

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056899.D
 Acq On : 15 Dec 2023 23:39
 Operator : MD/SY
 Sample : 05809-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 16 00:08:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

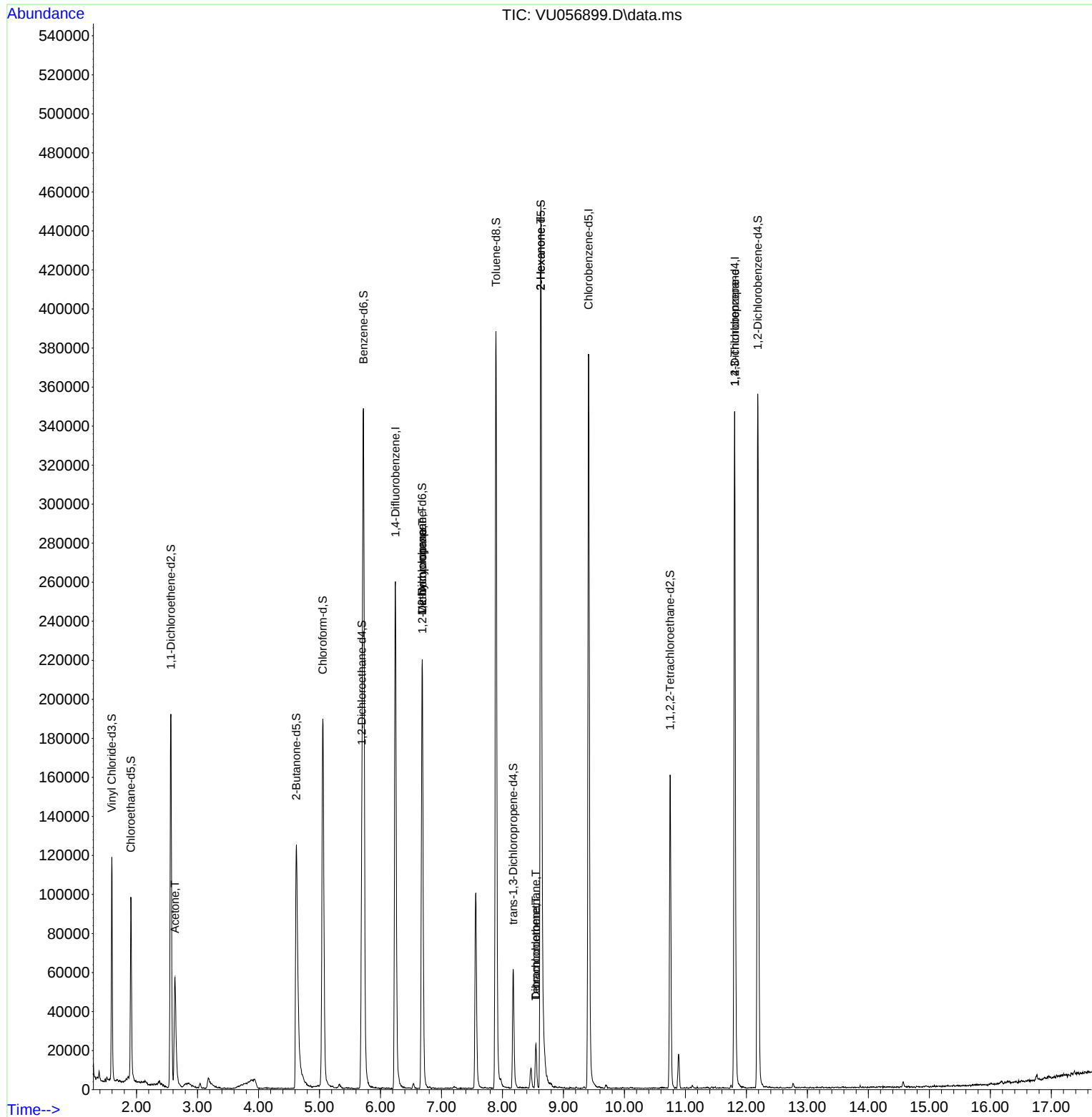
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	216427	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	220354	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	93138	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	81053	4.369	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.907	69	67958	4.895	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.563	65	37764	4.758	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	4.621	46	210497	57.456	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.920%
24) Chloroform-d	5.055	84	183008	5.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
26) 1,2-Dichloroethane-d4	5.695	65	86806	5.222	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.721	84	338159	4.948	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.685	67	111254	5.201	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.000%
41) Toluene-d8	7.894	98	269871	4.418	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	8.177	79	37720	4.547	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.631	63	156242	49.934	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.860%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	82951	5.359	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	95892	5.237	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds						
					Qvalue	
13) Acetone	2.631	43	79091	35.424	ug/L	98
35) Methylcyclohexane	6.685	83	25565	0.815	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	11462	0.579	ug/L #	88
47) Tetrachloroethene	8.547	164	5244	0.353	ug/L	89
48) 2-Hexanone	8.627	43	20145	3.007	ug/L #	76
49) Dibromochloromethane	8.550	129	4812	0.313	ug/L #	11
61) 1,2,3-Trichloropropane	11.811	75	11706	1.171	ug/L #	69

