

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121923\
 Data File : VU057052.D
 Acq On : 19 Dec 2023 18:23
 Operator : MD/SY
 Sample : 05843-07DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 04:59:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 04:54:16 2023
 Response via : Initial Calibration

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

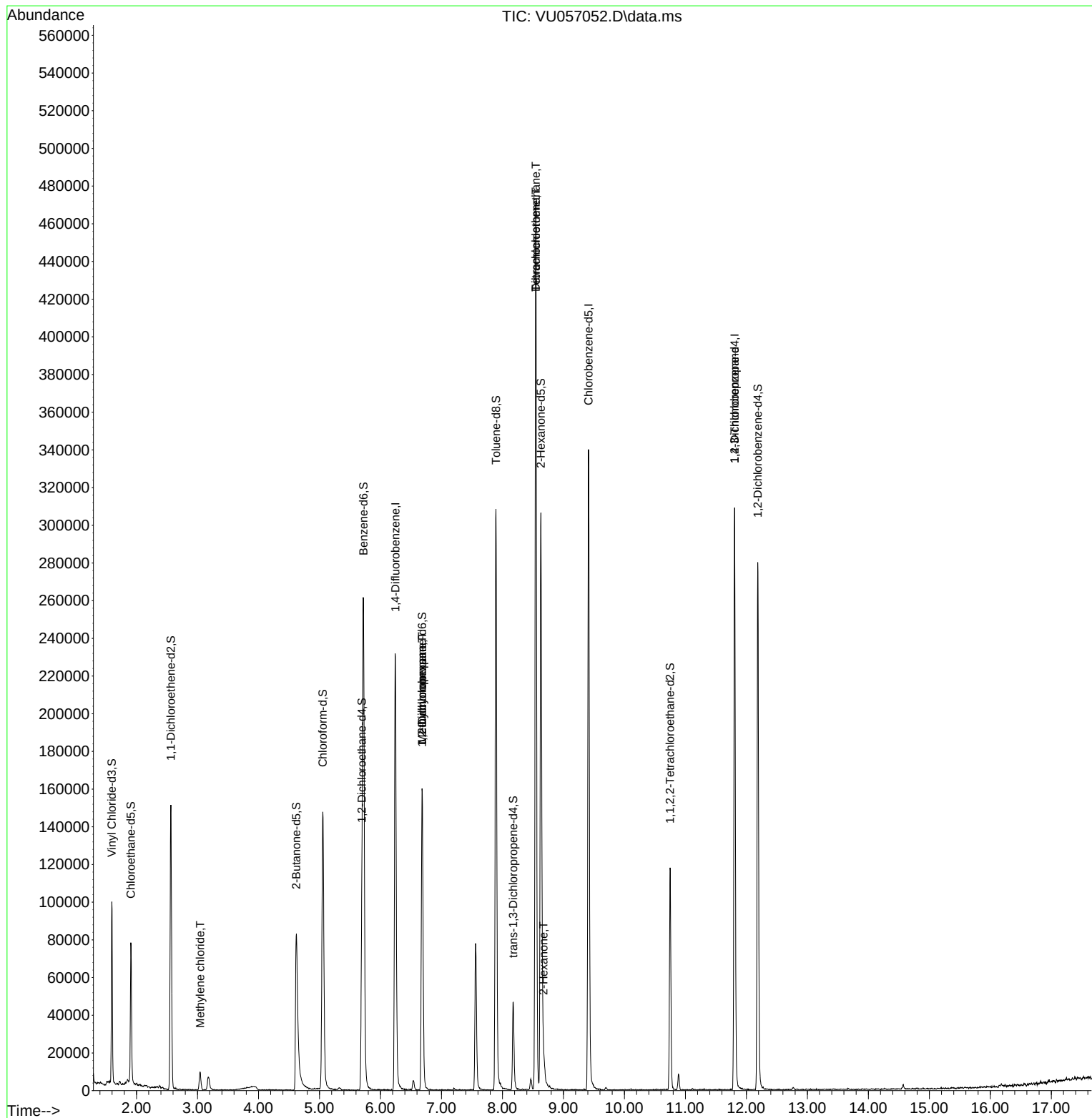
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	188398	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	197634	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	81489	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	69346	4.294	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.800%
7) Chloroethane-d5	1.907	69	55440	4.588	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.563	65	29952	4.335	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	4.621	46	129173	40.504	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.000%
24) Chloroform-d	5.055	84	141010	4.611	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.695	65	69287	4.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.721	84	252181	4.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.682	67	77128	4.020	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.400%
41) Toluene-d8	7.894	98	212345	3.876	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	8.177	79	28760	3.865	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.400%
46) 2-Hexanone-d5	8.631	63	104290	37.162	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.320%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	57950	4.174	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	72446	4.523	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.046	84	4971	0.298	ug/L	94
35) Methylcyclohexane	6.682	83	18413	0.655	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	9224	0.519	ug/L #	88
47) Tetrachloroethene	8.547	164	99339	7.450	ug/L	99
48) 2-Hexanone	8.672	43	4957	0.825	ug/L #	44
49) Dibromochloromethane	8.547	129	103525	7.498	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	9518	1.088	ug/L #	69

