

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121923\
 Data File : VU057075.D
 Acq On : 20 Dec 2023 04:04
 Operator : MD/SY
 Sample : 05890-02DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 06:58:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 06:35:40 2023
 Response via : Initial Calibration

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

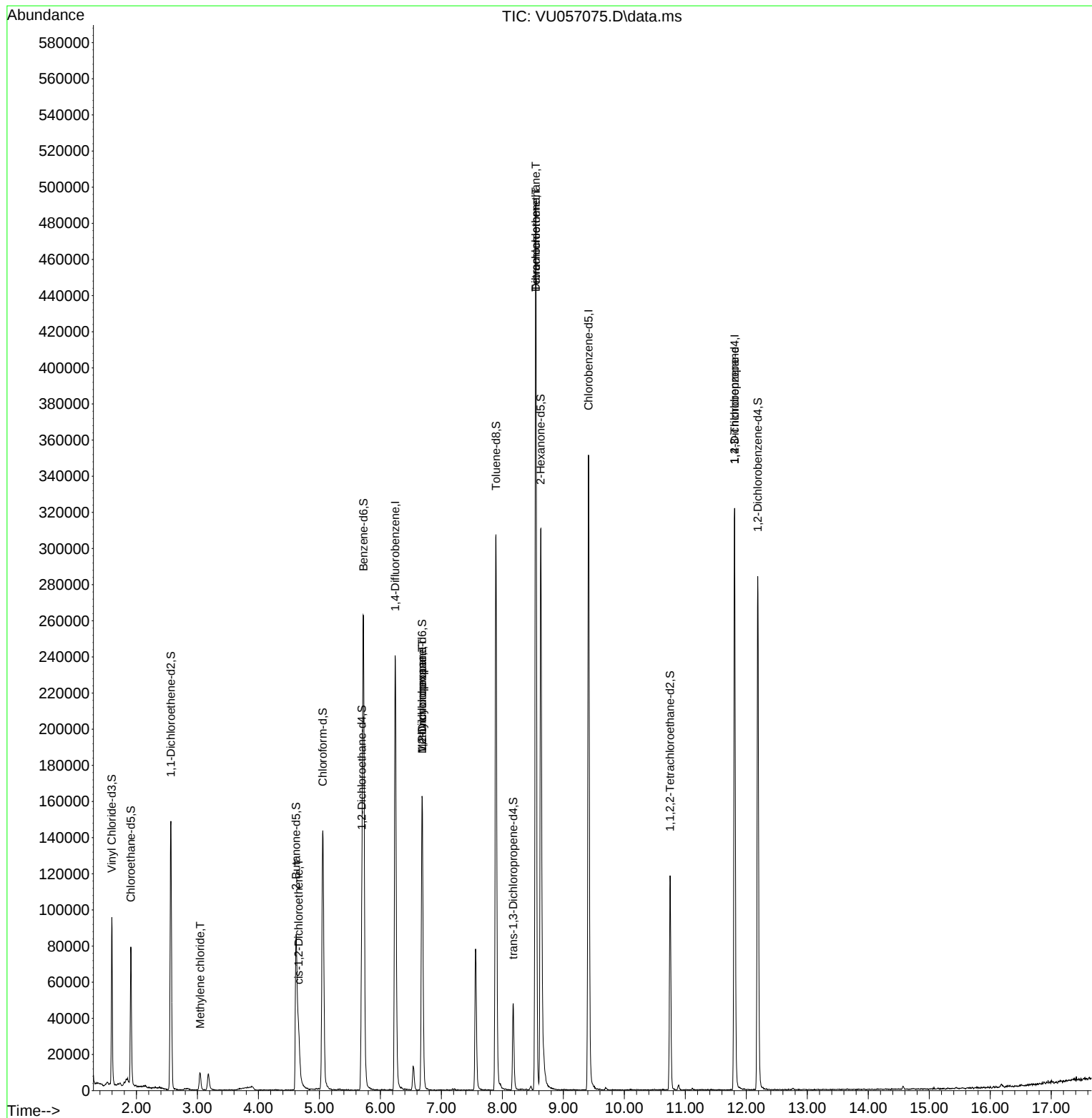
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	195827	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	197124	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	85053	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	65793	3.920	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.908	69	57641	4.589	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.563	65	29099	4.052	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	4.618	46	126438	38.142	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.280%
24) Chloroform-d	5.055	84	141524	4.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.695	65	69688	4.633	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.721	84	251767	4.118	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	6.682	67	78986	4.127	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.600%
41) Toluene-d8	7.894	98	214550	3.926	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	8.177	79	29085	3.919	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.628	63	105413	37.660	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.320%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	56819	4.104	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	74273	4.442	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.043	84	5268	0.304	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	9206	0.525	ug/L	93
35) Methylcyclohexane	6.685	83	19677	0.702	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	8237	0.465	ug/L #	88
47) Tetrachloroethene	8.547	164	104466	7.855	ug/L	98
49) Dibromochloromethane	8.547	129	108236	7.860	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	10496	1.149	ug/L #	68

