

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056896.D
 Acq On : 15 Dec 2023 22:27
 Operator : MD/SY
 Sample : 05809-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F7C02

Quant Time: Dec 16 00:07:28 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)

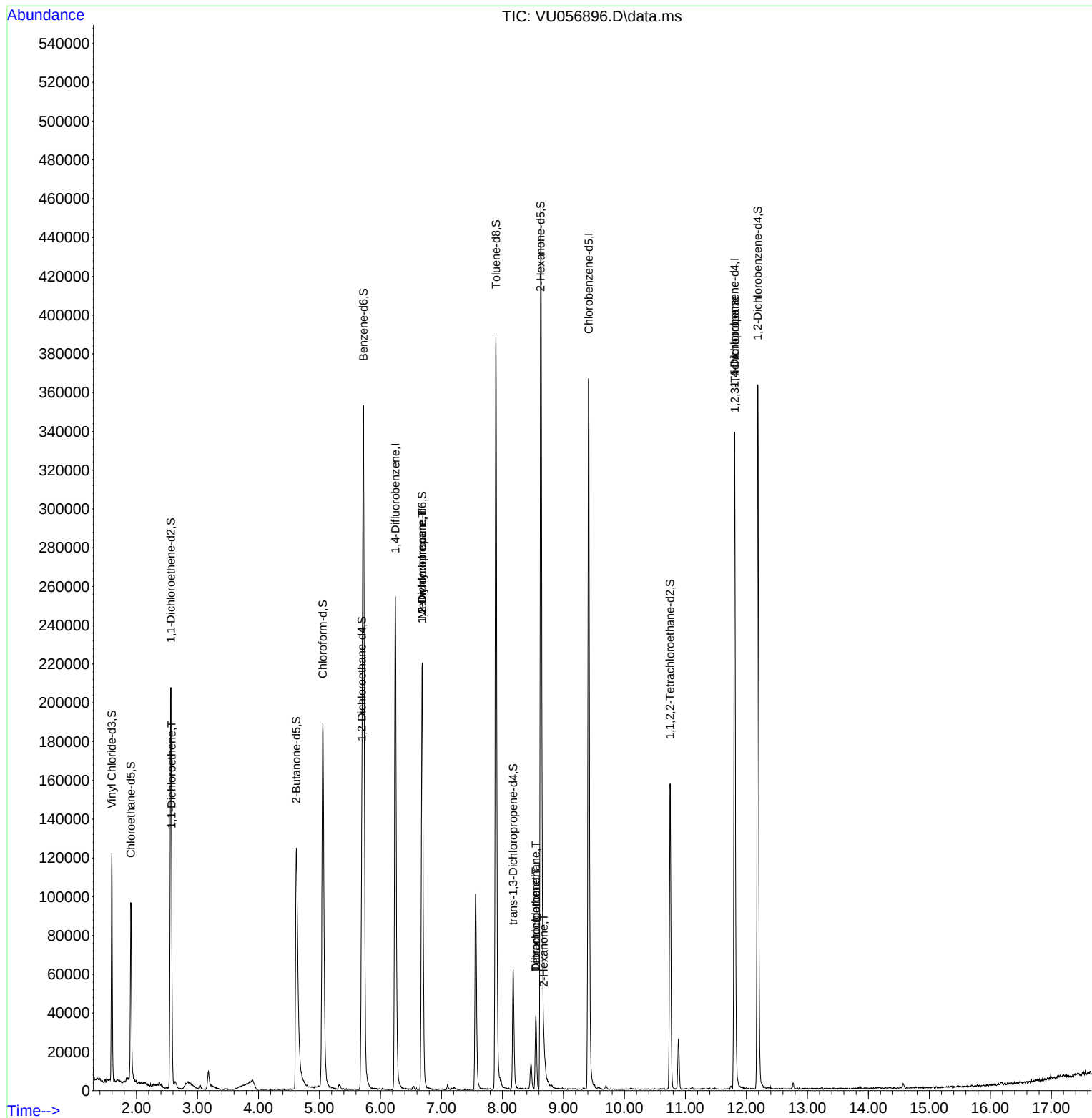
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	208474	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	219413	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	91354	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	82412	4.612	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.200%
7) Chloroethane-d5	1.907	69	67225	5.027	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	2.563	65	36787	4.812	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.200%
20) 2-Butanone-d5	4.621	46	202482	57.377	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.760%
24) Chloroform-d	5.055	84	178542	5.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
26) 1,2-Dichloroethane-d4	5.695	65	88015	5.497	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.000%
32) Benzene-d6	5.721	84	339572	4.990	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.682	67	109661	5.148	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.894	98	271290	4.460	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	8.177	79	39055	4.728	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.600%
46) 2-Hexanone-d5	8.627	63	158224	50.785	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.560%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	80677	5.235	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	97218	5.414	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	11037	0.652	ug/L #	1
35) Methylcyclohexane	6.685	83	25276	0.810	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	11660	0.591	ug/L #	88
47) Tetrachloroethene	8.547	164	8485	0.573	ug/L	95
48) 2-Hexanone	8.679	43	5275	0.791	ug/L #	44
49) Dibromochloromethane	8.550	129	8291	0.541	ug/L #	11
61) 1,2,3-Trichloropropane	11.811	75	12016	1.225	ug/L #	70

