

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063023\
 Data File : VU054724.D
 Acq On : 30 Jun 2023 15:54
 Operator : MD/SY
 Sample : 03478-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Jul 03 06:45:50 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

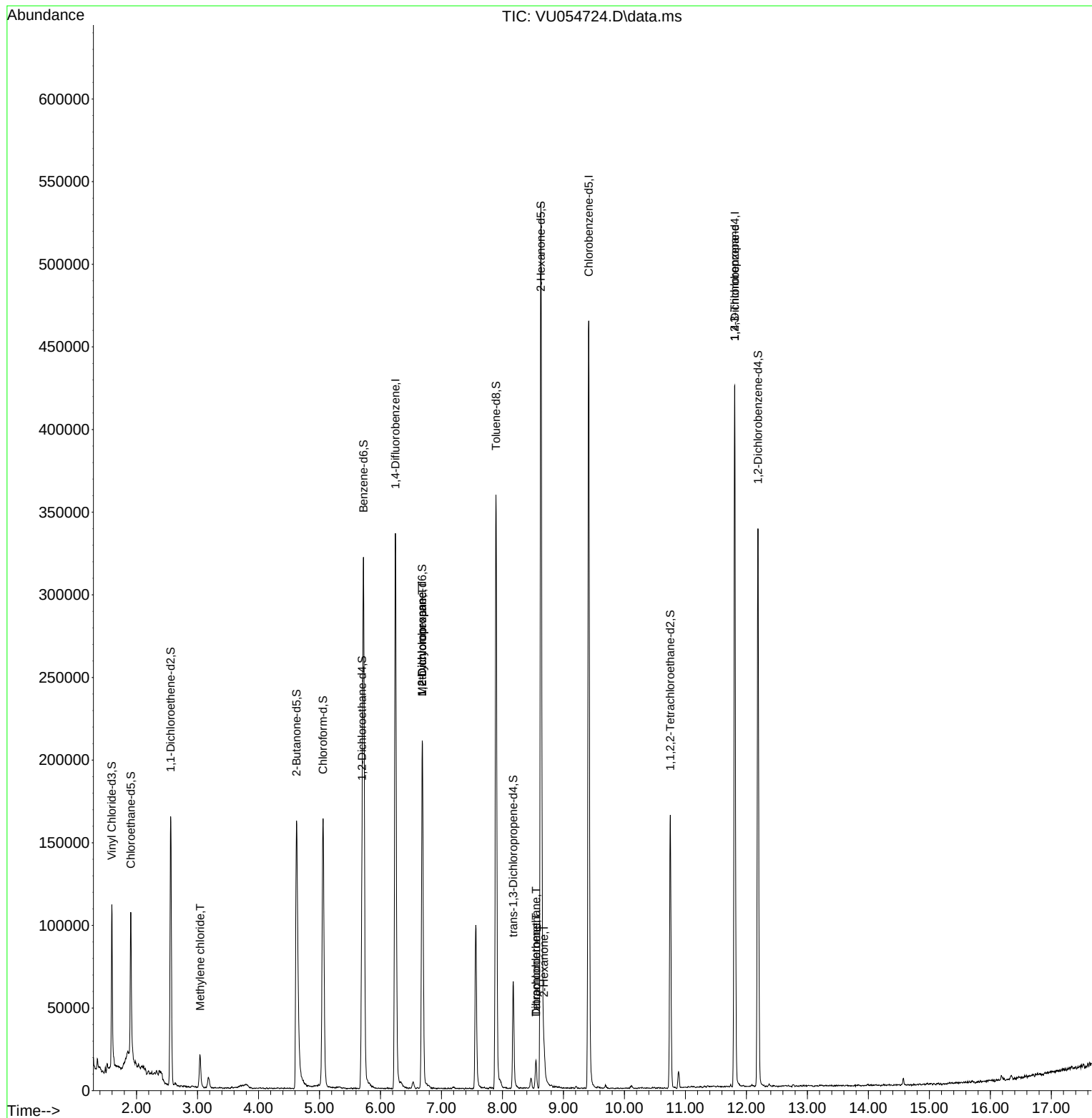
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	263182	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	258838	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	111589	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	78505	4.687	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.800%	
7) Chloroethane-d5	1.907	69	69299	4.419	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.400%	
11) 1,1-Dichloroethene-d2	2.560	65	31397	4.197	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.000%	
20) 2-Butanone-d5	4.624	46	262945	55.837	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	111.680%	
24) Chloroform-d	5.058	84	150362	4.295	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.800%	
26) 1,2-Dichloroethane-d4	5.698	65	83685	4.903	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.000%	
32) Benzene-d6	5.721	84	296299	4.118	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.400%	
36) 1,2-Dichloropropane-d6	6.685	67	104738	4.359	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.200%	
41) Toluene-d8	7.894	98	240786	3.771	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.400%	
43) trans-1,3-Dichloroprop...	8.177	79	36646	4.386	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.800%	
46) 2-Hexanone-d5	8.630	63	178049	50.789	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.580%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	84506	4.716	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	87928	4.672	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.400%	
Target Compounds						
16) Methylene chloride	3.042	84	8628	0.321	ug/L	96
35) Methylcyclohexane	6.685	83	24105	0.648	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	10844	0.431	ug/L #	89
47) Tetrachloroethene	8.553	164	3746	0.199	ug/L	89
48) 2-Hexanone	8.682	43	8721	0.872	ug/L #	68
49) Dibromochloromethane	8.553	129	3704	0.220	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	14450	1.281	ug/L #	70