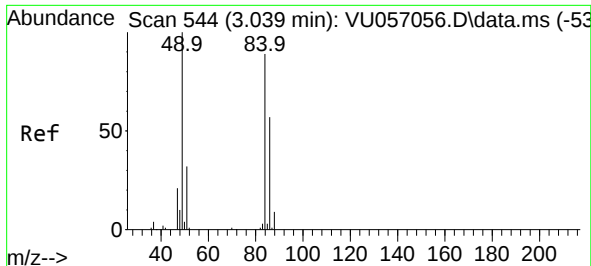
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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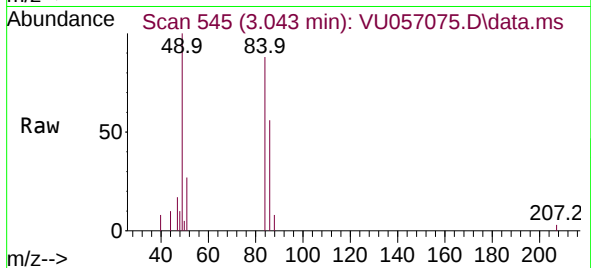
Quant Time: Dec 20 06:58:55 2023
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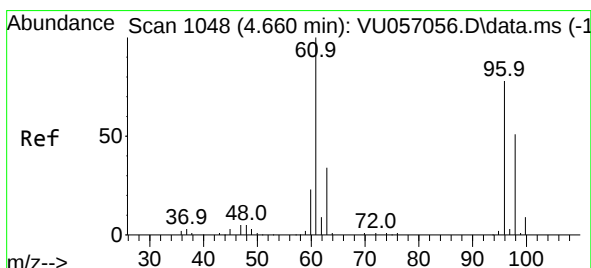
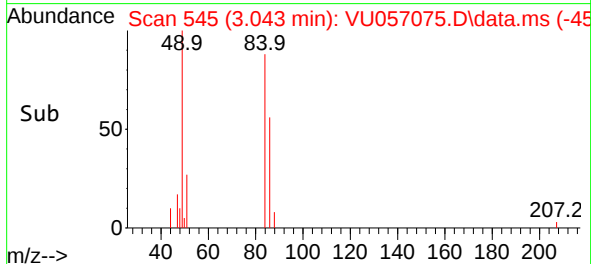
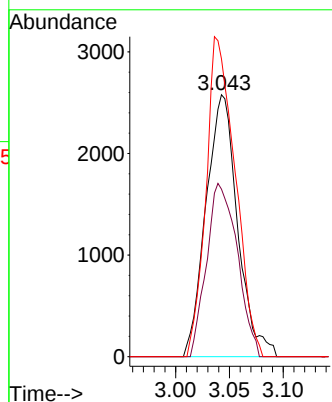


#16
Methylene chloride
Concen: 0.304 ug/L
RT: 3.043 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU057075.D
Acq: 20 Dec 2023 04:04

