

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121623\
 Data File : VU056925.D
 Acq On : 16 Dec 2023 14:26
 Operator : MD/SY
 Sample : 05810-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 16 23:47:06 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)

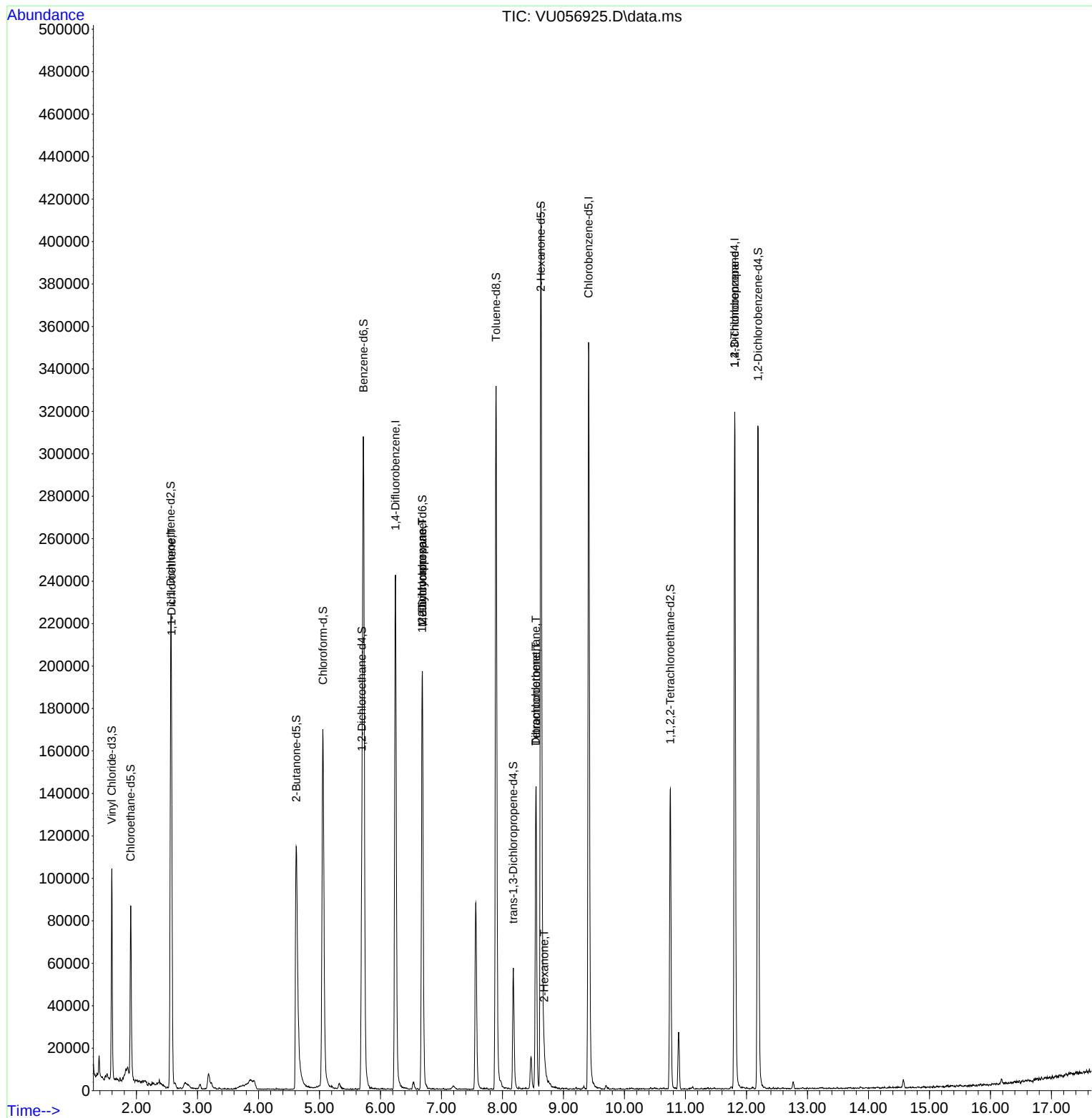
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	198315	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	204567	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	85066	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	69660	4.098	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.904	69	62025	4.876	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.560	65	31001	4.262	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	4.618	46	185126	55.146	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.300%
24) Chloroform-d	5.055	84	162727	5.055	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.695	65	78695	5.166	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.721	84	293839	4.631	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.685	67	99086	4.989	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.894	98	230366	4.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	8.177	79	35016	4.546	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.627	63	141695	48.780	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.560%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	73958	5.147	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	85656	5.122	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	34505	2.143	ug/L #	60
35) Methylcyclohexane	6.685	83	23499	0.807	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	10229	0.556	ug/L #	88
47) Tetrachloroethene	8.547	164	31504	2.283	ug/L	93
48) 2-Hexanone	8.685	43	5542	0.891	ug/L #	40
49) Dibromochloromethane	8.547	129	33229	2.325	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	10436	1.143	ug/L #	70