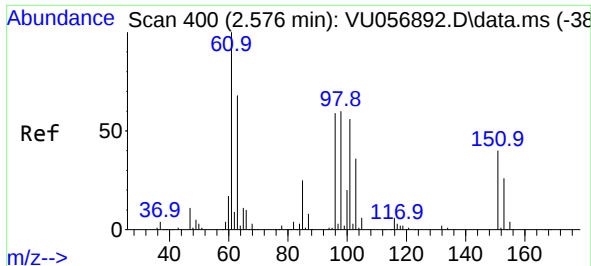
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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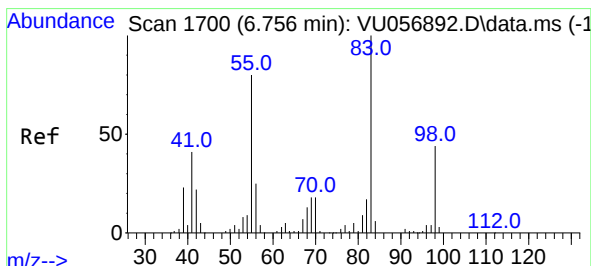
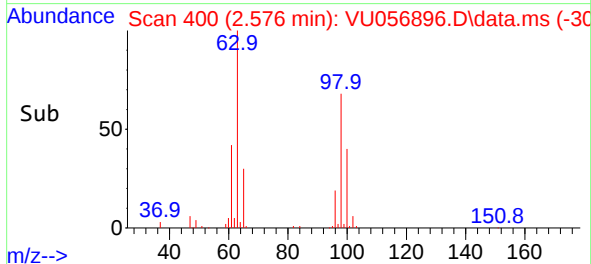
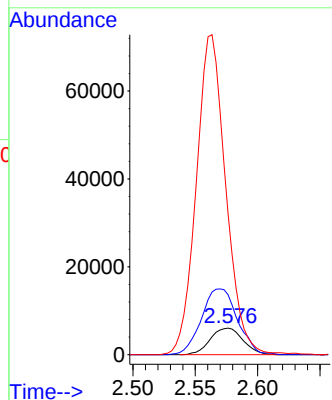
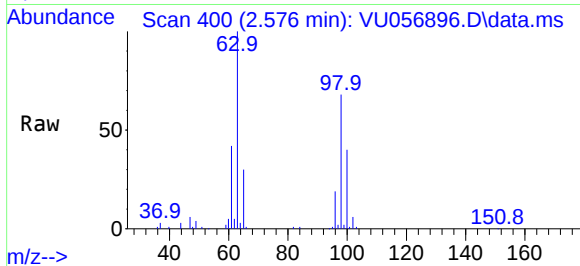




#12
1,1-Dichloroethene
Concen: 0.652 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056896.D
Acq: 15 Dec 2023 22:27