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MSVOA_U
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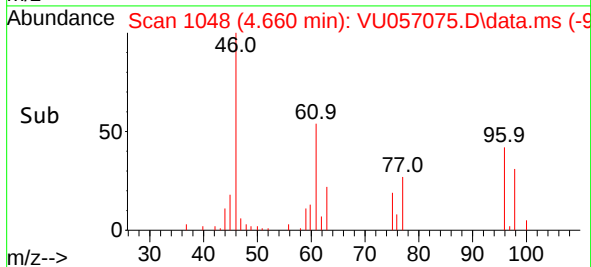
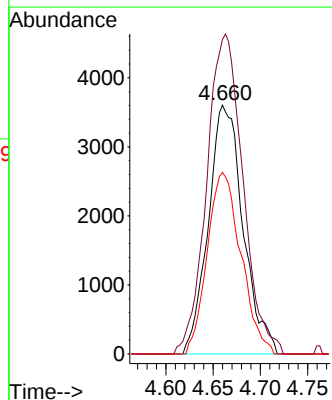
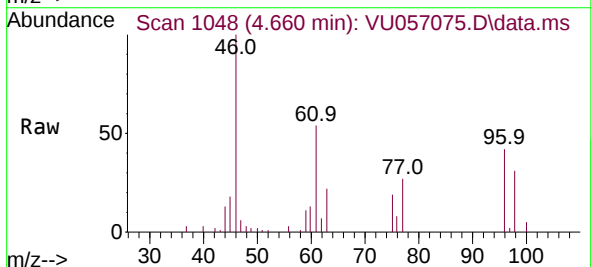


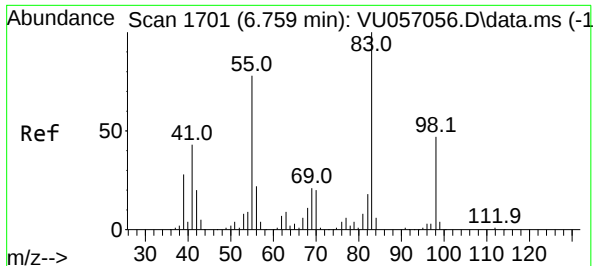
Tgt Ion: 84 Resp: 5268
Ion Ratio Lower Upper
84 100
86 63.9 43.6 81.0
49 119.2 80.6 149.6



#22
cis-1,2-Dichloroethene
Concen: 0.525 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU057075.D
Acq: 20 Dec 2023 04:04

Tgt Ion: 96 Resp: 9206
Ion Ratio Lower Upper
96 100
61 126.4 91.3 169.6
98 73.0 44.2 82.0

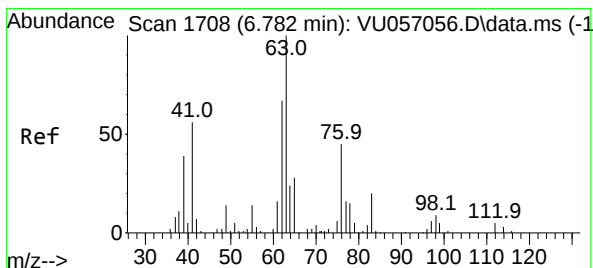
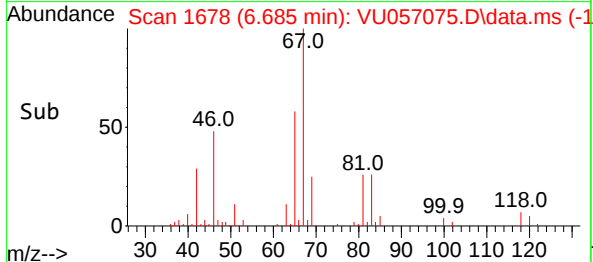
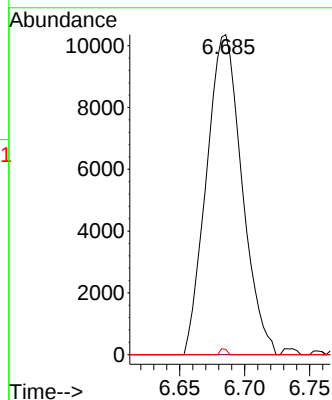
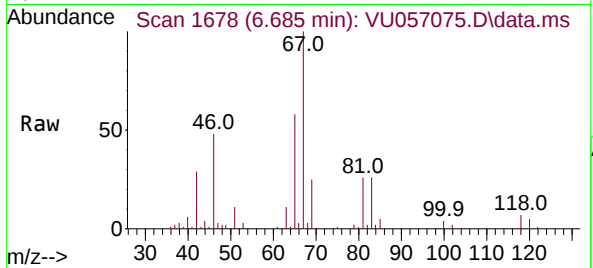




