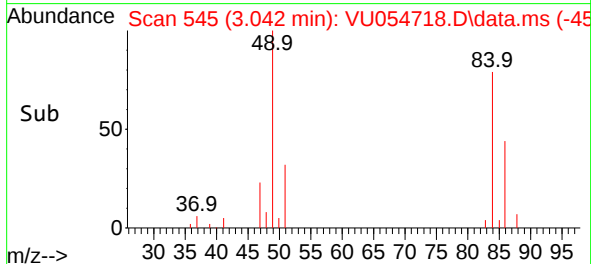
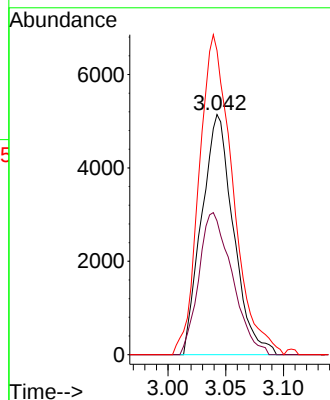
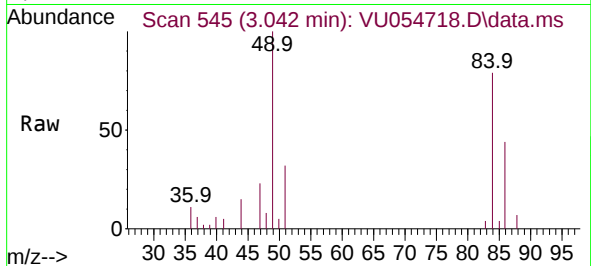




#16
Methylene chloride
Concen: 0.358 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU054718.D
Acq: 30 Jun 2023 13:29

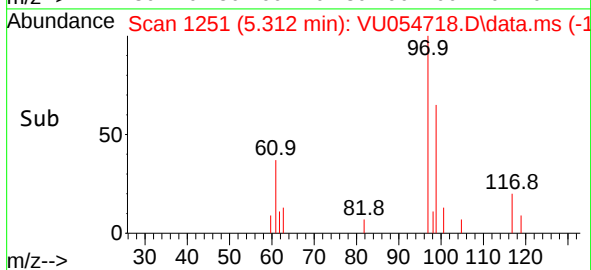
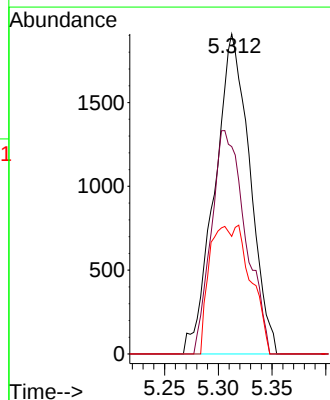
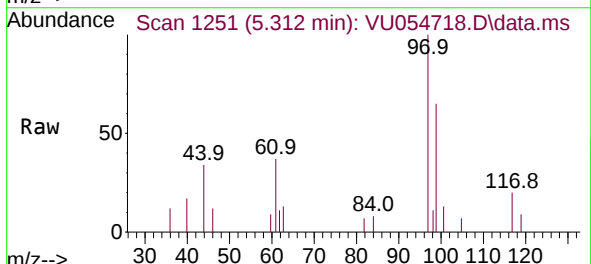
Instrument :
MSVOA_U
ClientSampleId :
HOA48DL

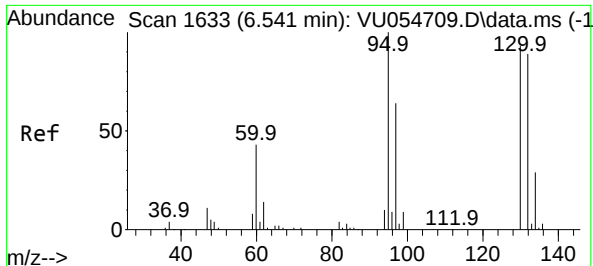
Tgt Ion: 84 Resp: 9831
Ion Ratio Lower Upper
84 100
86 55.7 43.9 81.5
49 126.6 86.1 159.9