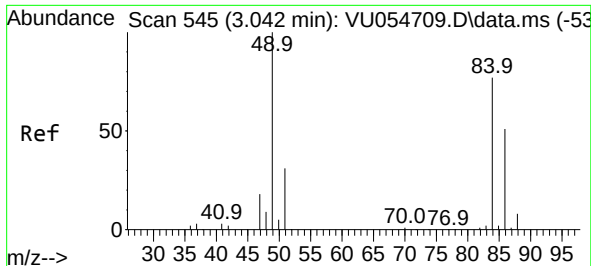
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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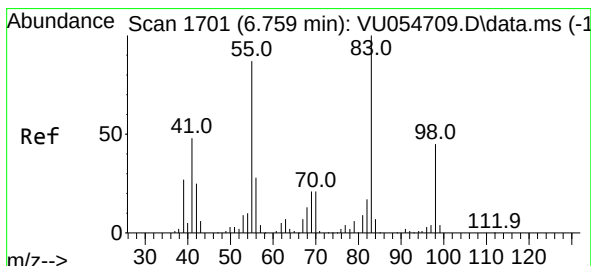
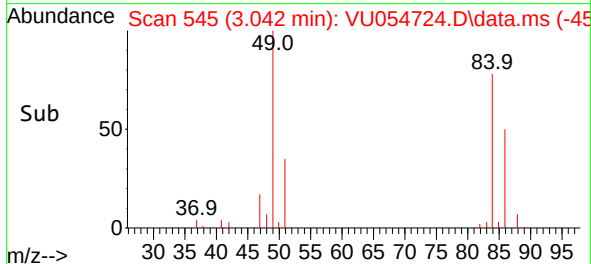
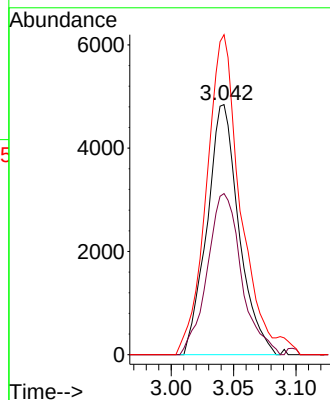
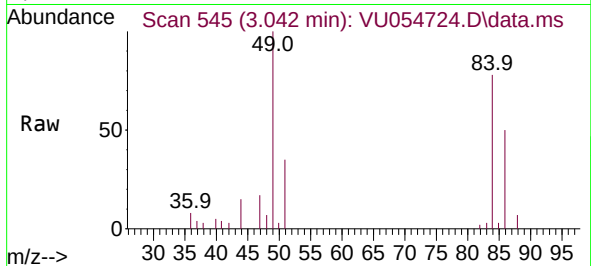




#16
Methylene chloride
Concen: 0.321 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU054724.D
Acq: 30 Jun 2023 15:54