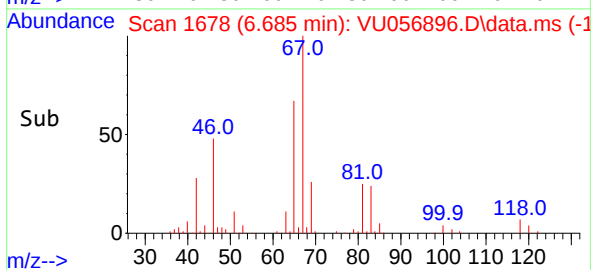
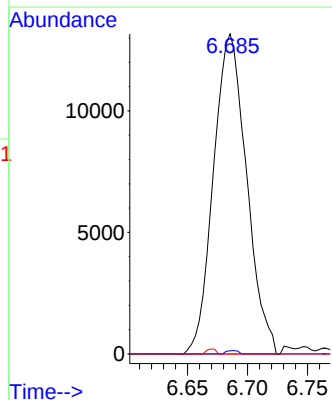
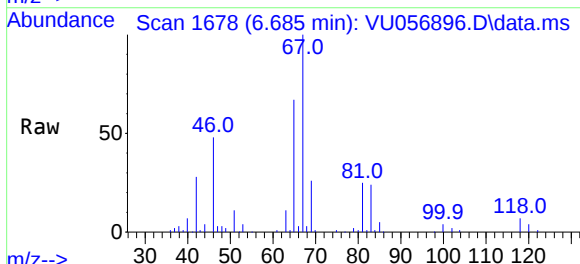
Instrument :
MSVOA_U
ClientSampleId :
F7C02

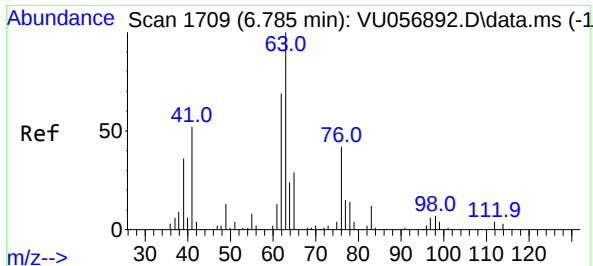
Tgt Ion: 96 Resp: 11037
Ion Ratio Lower Upper
96 100
61 226.2 119.0 221.0#
63 532.2 88.7 164.7#



#35
Methylcyclohexane
Concen: 0.810 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056896.D
Acq: 15 Dec 2023 22:27

Tgt Ion: 83 Resp: 25276
Ion Ratio Lower Upper
83 100
55 0.4 64.6 97.0#
98 0.4 36.1 54.1#

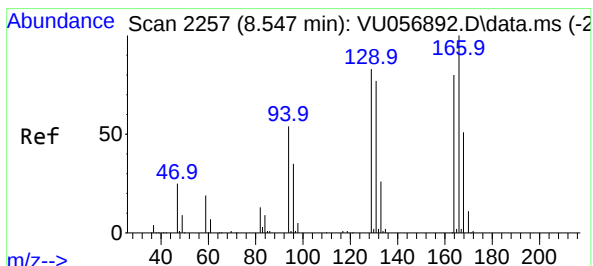
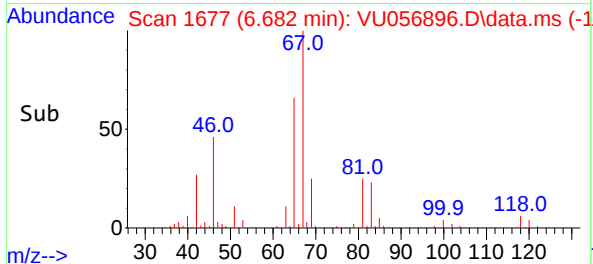
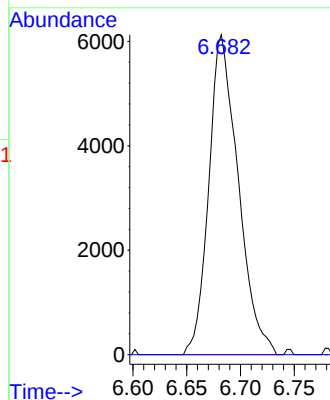
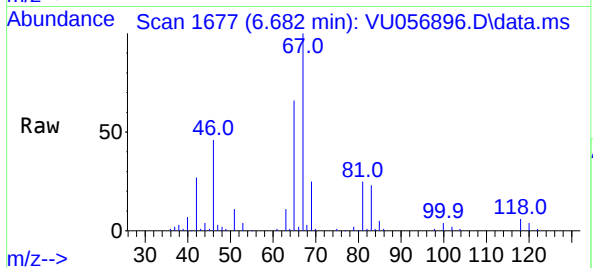