#29
1,1,1-Trichloroethane
Concen: 0.126 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VU054718.D
Acq: 30 Jun 2023 13:29

Tgt Ion: 97 Resp: 4330
Ion Ratio Lower Upper
97 100
99 68.0 50.8 76.2
61 25.8 36.1 54.1#



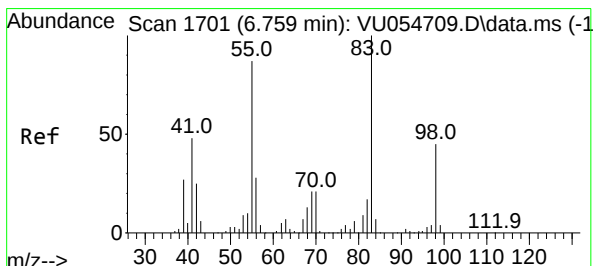
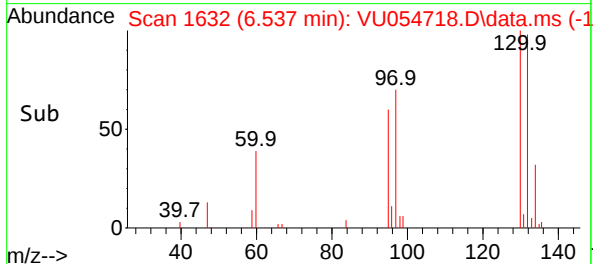
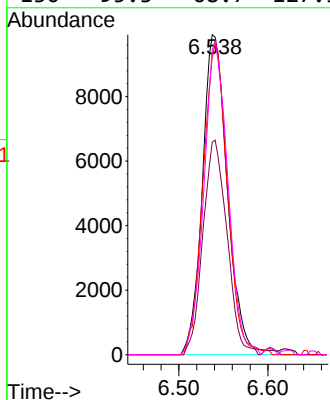
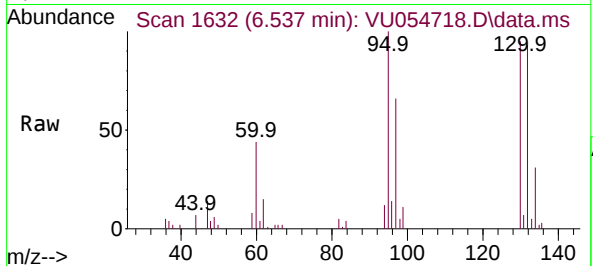


#34
Trichloroethene
Concen: 0.804 ug/L
RT: 6.537 min Scan# 1633
Delta R.T. -0.003 min
Lab File: VU054718.D
Acq: 30 Jun 2023 13:29

Instrument :
MSVOA_U
ClientSampleId :
HOA48DL

Tgt Ion: 95 Resp: 19369

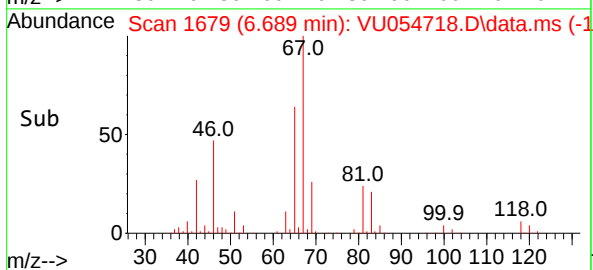
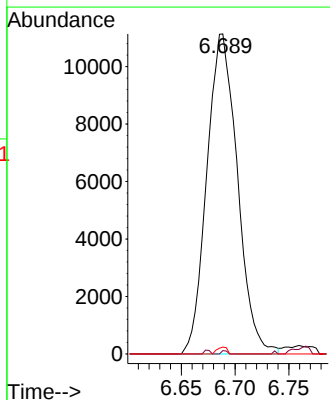
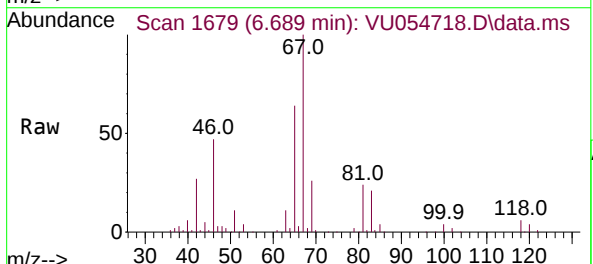
Ion	Ratio	Lower	Upper
95	100		
97	66.5	46.8	87.0
132	93.1	68.4	127.0
130	95.3	68.7	127.5