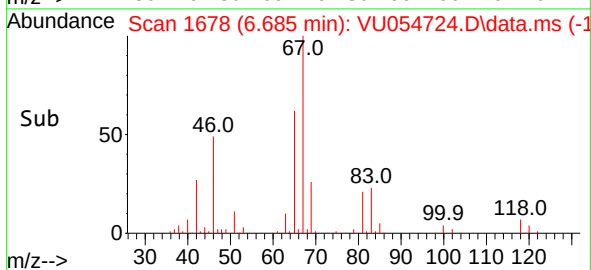
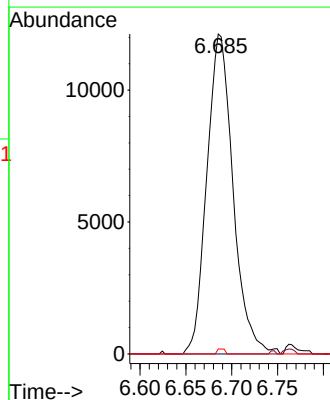
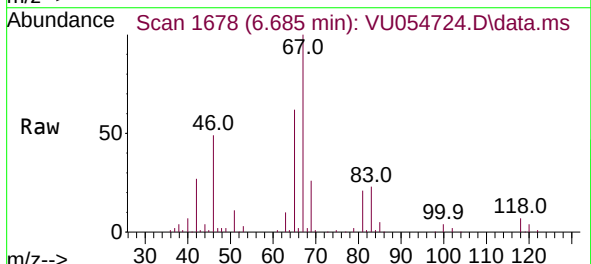
Instrument :
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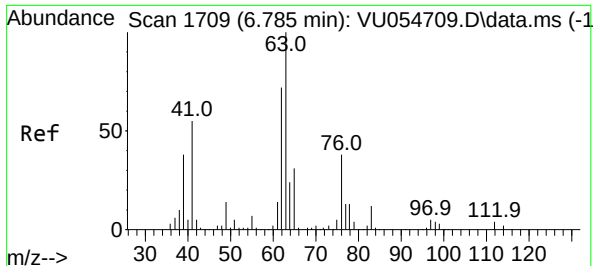
Tgt Ion:	84	Resp:	8628
Ion	Ratio	Lower	Upper
84	100		
86	64.4	43.9	81.5
49	128.0	86.1	159.9



#35
Methylcyclohexane
Concen: 0.648 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU054724.D
Acq: 30 Jun 2023 15:54

Tgt Ion:	83	Resp:	24105
Ion	Ratio	Lower	Upper
83	100		
55	0.2	67.1	100.7#
98	0.4	35.1	52.7#

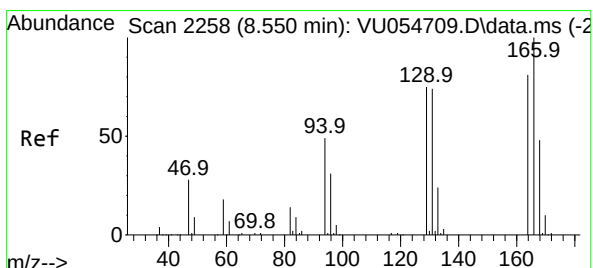
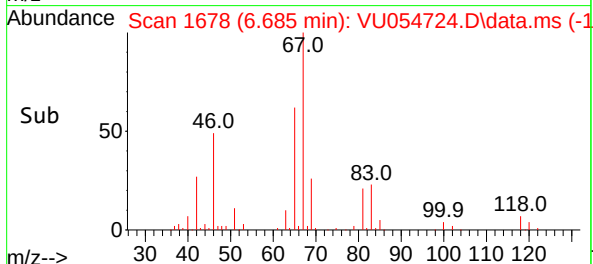
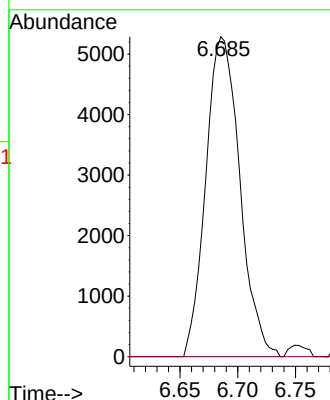
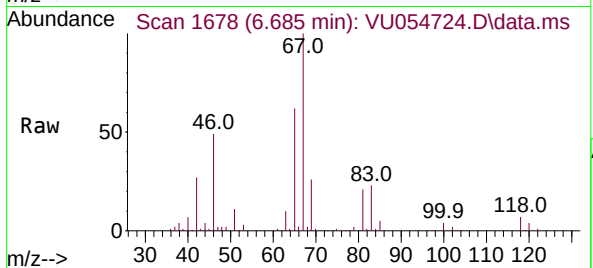




