

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
 Data File : VU057088.D
 Acq On : 20 Dec 2023 13:39
 Operator : MD/SY
 Sample : 05865-12DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 23:44:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 23:41:59 2023
 Response via : Initial Calibration

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

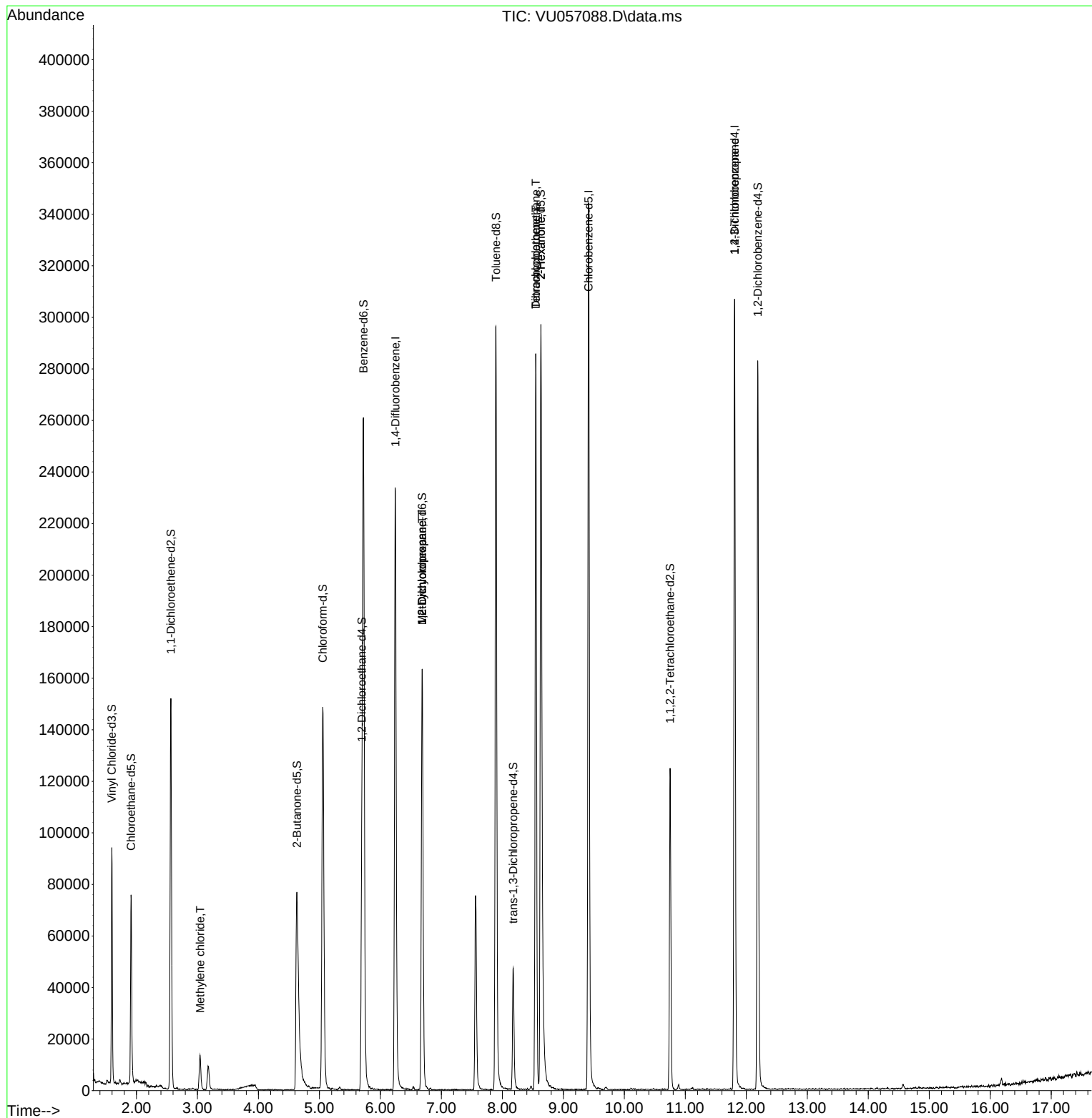
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	189308	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	194738	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	83137	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	63170	3.893	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.911	69	55449	4.566	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.563	65	29193	4.205	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	4.631	46	134832	42.075	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.140%
24) Chloroform-d	5.055	84	143899	4.683	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.695	65	68389	4.703	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.721	84	247648	4.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.685	67	77228	4.085	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.600%
41) Toluene-d8	7.894	98	208073	3.854	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.000%
43) trans-1,3-Dichloroprop...	8.177	79	29776	4.061	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.631	63	104153	37.665	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.340%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	59985	4.385	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	74425	4.554	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.046	84	6531	0.390	ug/L	88
35) Methylcyclohexane	6.685	83	20302	0.733	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	8453	0.483	ug/L #	88
47) Tetrachloroethene	8.547	164	59755	4.548	ug/L	96
48) 2-Hexanone	8.631	43	14827	2.504	ug/L #	73
49) Dibromochloromethane	8.547	129	62724	4.611	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	9080	1.017	ug/L #	70