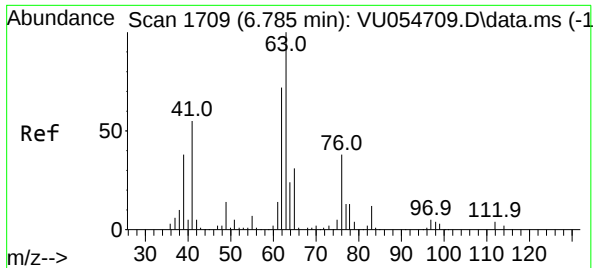


#35
Methylcyclohexane
Concen: 0.604 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU054718.D
Acq: 30 Jun 2023 13:29

Tgt Ion: 83 Resp: 22015

Ion	Ratio	Lower	Upper
83	100		
55	0.2	67.1	100.7#
98	0.7	35.1	52.7#

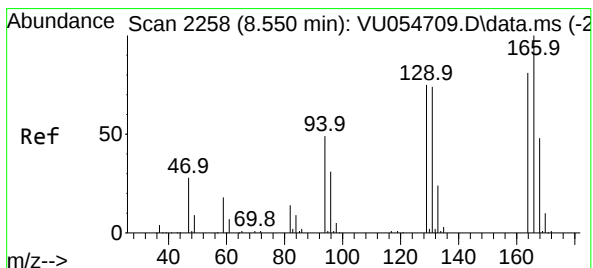
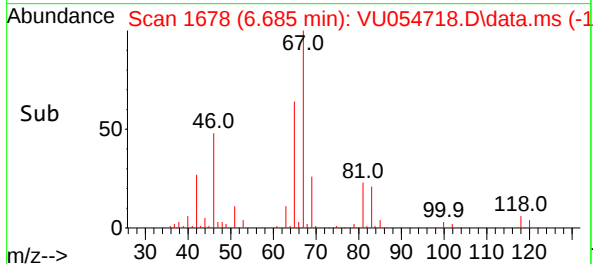
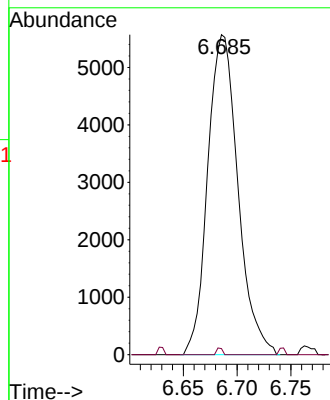
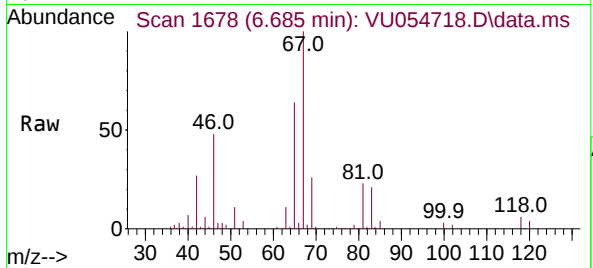




#37
1,2-Dichloropropane
Concen: 0.442 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU054718.D
Acq: 30 Jun 2023 13:29