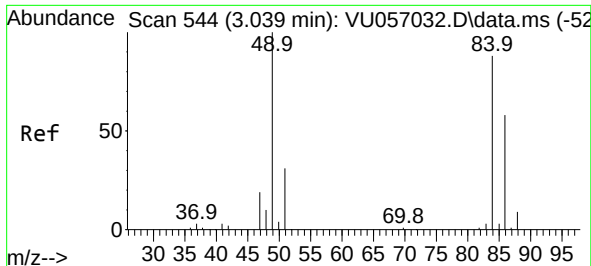
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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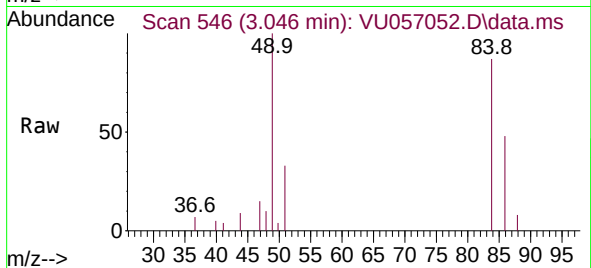
Quant Time: Dec 20 04:59:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
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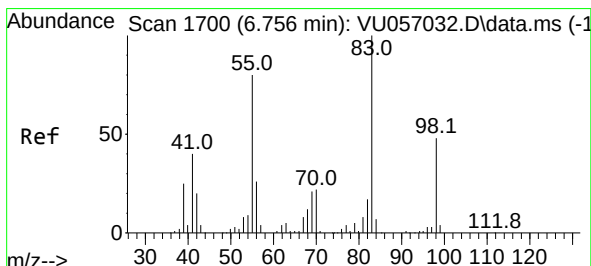
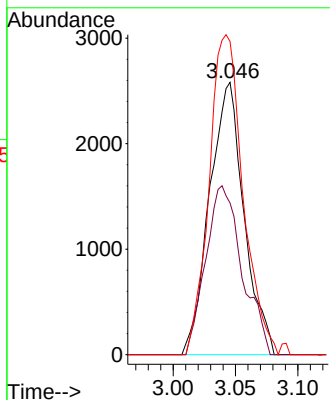
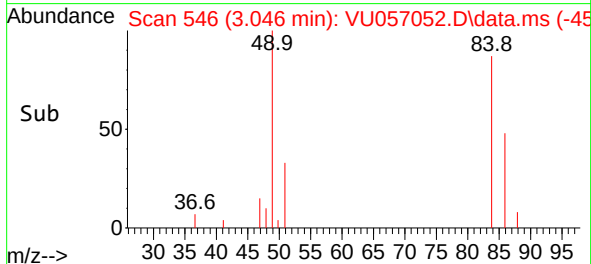


#16
Methylene chloride
Concen: 0.298 ug/L
RT: 3.046 min Scan# 54
Delta R.T. 0.007 min
Lab File: VU057052.D
Acq: 19 Dec 2023 18:23

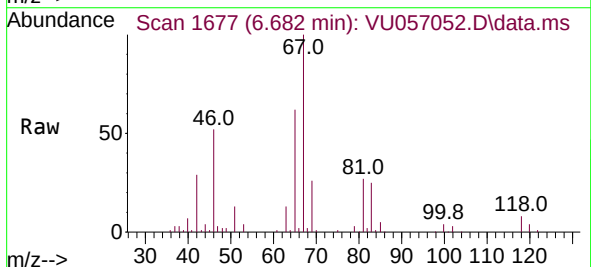
Instrument :
MSVOA_U
ClientSampleId :