#37
1,2-Dichloropropane
Concen: 0.591 ug/L
RT: 6.682 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU056896.D
Acq: 15 Dec 2023 22:27

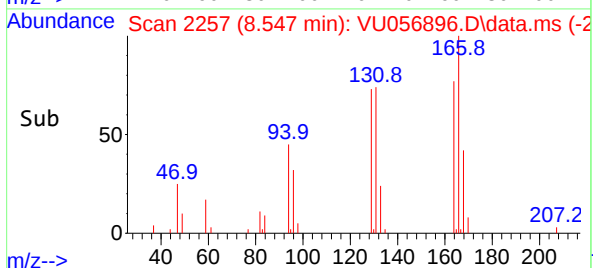
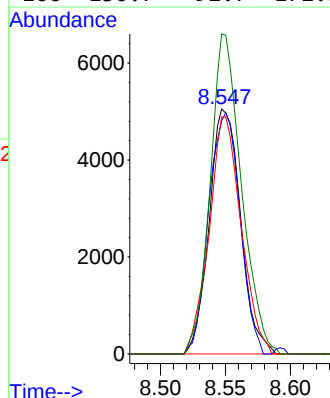
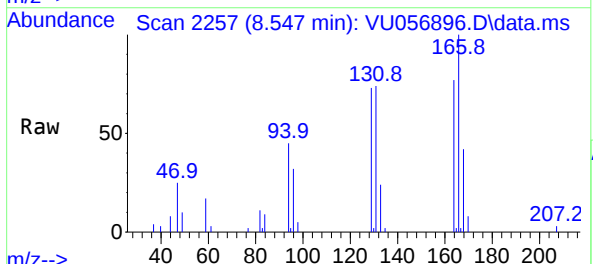
Instrument :
MSVOA_U
ClientSampleId :
F7C02

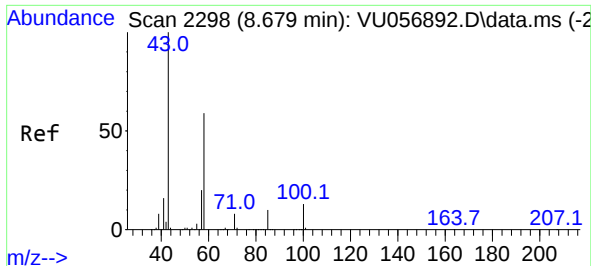
Tgt Ion: 63 Resp: 11660
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#47
Tetrachloroethene
Concen: 0.573 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU056896.D
Acq: 15 Dec 2023 22:27

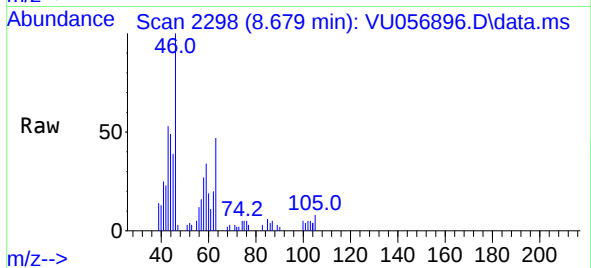
Tgt Ion:164 Resp: 8485
Ion Ratio Lower Upper
164 100
129 95.1 73.4 136.4
131 96.7 71.5 132.9
166 130.7 92.7 172.1



