

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121623\
 Data File : VU056928.D
 Acq On : 16 Dec 2023 15:38
 Operator : MD/SY
 Sample : 05810-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 16 23:47:36 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)

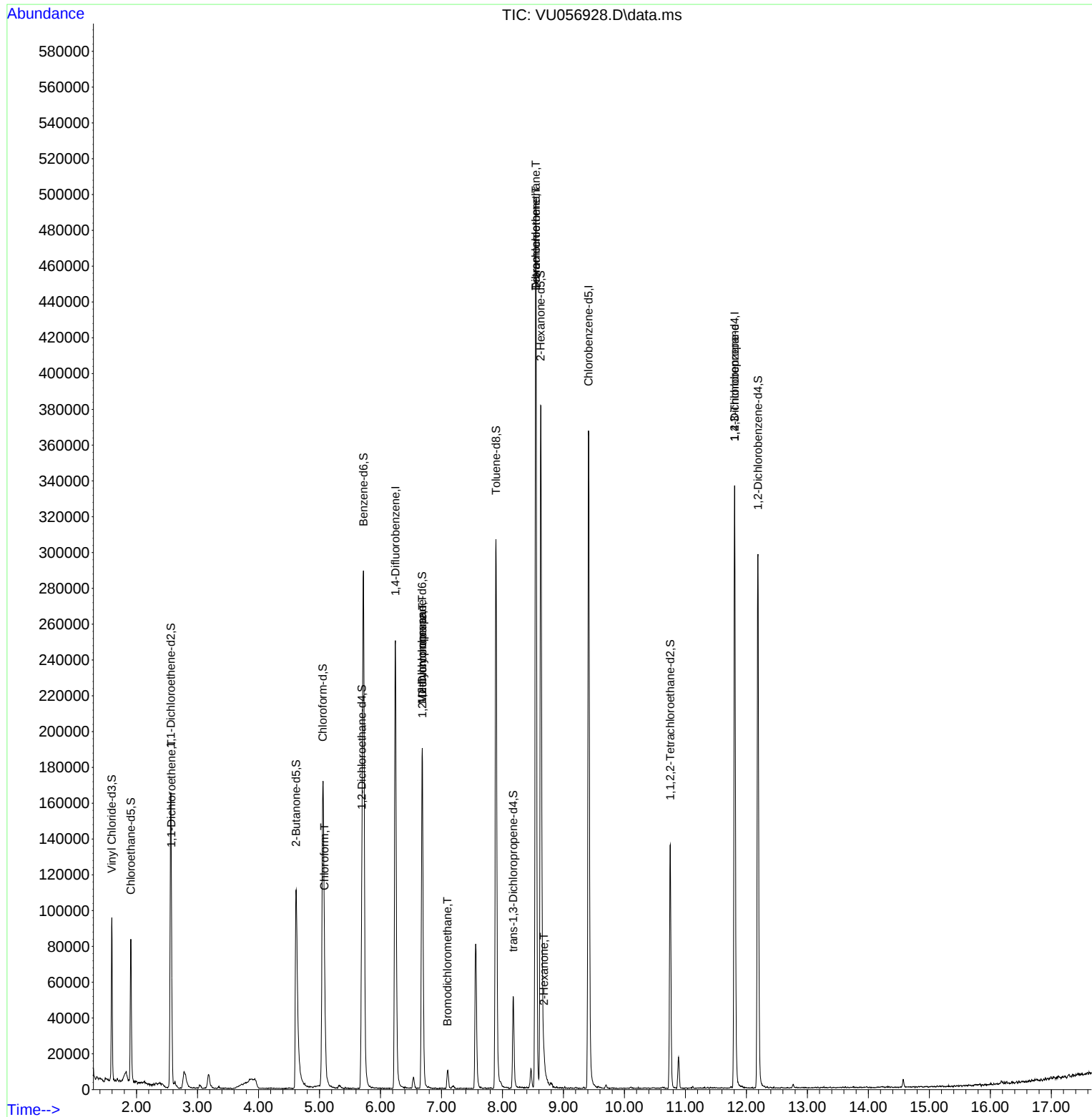
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	205172	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	217377	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	89750	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	64661	3.677	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.907	69	60577	4.603	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.563	65	30038	3.992	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.800%
20) 2-Butanone-d5	4.615	46	173115	49.844	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.680%
24) Chloroform-d	5.055	84	156274	4.693	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.695	65	75940	4.819	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.721	84	273104	4.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	6.685	67	91663	4.344	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.894	98	213049	3.535	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.800%
43) trans-1,3-Dichloroprop...	8.177	79	32327	3.950	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.000%
46) 2-Hexanone-d5	8.627	63	131693	42.665	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.320%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	70482	4.616	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	78718	4.462	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	8431	0.506	ug/L #	1
25) Chloroform	5.081	83	42011	1.234	ug/L	98
35) Methylcyclohexane	6.685	83	22115	0.715	ug/L #	17
37) 1,2-Dichloropropane	6.689	63	9795	0.501	ug/L #	89
38) Bromodichloromethane	7.100	83	7815	0.314	ug/L #	92
47) Tetrachloroethene	8.547	164	107847	7.354	ug/L	97
48) 2-Hexanone	8.682	43	4161	0.630	ug/L #	75
49) Dibromochloromethane	8.547	129	112203	7.389	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	11885	1.233	ug/L #	69