#35
Methylcyclohexane
Concen: 0.702 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057075.D
Acq: 20 Dec 2023 04:04

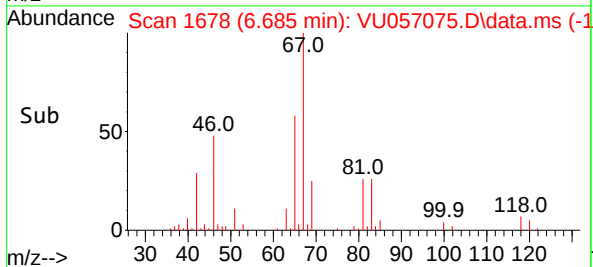
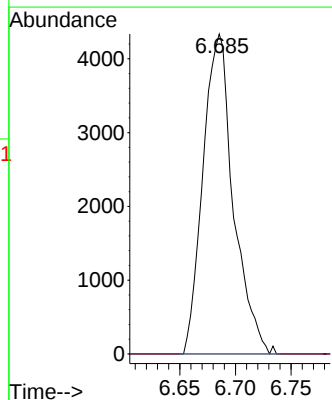
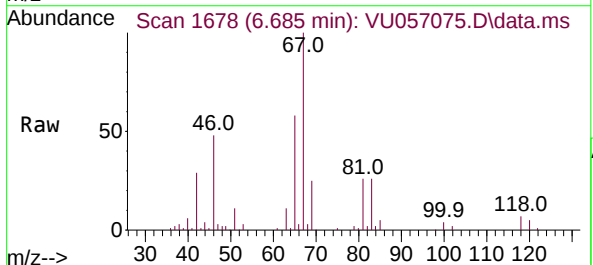
Instrument :
MSVOA_U
ClientSampleId :

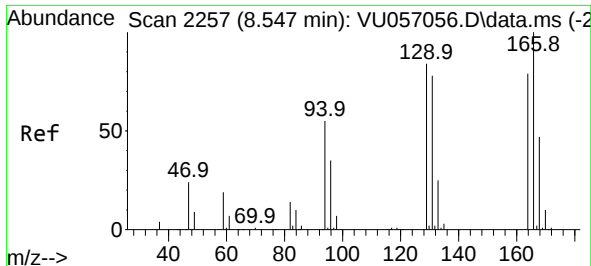
Tgt Ion: 83 Resp: 19677
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 0.4 36.1 54.1#



#37
1,2-Dichloropropane
Concen: 0.465 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.096 min
Lab File: VU057075.D
Acq: 20 Dec 2023 04:04

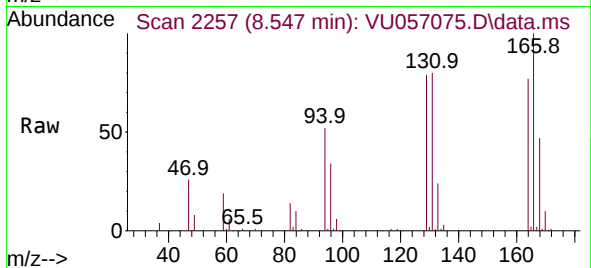
Tgt Ion: 63 Resp: 8237
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



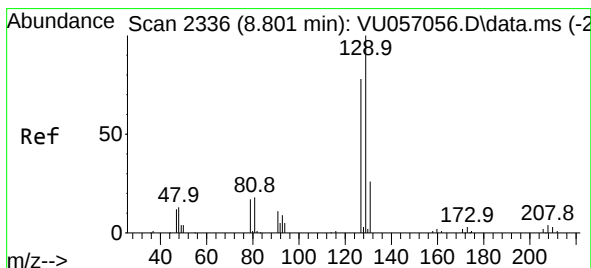
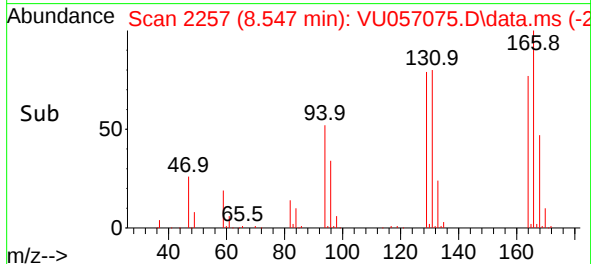
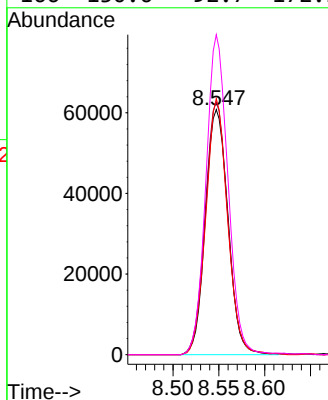