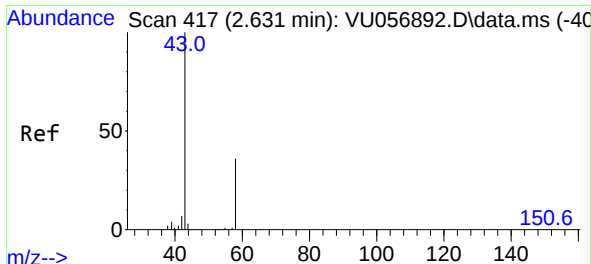
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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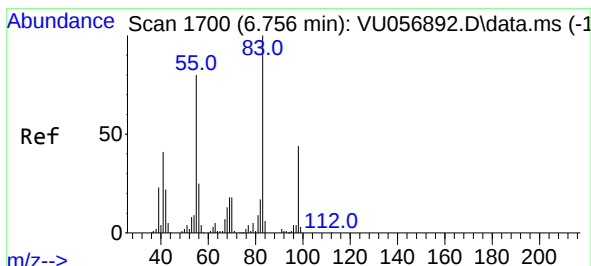
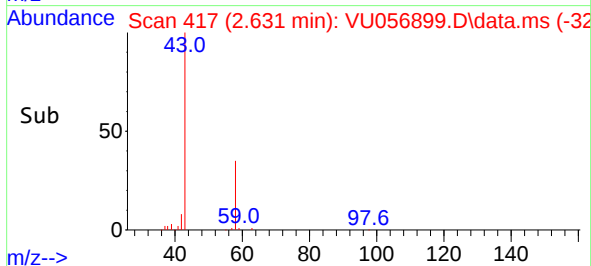
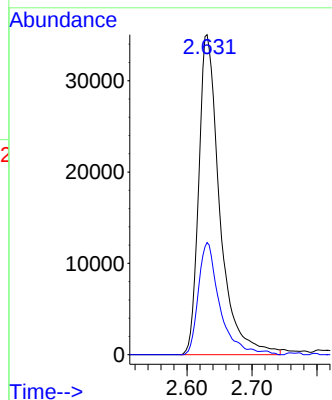
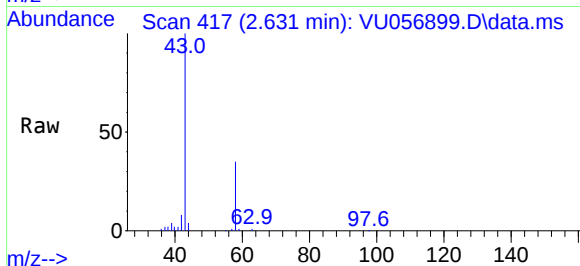




#13
Acetone
Concen: 35.424 ug/L
RT: 2.631 min Scan# 417
Delta R.T. 0.003 min
Lab File: VU056899.D
Acq: 15 Dec 2023 23:39