#37
1,2-Dichloropropane
Concen: 0.431 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU054724.D
Acq: 30 Jun 2023 15:54

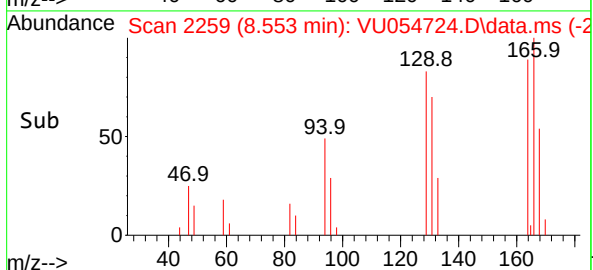
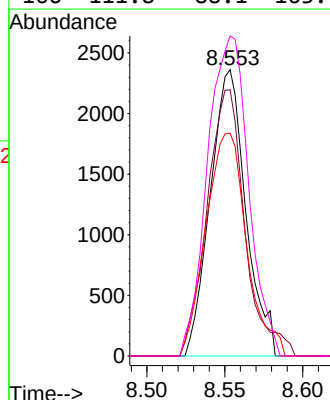
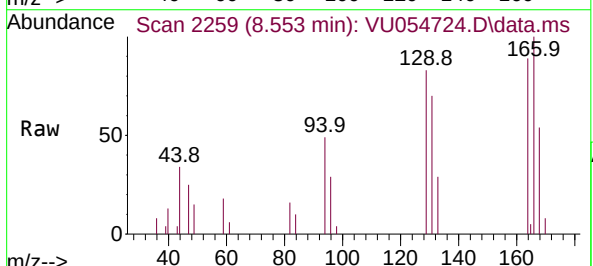
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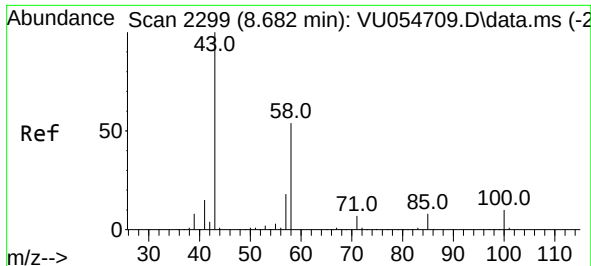
Tgt Ion: 63 Resp: 10844
Ion Ratio Lower Upper
63 100
112 0.2 3.0 4.6#



#47
Tetrachloroethene
Concen: 0.199 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. 0.003 min
Lab File: VU054724.D
Acq: 30 Jun 2023 15:54

Tgt Ion:164 Resp: 3746
Ion Ratio Lower Upper
164 100
129 93.1 67.7 125.7
131 77.8 64.6 120.0
166 111.8 88.1 163.7