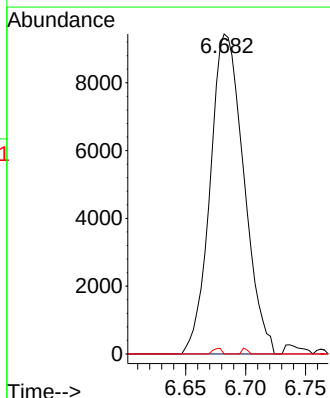
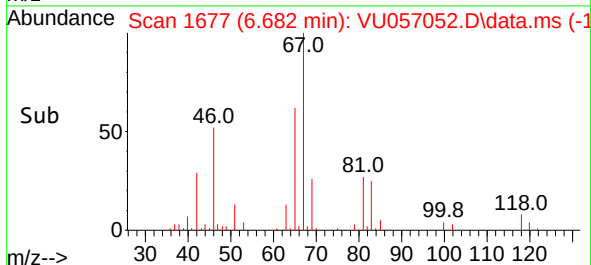
Tgt Ion: 84 Resp: 4971
Ion Ratio Lower Upper
84 100
86 55.7 43.6 81.0
49 119.7 80.6 149.6

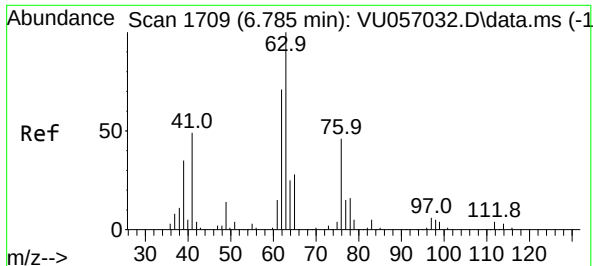


#35
Methylcyclohexane
Concen: 0.655 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU057052.D
Acq: 19 Dec 2023 18:23



Tgt Ion: 83 Resp: 18413
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 0.4 36.1 54.1#

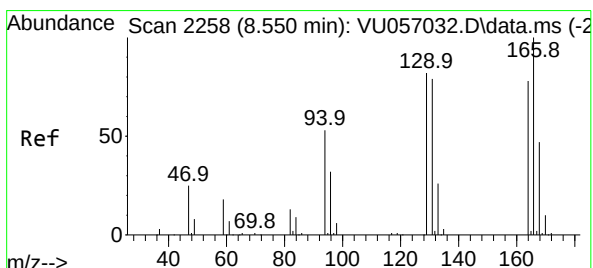
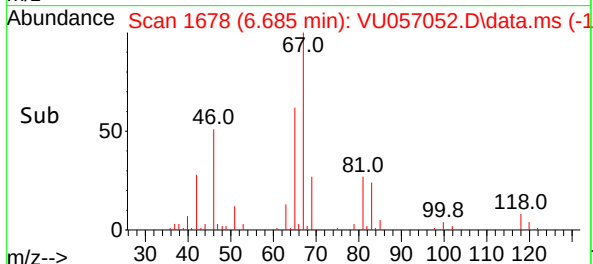
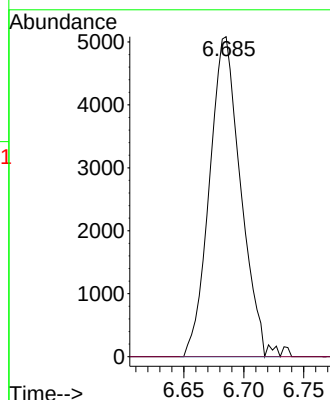
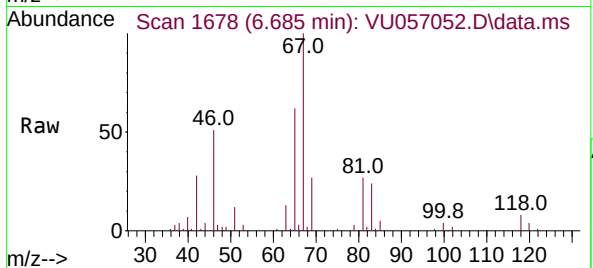