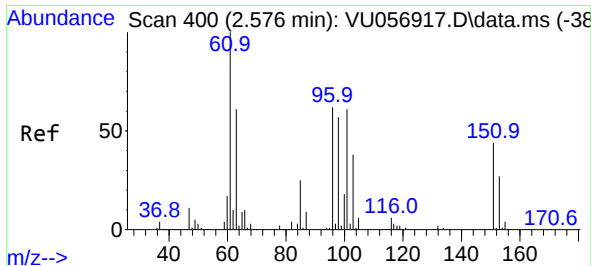
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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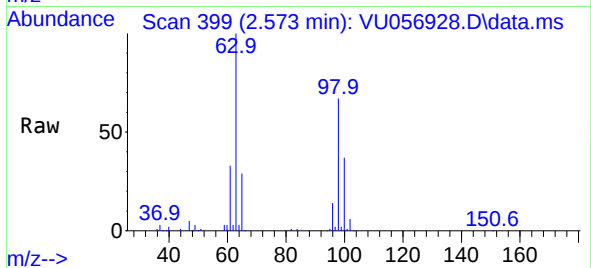
Quant Time: Dec 16 23:47:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
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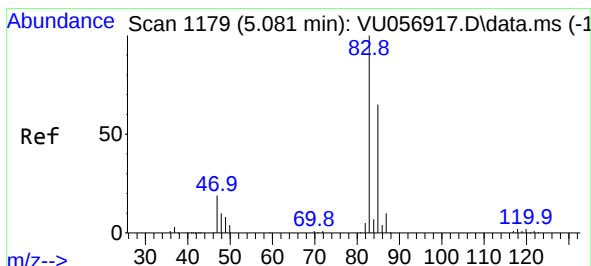
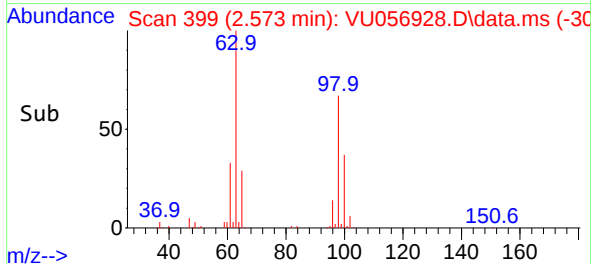
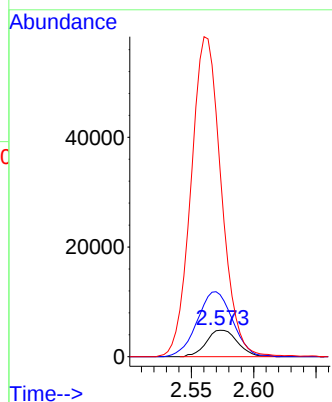


#12
1,1-Dichloroethene
Concen: 0.506 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU056928.D
Acq: 16 Dec 2023 15:38

Instrument :
MSVOA_U
ClientSampleId :