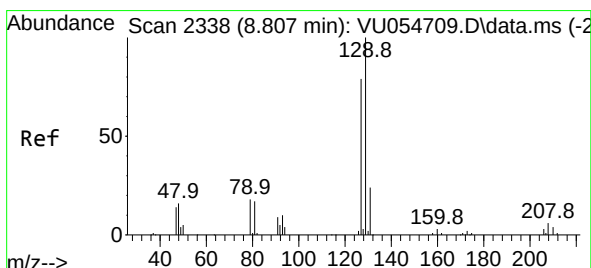
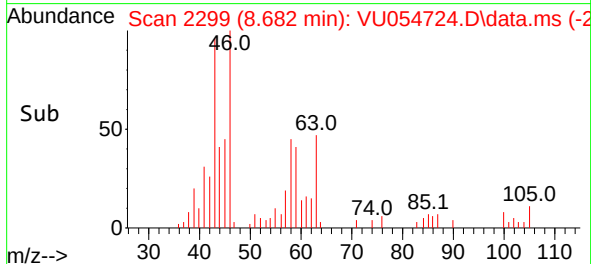
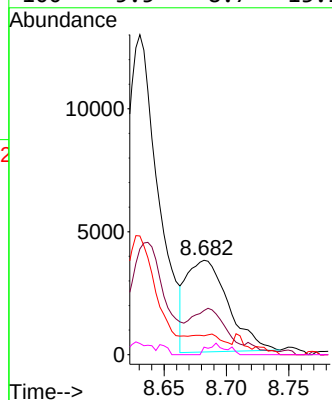
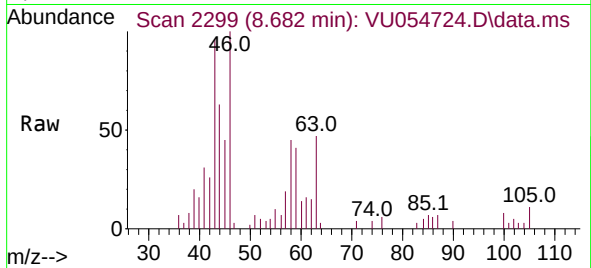




#48
2-Hexanone
Concen: 0.872 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU054724.D
Acq: 30 Jun 2023 15:54

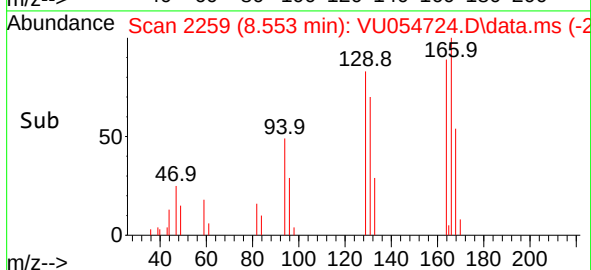
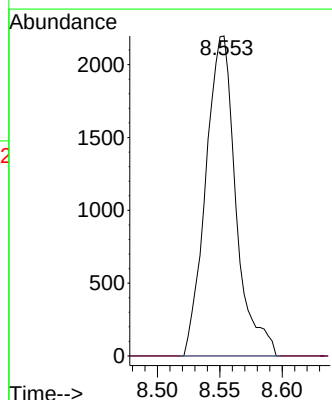
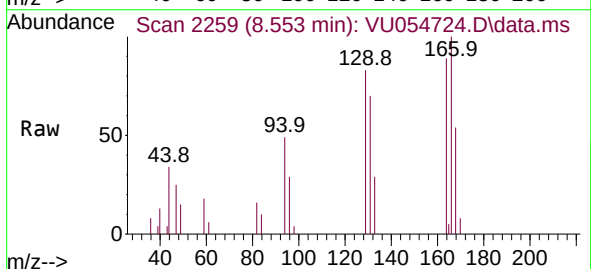
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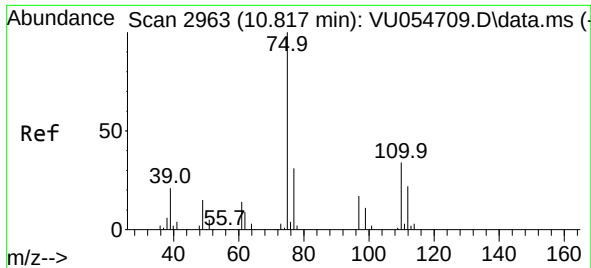
Tgt Ion: 43 Resp: 8721
Ion Ratio Lower Upper
43 100
58 31.9 45.2 67.8#
57 3.1 15.8 23.6#
100 5.5 8.7 13.1#



#49
Dibromochloromethane
Concen: 0.220 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. -0.254 min
Lab File: VU054724.D
Acq: 30 Jun 2023 15:54

Tgt Ion: 129 Resp: 3704
Ion Ratio Lower Upper
129 100
127 0.0 53.2 98.8#





#61

1,2,3-Trichloropropane

Concen: 1.281 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU054724.D

Acq: 30 Jun 2023 15:54

Instrument :

MSVOA_U

ClientSampleId :

VHBLK001

Tgt Ion: 75 Resp: 14450

Ion Ratio Lower Upper

75 100

110 3.1 28.0 42.0#

77 32.8 25.4 38.2