#37
1,2-Dichloropropane
Concen: 0.519 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU057052.D
Acq: 19 Dec 2023 18:23

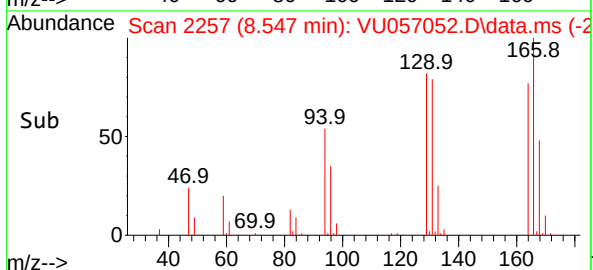
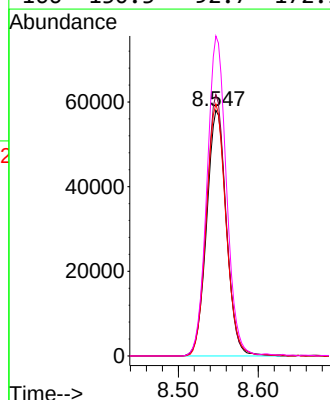
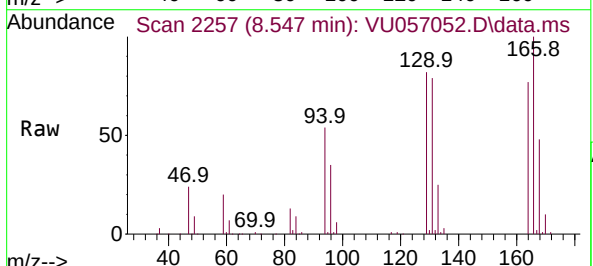
Instrument :
MSVOA_U
ClientSampleId :

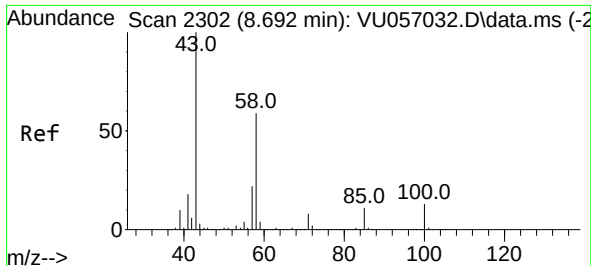
Tgt Ion: 63 Resp: 9224
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#47
Tetrachloroethene
Concen: 7.450 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU057052.D
Acq: 19 Dec 2023 18:23

Tgt Ion:164 Resp: 99339
Ion Ratio Lower Upper
164 100
129 106.5 73.4 136.4
131 102.6 71.5 132.9
166 130.3 92.7 172.1

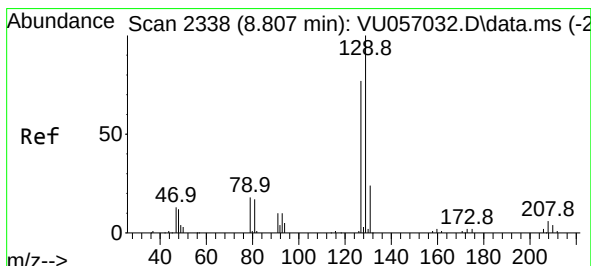
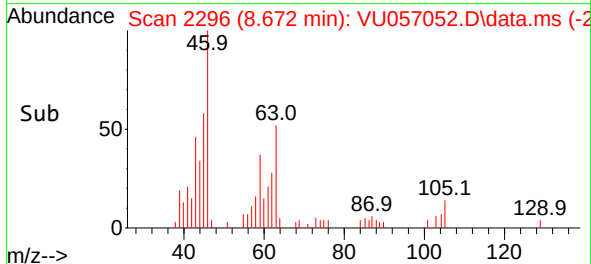
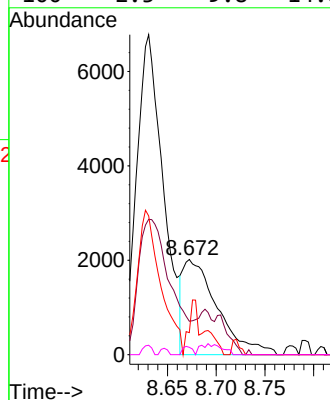
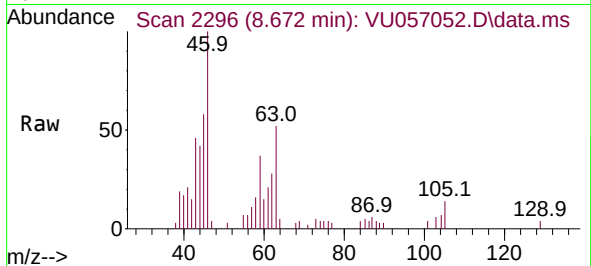