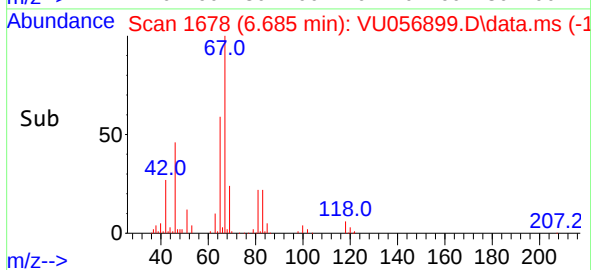
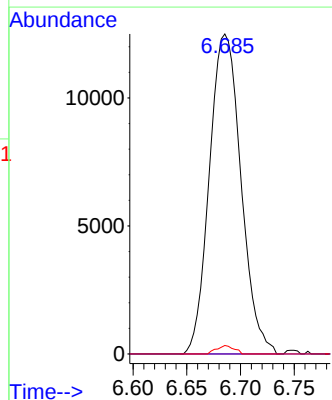
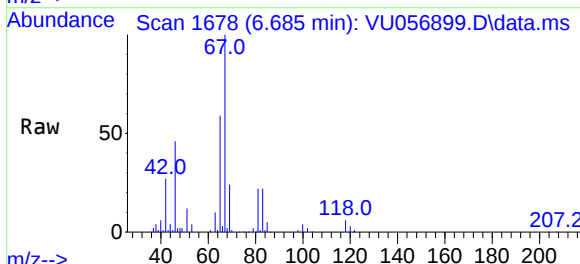
Instrument :
MSVOA_U
ClientSampleId :

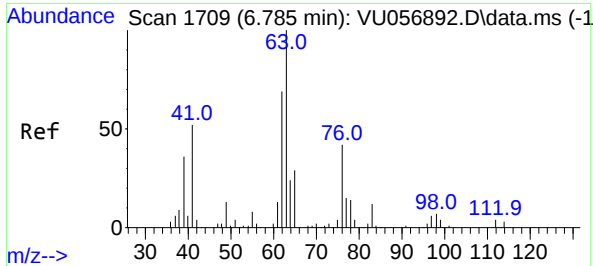
Tgt Ion: 43 Resp: 79091
Ion Ratio Lower Upper
43 100
58 35.2 0.0 72.6



#35
Methylcyclohexane
Concen: 0.815 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056899.D
Acq: 15 Dec 2023 23:39

Tgt Ion: 83 Resp: 25565
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 1.5 36.1 54.1#

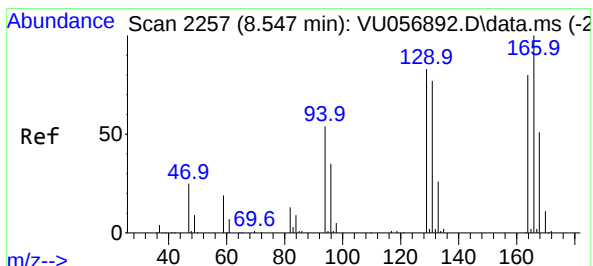
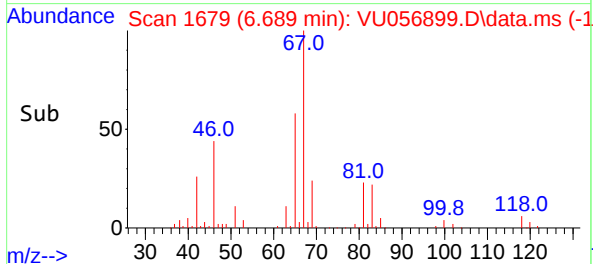
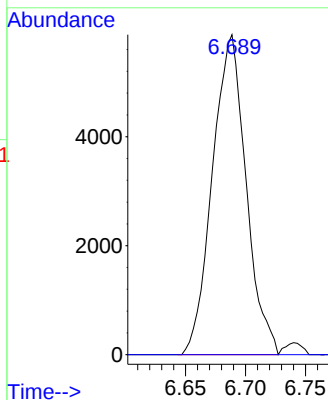
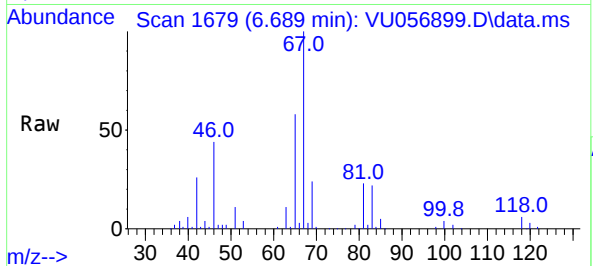