#47
Tetrachloroethene
Concen: 7.855 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057075.D
Acq: 20 Dec 2023 04:04

Instrument :
MSVOA_U
ClientSampleId :

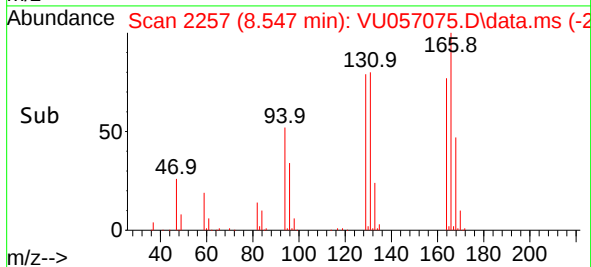
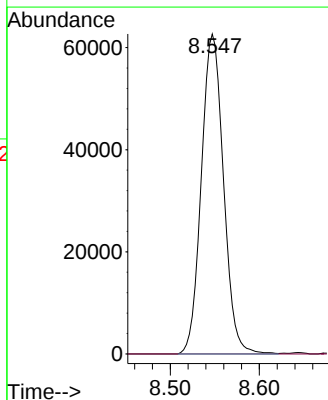
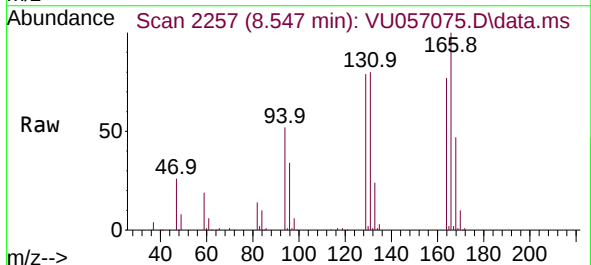


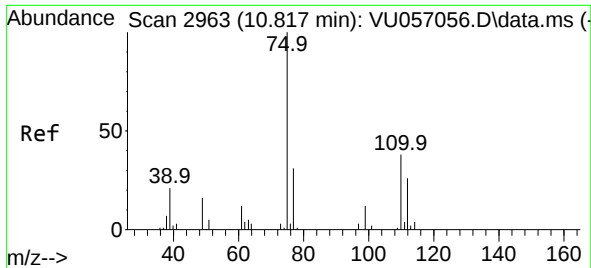
Tgt Ion:164 Resp: 104466
Ion Ratio Lower Upper
164 100
129 103.1 73.4 136.4
131 104.5 71.5 132.9
166 130.6 92.7 172.1



#49
Dibromochloromethane
Concen: 7.860 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.254 min
Lab File: VU057075.D
Acq: 20 Dec 2023 04:04

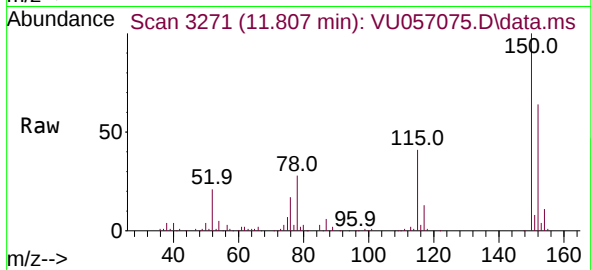
Tgt Ion:129 Resp: 108236
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#





#61
1,2,3-Trichloropropane
Concen: 1.149 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.991 min
Lab File: VU057075.D
Acq: 20 Dec 2023 04:04

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 10496
Ion Ratio Lower Upper
75 100
110 2.4 28.4 42.6#
77 35.8 26.3 39.5