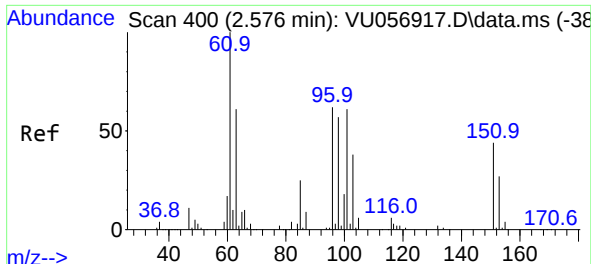
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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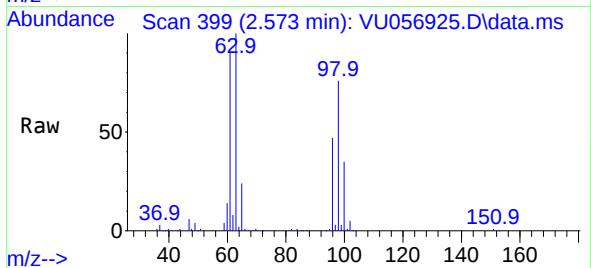
Quant Time: Dec 16 23:47:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
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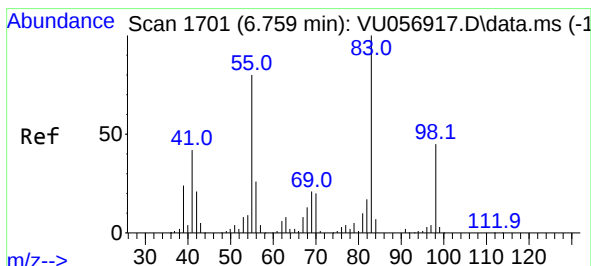
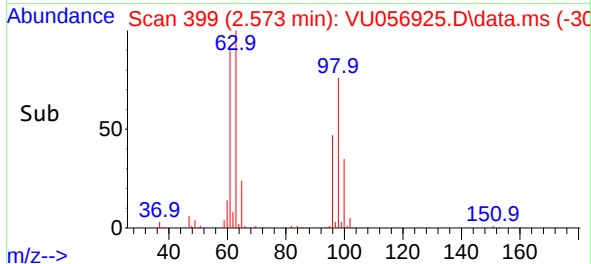
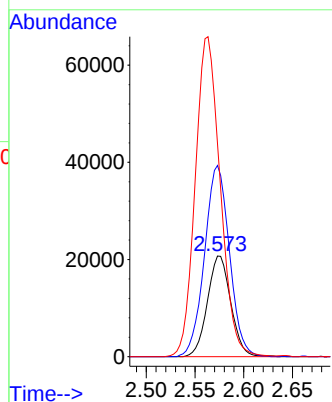


#12
1,1-Dichloroethene
Concen: 2.143 ug/L
RT: 2.573 min Scan# 34
Delta R.T. -0.003 min
Lab File: VU056925.D
Acq: 16 Dec 2023 14:26

Instrument :
MSVOA_U
ClientSampleId :

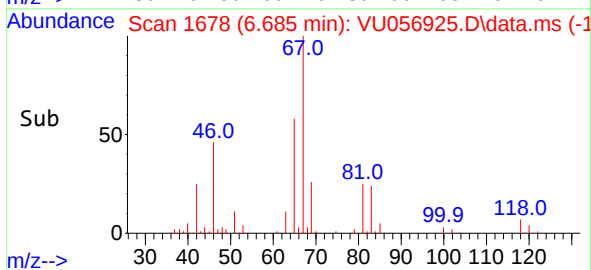
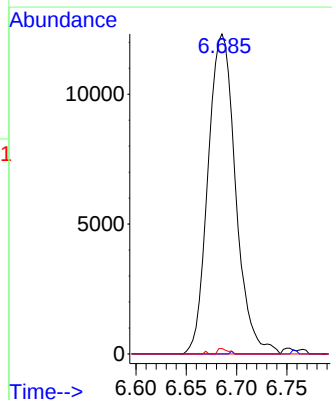
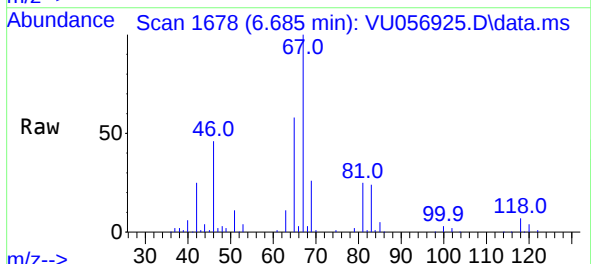


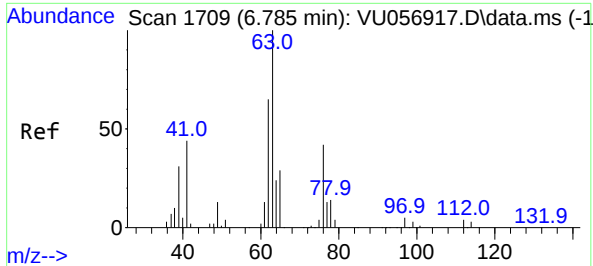
Tgt Ion: 96 Resp: 34505
Ion Ratio Lower Upper
96 100
61 190.1 119.0 221.0
63 212.1 88.7 164.7#