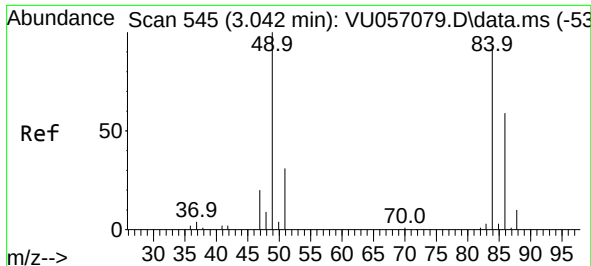
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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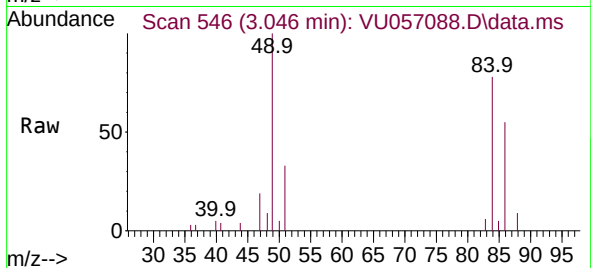
Quant Time: Dec 20 23:44:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
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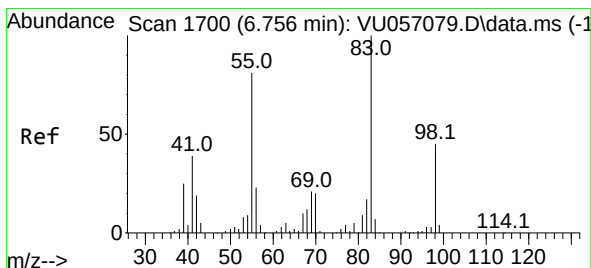
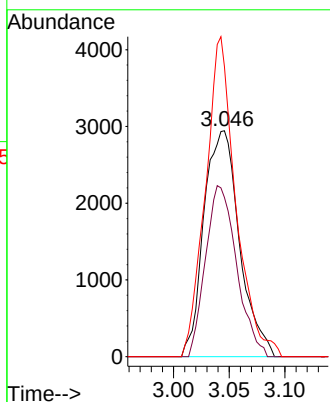
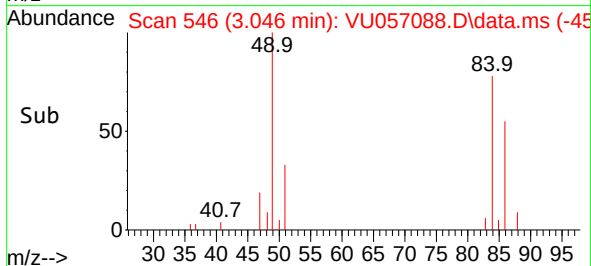


#16
Methylene chloride
Concen: 0.390 ug/L
RT: 3.046 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU057088.D
Acq: 20 Dec 2023 13:39

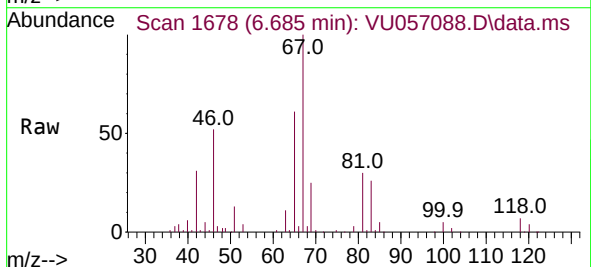
Instrument :
MSVOA_U
ClientSampleId :