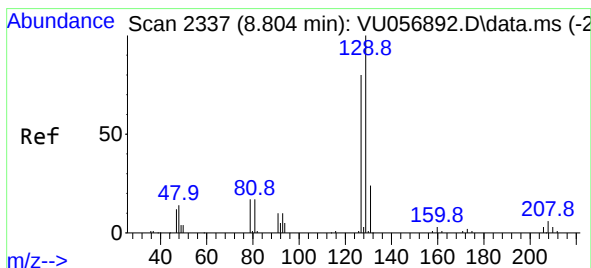
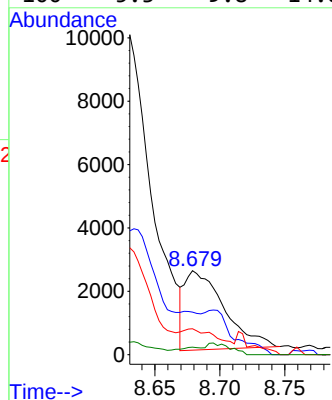
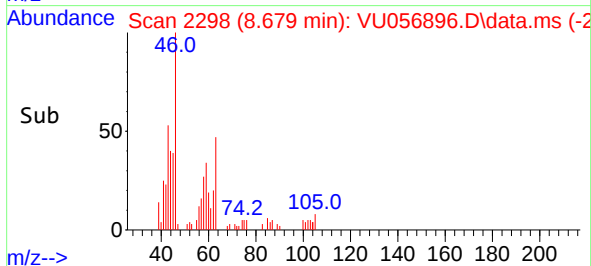


#48
2-Hexanone
Concen: 0.791 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056896.D
Acq: 15 Dec 2023 22:27

Instrument :
MSVOA_U
ClientSampleId :
F7C02

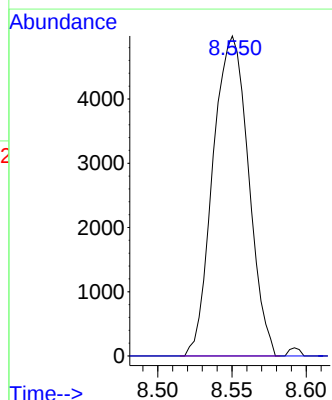
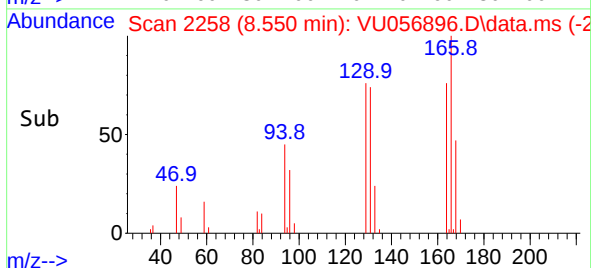
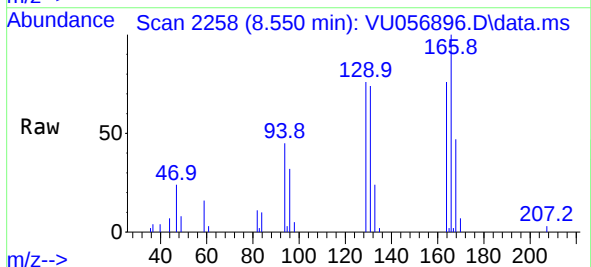


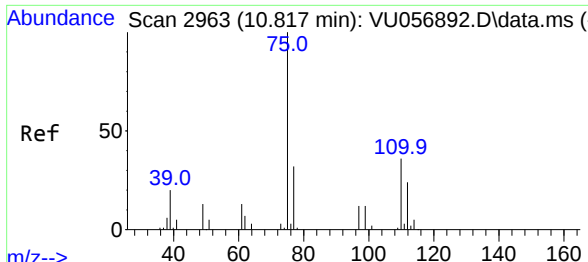
Tgt Ion: 43 Resp: 5275
Ion Ratio Lower Upper
43 100
58 0.0 47.5 71.3#
57 28.1 17.0 25.4#
100 5.3 9.8 14.8#



#49
Dibromochloromethane
Concen: 0.541 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU056896.D
Acq: 15 Dec 2023 22:27

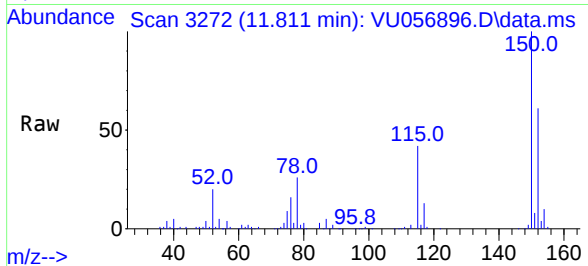
Tgt Ion: 129 Resp: 8291
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.225 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU056896.D
 Acq: 15 Dec 2023 22:27

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion: 75 Resp: 12016
 Ion Ratio Lower Upper
 75 100
 110 3.5 28.4 42.6#
 77 30.6 26.3 39.5