#48
2-Hexanone
Concen: 0.825 ug/L
RT: 8.672 min Scan# 21
Delta R.T. -0.019 min
Lab File: VU057052.D
Acq: 19 Dec 2023 18:23

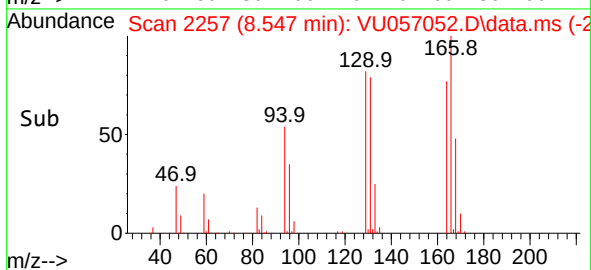
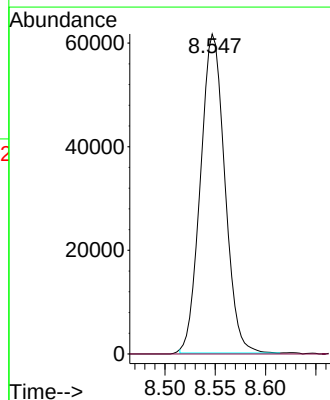
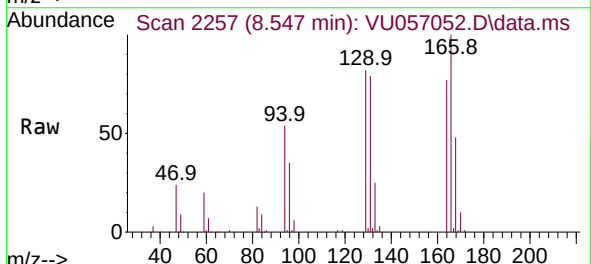
Instrument :
MSVOA_U
ClientSampleId :

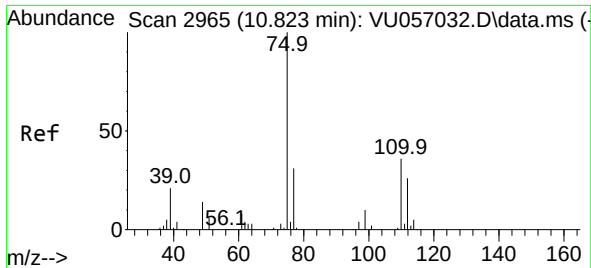
Tgt Ion:	43	Resp:	4957
Ion	Ratio	Lower	Upper
43	100		
58	0.0	47.5	71.3#
57	16.1	17.0	25.4#
100	2.3	9.8	14.8#



#49
Dibromochloromethane
Concen: 7.498 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.260 min
Lab File: VU057052.D
Acq: 19 Dec 2023 18:23

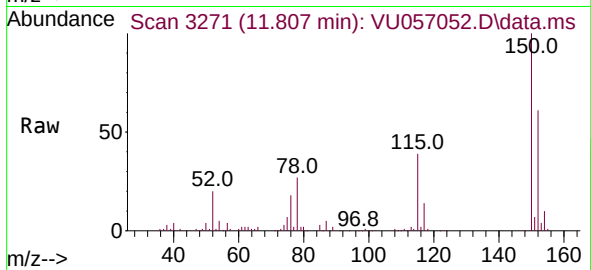
Tgt Ion:	129	Resp:	103525
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.9	100.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.088 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.984 min
 Lab File: VU057052.D
 Acq: 19 Dec 2023 18:23

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 9518
 Ion Ratio Lower Upper
 75 100
 110 1.6 28.4 42.6#
 77 33.8 26.3 39.5