#37
1,2-Dichloropropane
Concen: 0.579 ug/L
RT: 6.689 min Scan# 11462
Delta R.T. -0.097 min
Lab File: VU056899.D
Acq: 15 Dec 2023 23:39

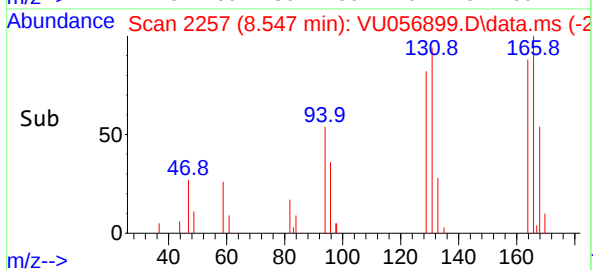
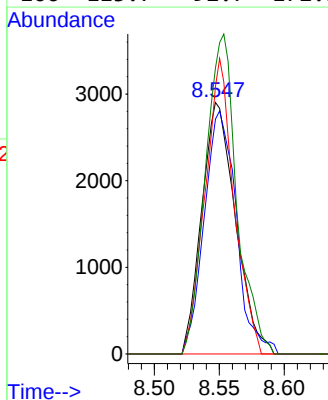
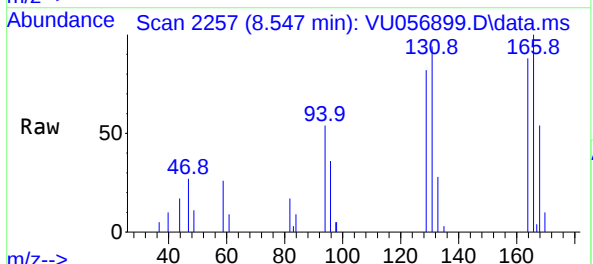
Instrument :
MSVOA_U
ClientSampleId :

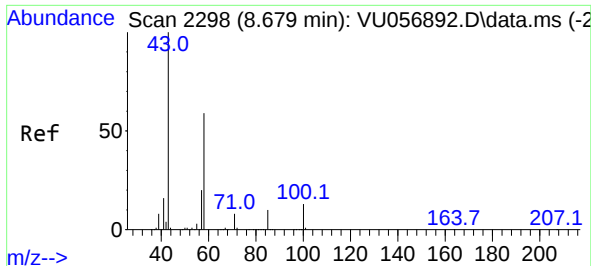
Tgt Ion: 63 Resp: 11462
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#47
Tetrachloroethene
Concen: 0.353 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU056899.D
Acq: 15 Dec 2023 23:39

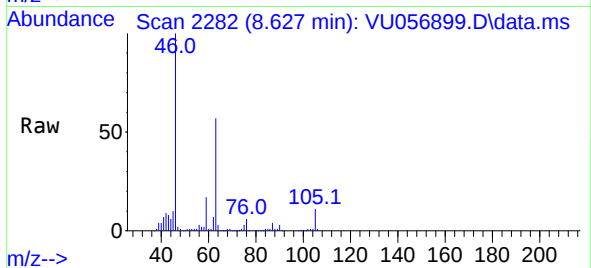
Tgt Ion:164 Resp: 5244
Ion Ratio Lower Upper
164 100
129 93.4 73.4 136.4
131 106.4 71.5 132.9
166 113.7 92.7 172.1



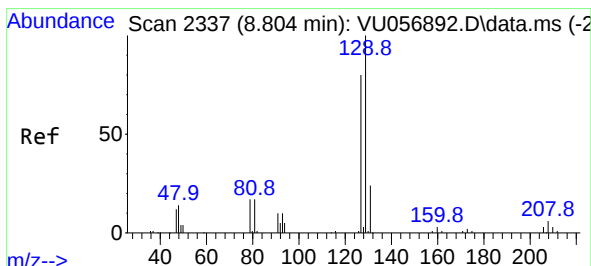
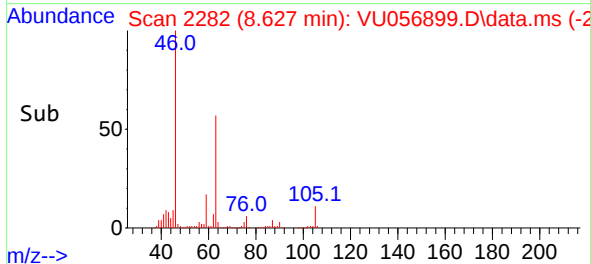
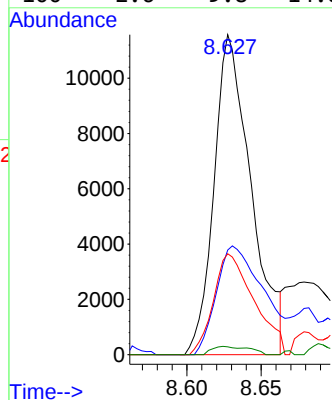