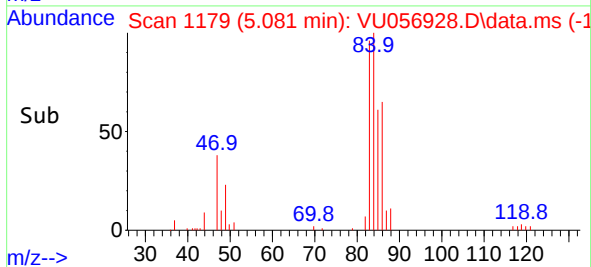
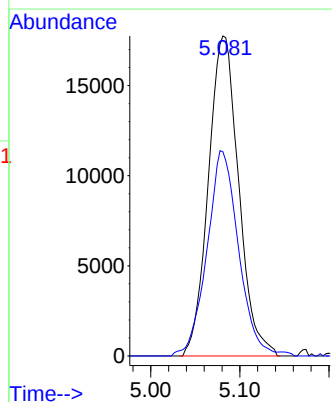
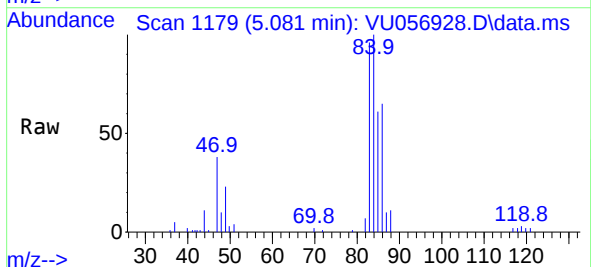


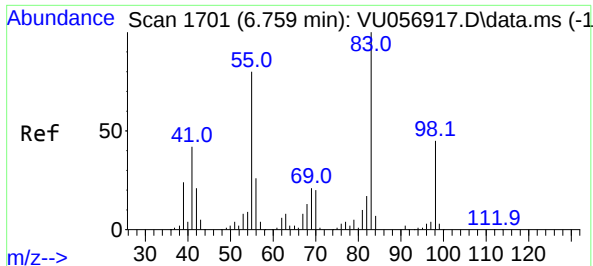
Tgt Ion: 96 Resp: 8431
Ion Ratio Lower Upper
96 100
61 235.8 119.0 221.0#
63 710.9 88.7 164.7#



#25
Chloroform
Concen: 1.234 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VU056928.D
Acq: 16 Dec 2023 15:38

Tgt Ion: 83 Resp: 42011
Ion Ratio Lower Upper
83 100
85 63.8 45.8 85.0

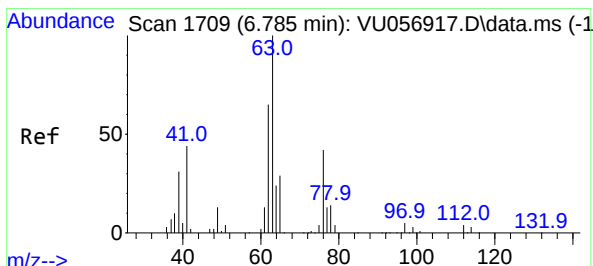
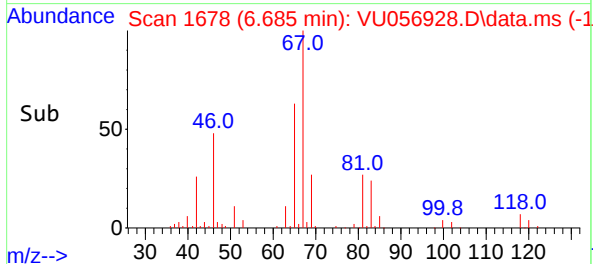
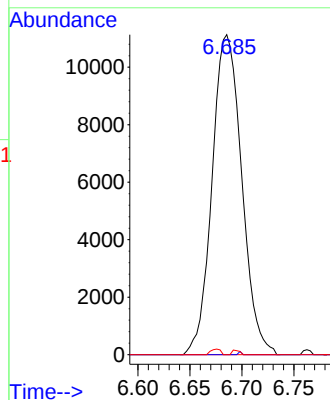
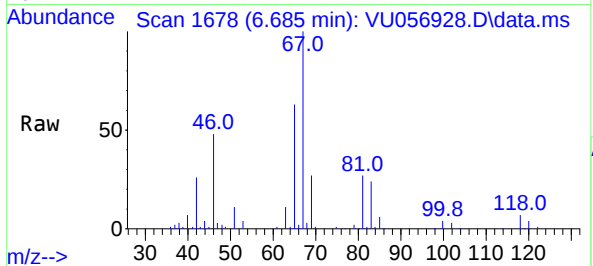




#35
Methylcyclohexane
Concen: 0.715 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056928.D
Acq: 16 Dec 2023 15:38