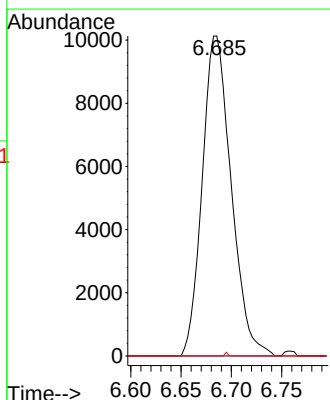
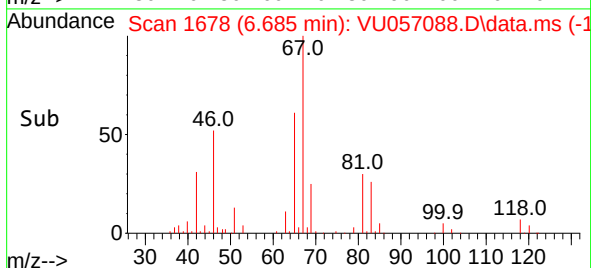
Tgt Ion: 84 Resp: 6531
Ion Ratio Lower Upper
84 100
86 70.4 43.6 81.0
49 128.4 80.6 149.6

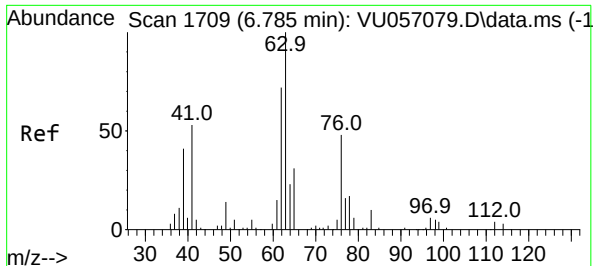


#35
Methylcyclohexane
Concen: 0.733 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU057088.D
Acq: 20 Dec 2023 13:39



Tgt Ion: 83 Resp: 20302
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 0.1 36.1 54.1#

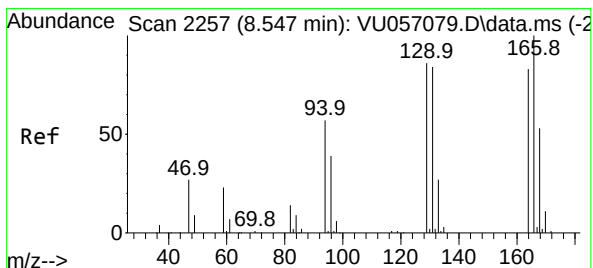
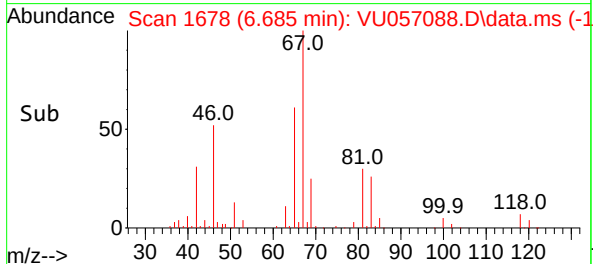
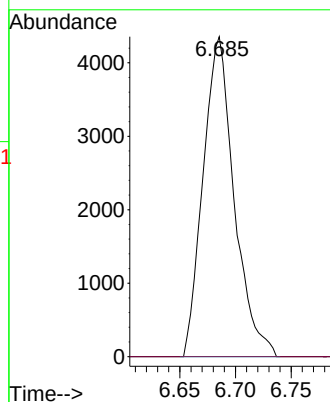
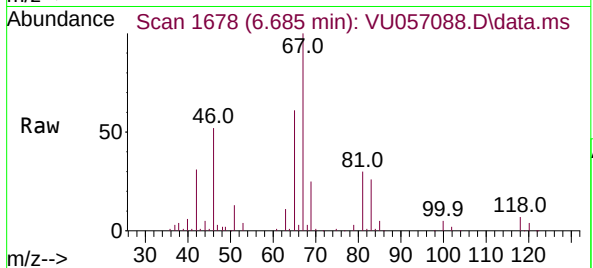