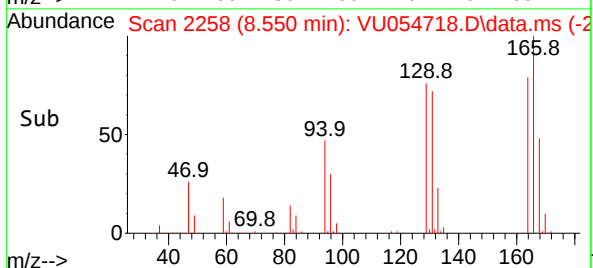
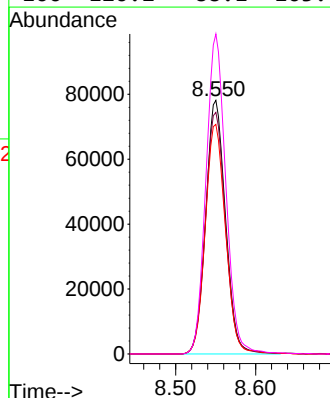
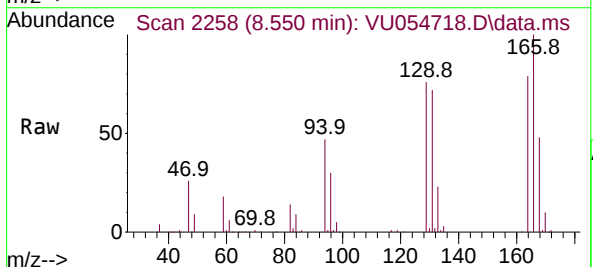
Instrument :
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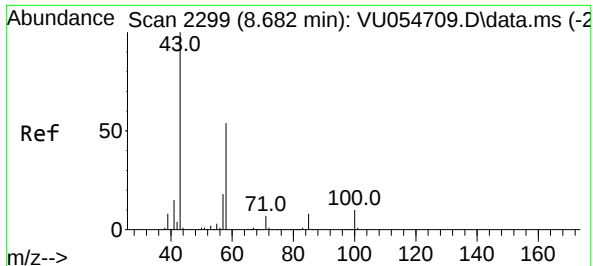
Tgt Ion: 63 Resp: 10887
Ion Ratio Lower Upper
63 100
112 0.4 3.0 4.6#



#47
Tetrachloroethene
Concen: 7.307 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054718.D
Acq: 30 Jun 2023 13:29

Tgt Ion:164 Resp: 134810
Ion Ratio Lower Upper
164 100
129 95.3 67.7 125.7
131 90.5 64.6 120.0
166 126.2 88.1 163.7

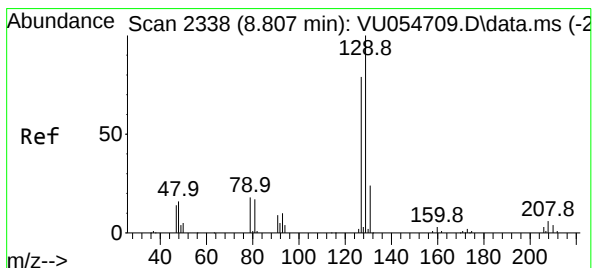
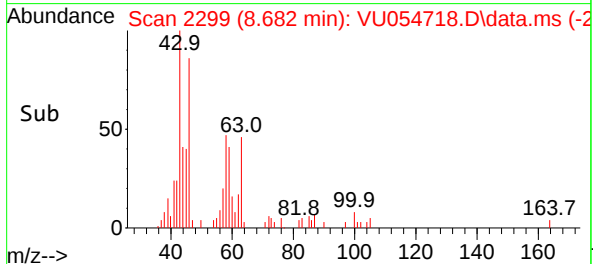
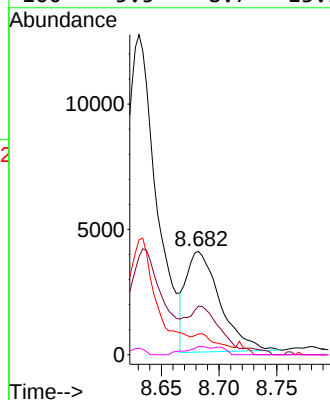
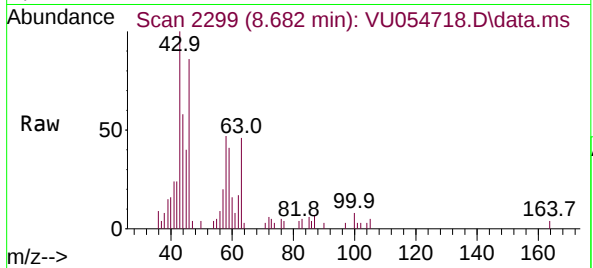