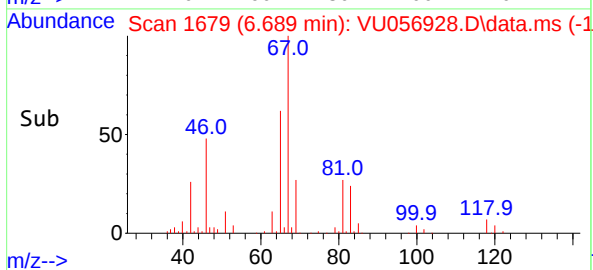
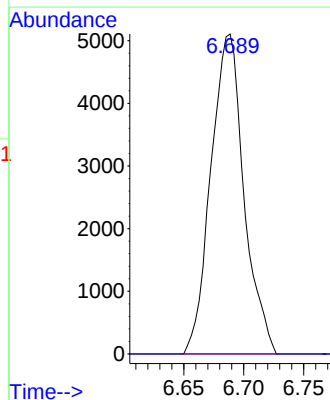
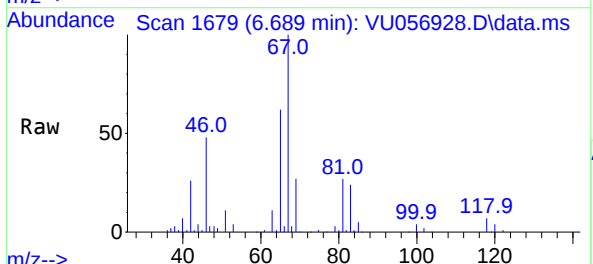
Instrument :
MSVOA_U
ClientSampleId :

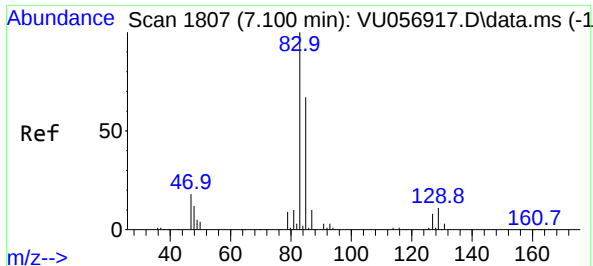
Tgt Ion: 83 Resp: 22115
Ion Ratio Lower Upper
83 100
55 0.1 64.6 97.0#
98 0.4 36.1 54.1#



#37
1,2-Dichloropropane
Concen: 0.501 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.097 min
Lab File: VU056928.D
Acq: 16 Dec 2023 15:38

Tgt Ion: 63 Resp: 9795
Ion Ratio Lower Upper
63 100
112 0.5 3.3 4.9#

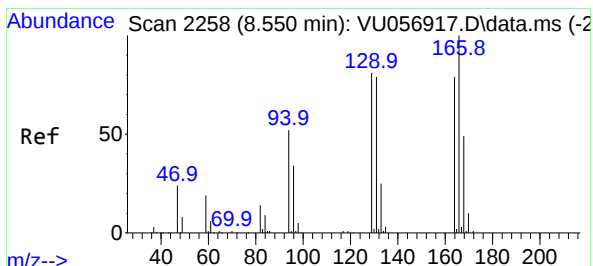
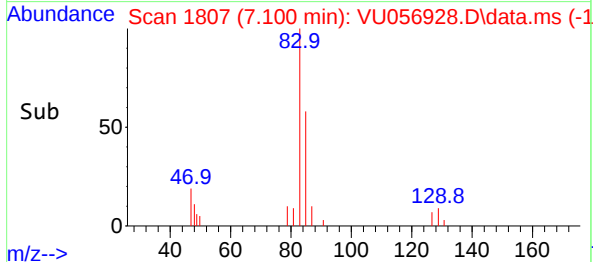
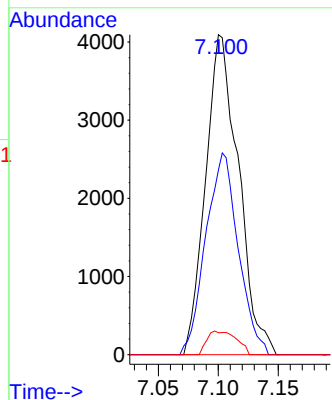
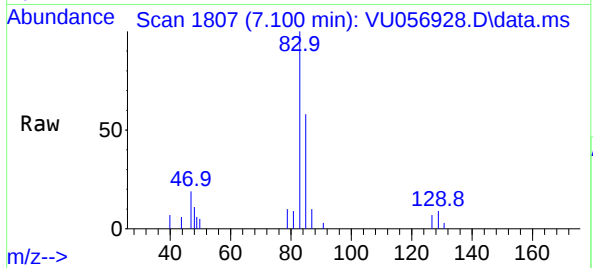