#37
1,2-Dichloropropane
Concen: 0.483 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU057088.D
Acq: 20 Dec 2023 13:39

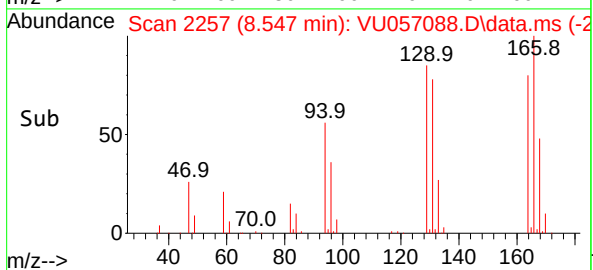
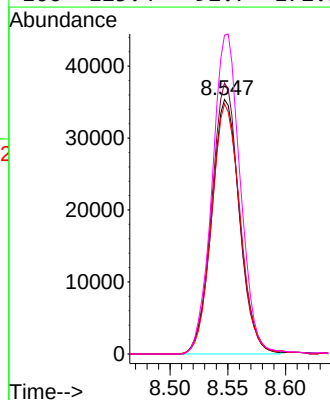
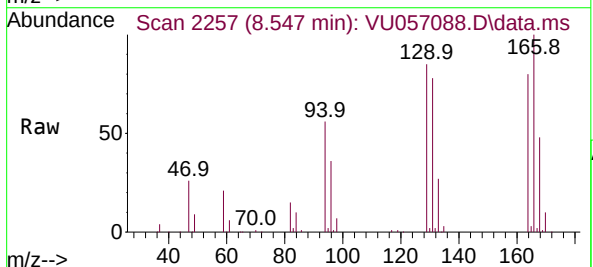
Instrument :
MSVOA_U
ClientSampleId :

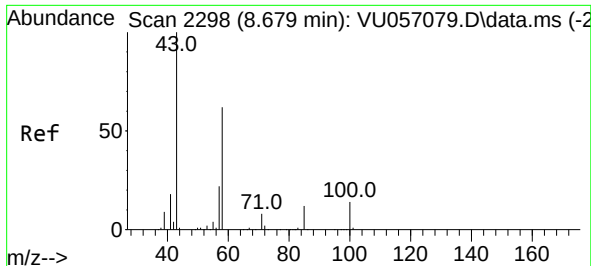
Tgt Ion: 63 Resp: 8453
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#47
Tetrachloroethene
Concen: 4.548 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057088.D
Acq: 20 Dec 2023 13:39

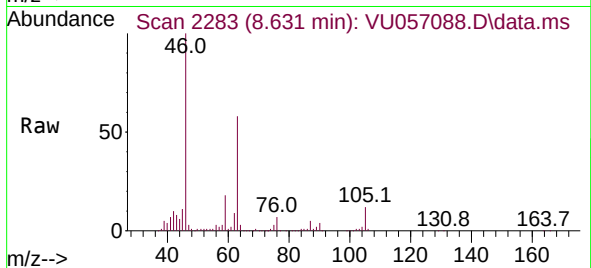
Tgt Ion:164 Resp: 59755
Ion Ratio Lower Upper
164 100
129 106.5 73.4 136.4
131 98.3 71.5 132.9
166 125.4 92.7 172.1



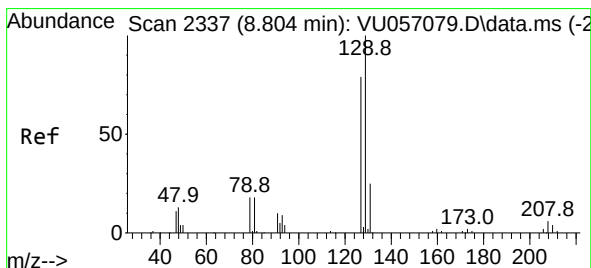
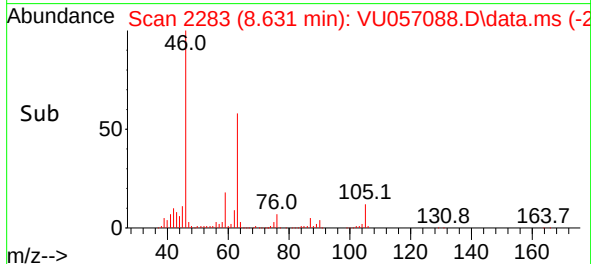
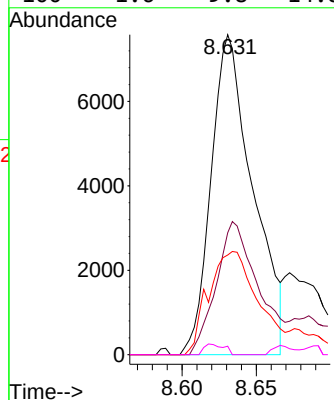