#48
2-Hexanone
Concen: 0.841 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054718.D
Acq: 30 Jun 2023 13:29

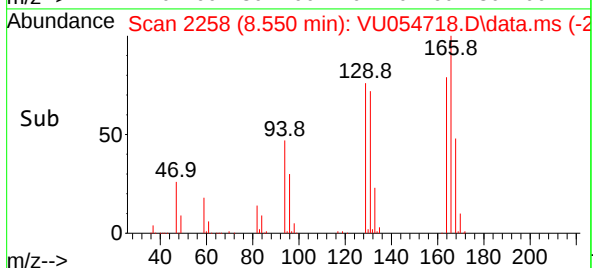
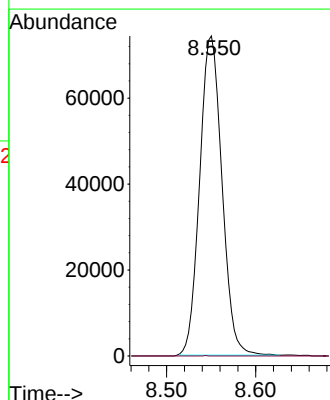
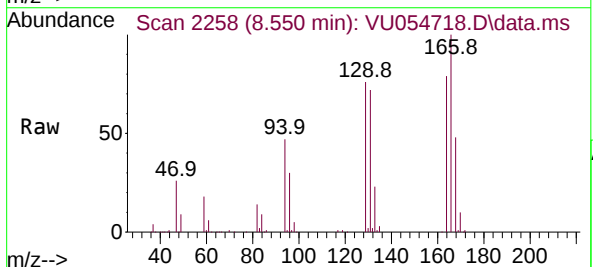
Instrument :
MSVOA_U
ClientSampleId :
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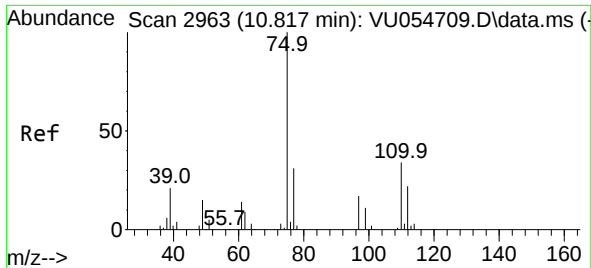
Tgt Ion: 43 Resp: 8239
Ion Ratio Lower Upper
43 100
58 33.2 45.2 67.8#
57 15.2 15.8 23.6#
100 5.5 8.7 13.1#



#49
Dibromochloromethane
Concen: 7.829 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.257 min
Lab File: VU054718.D
Acq: 30 Jun 2023 13:29

Tgt Ion: 129 Resp: 128877
Ion Ratio Lower Upper
129 100
127 0.0 53.2 98.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.169 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU054718.D
 Acq: 30 Jun 2023 13:29

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion: 75 Resp: 13383
 Ion Ratio Lower Upper
 75 100
 110 2.7 28.0 42.0#
 77 33.5 25.4 38.2