#38
Bromodichloromethane
Concen: 0.314 ug/L
RT: 7.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU056928.D
Acq: 16 Dec 2023 15:38

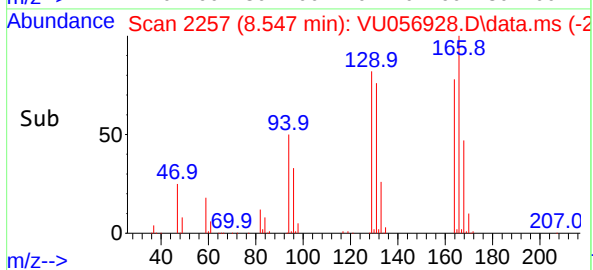
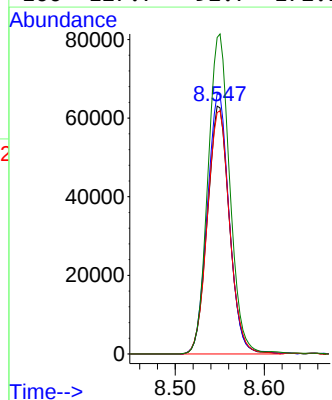
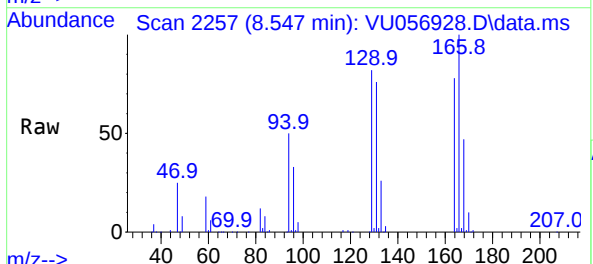
Instrument :
MSVOA_U
ClientSampleId :

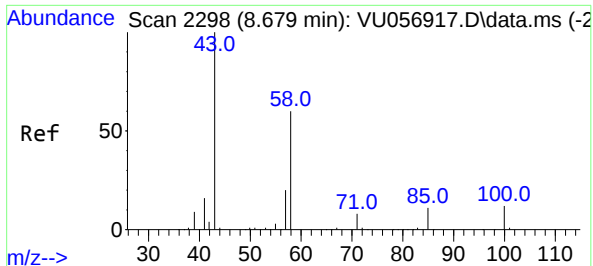
Tgt Ion: 83 Resp: 7815
Ion Ratio Lower Upper
83 100
85 57.7 45.0 83.6
127 6.9 7.0 10.4#



#47
Tetrachloroethene
Concen: 7.354 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU056928.D
Acq: 16 Dec 2023 15:38

Tgt Ion:164 Resp: 107847
Ion Ratio Lower Upper
164 100
129 105.1 73.4 136.4
131 97.4 71.5 132.9
166 127.7 92.7 172.1

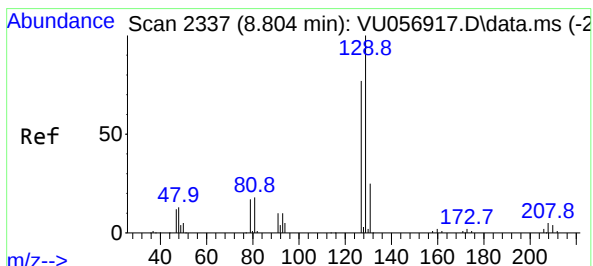
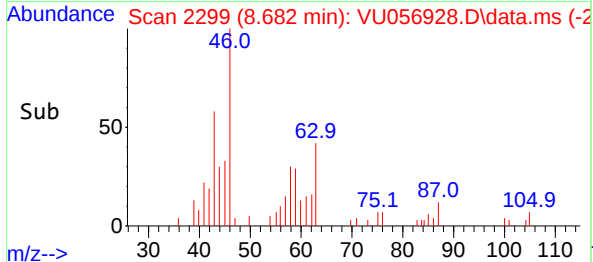
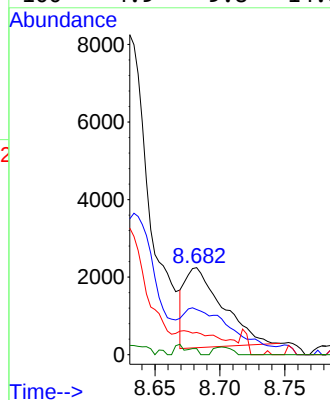
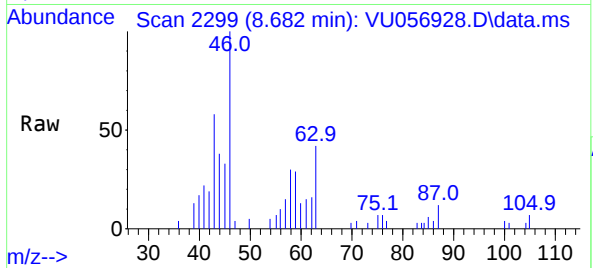