#48
2-Hexanone
Concen: 2.504 ug/L
RT: 8.631 min Scan# 21
Delta R.T. -0.048 min
Lab File: VU057088.D
Acq: 20 Dec 2023 13:39

Instrument :
MSVOA_U
ClientSampleId :

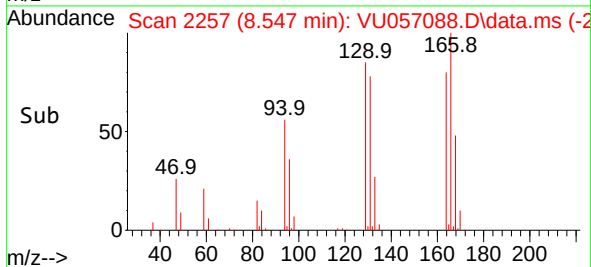
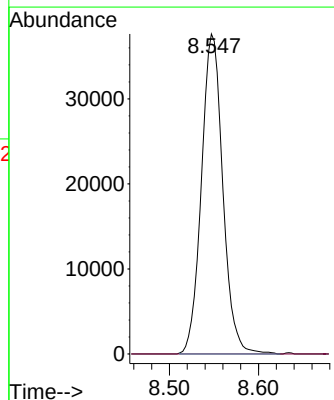
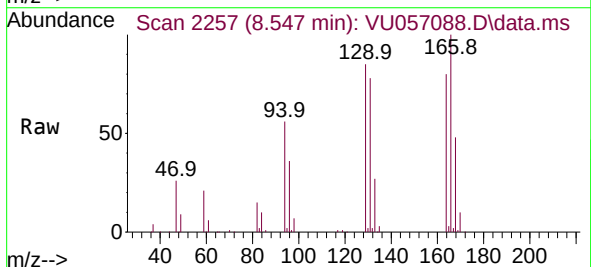


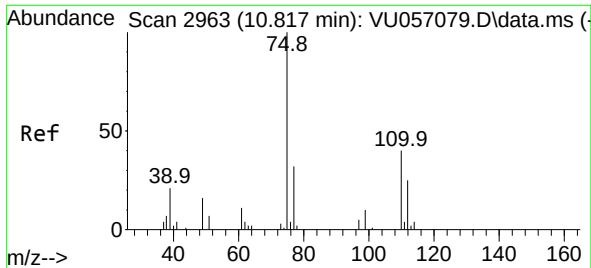
Tgt Ion: 43	Resp: 14827
Ion Ratio	Lower Upper
43 100	
58 42.0	47.5 71.3#
57 38.2	17.0 25.4#
100 1.6	9.8 14.8#



#49
Dibromochloromethane
Concen: 4.611 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU057088.D
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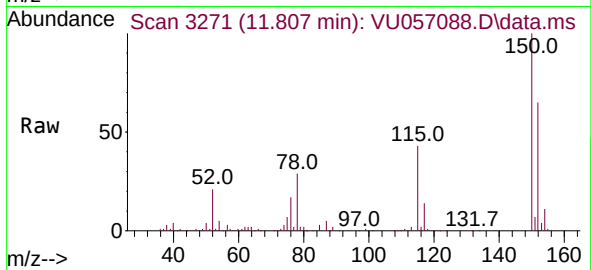
Tgt Ion:129	Resp: 62724		
Ion Ratio	Lower	Upper	
129 100			
127 0.0	53.9	100.1#	





#61
 1,2,3-Trichloropropane
 Concen: 1.017 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU057088.D
 Acq: 20 Dec 2023 13:39

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 9080
 Ion Ratio Lower Upper
 75 100
 110 3.7 28.4 42.6#
 77 35.2 26.3 39.5