#48
2-Hexanone
Concen: 3.007 ug/L
RT: 8.627 min Scan# 21
Delta R.T. -0.051 min
Lab File: VU056899.D
Acq: 15 Dec 2023 23:39

Instrument :
MSVOA_U
ClientSampleId :

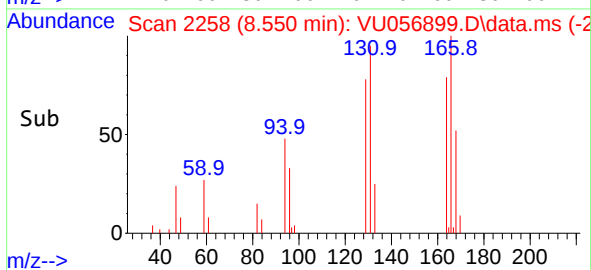
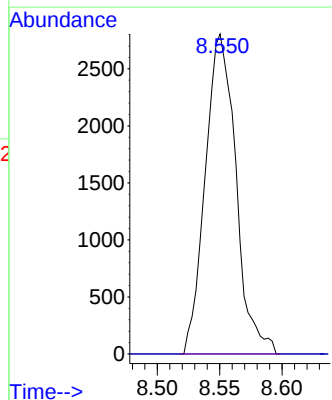
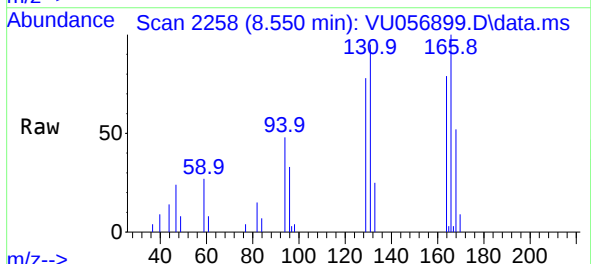


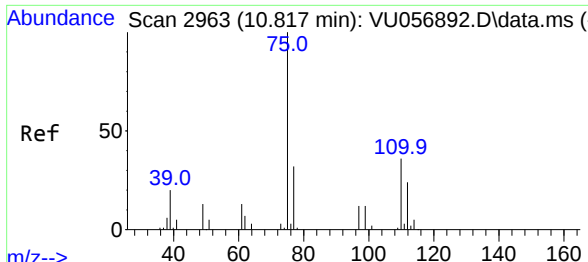
Tgt Ion: 43 Resp: 20145
Ion Ratio Lower Upper
43 100
58 43.0 47.5 71.3#
57 34.5 17.0 25.4#
100 2.6 9.8 14.8#



#49
Dibromochloromethane
Concen: 0.313 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU056899.D
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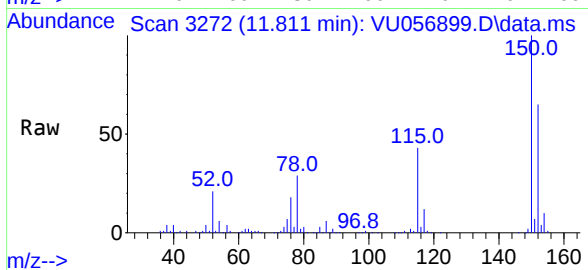
Tgt Ion: 129 Resp: 4812
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#





#61
1,2,3-Trichloropropane
Concen: 1.171 ug/L
RT: 11.811 min Scan# 31
Delta R.T. 0.993 min
Lab File: VU056899.D
Acq: 15 Dec 2023 23:39

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 11706
Ion Ratio Lower Upper
75 100
110 2.0 28.4 42.6#
77 31.3 26.3 39.5