#48
2-Hexanone
Concen: 0.630 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056928.D
Acq: 16 Dec 2023 15:38

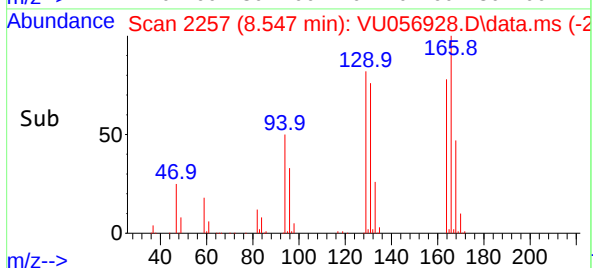
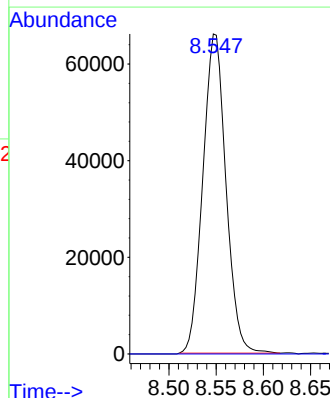
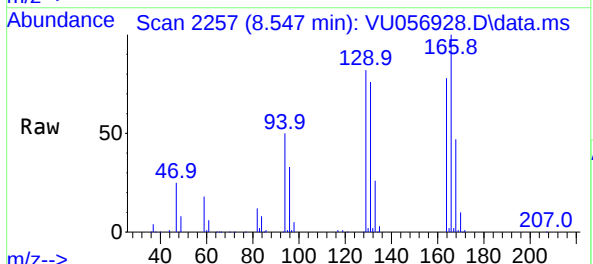
Instrument :
MSVOA_U
ClientSampleId :

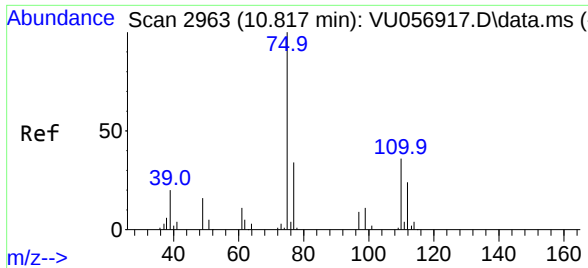
Tgt Ion: 43 Resp: 4161
Ion Ratio Lower Upper
43 100
58 80.1 47.5 71.3#
57 32.2 17.0 25.4#
100 4.9 9.8 14.8#



#49
Dibromochloromethane
Concen: 7.389 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU056928.D
Acq: 16 Dec 2023 15:38

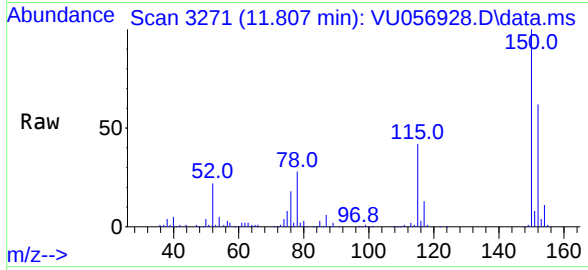
Tgt Ion: 129 Resp: 112203
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#





#61
1,2,3-Trichloropropane
Concen: 1.233 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU056928.D
Acq: 16 Dec 2023 15:38

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 11885
Ion Ratio Lower Upper
75 100
110 1.0 28.4 42.6#
77 32.4 26.3 39.5