#35
Methylcyclohexane
Concen: 0.807 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056925.D
Acq: 16 Dec 2023 14:26

Tgt Ion: 83 Resp: 23499
Ion Ratio Lower Upper
83 100
55 0.1 64.6 97.0#
98 0.6 36.1 54.1#

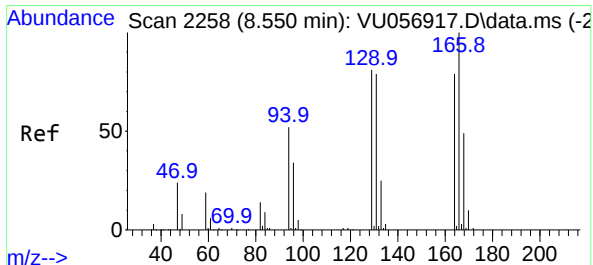
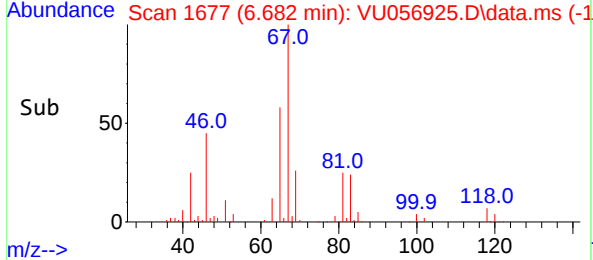
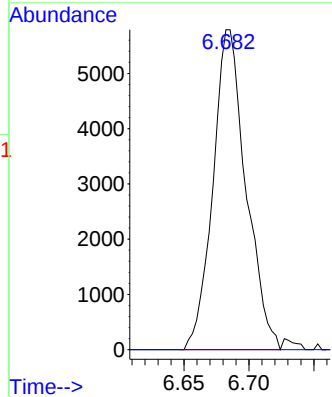
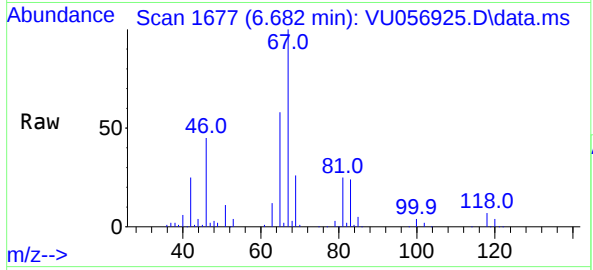




#37
1,2-Dichloropropane
Concen: 0.556 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU056925.D
Acq: 16 Dec 2023 14:26

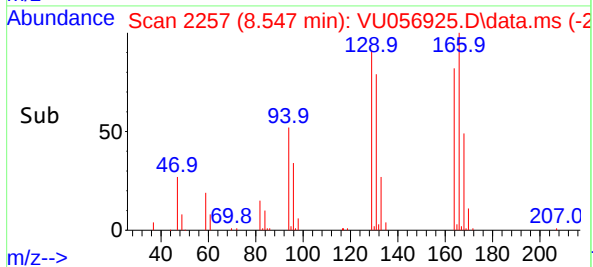
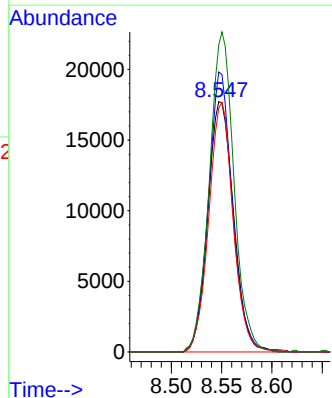
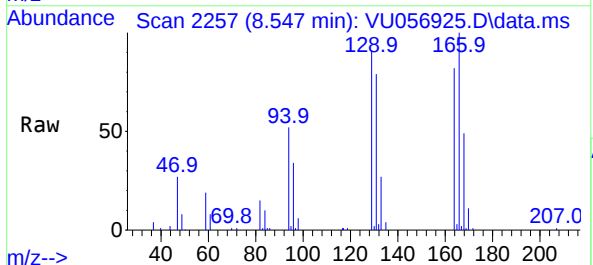
Instrument :
MSVOA_U
ClientSampleId :

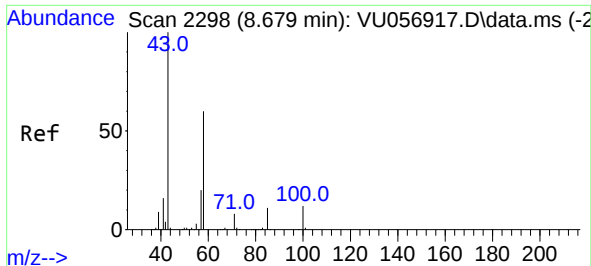
Tgt Ion: 63 Resp: 10229
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#47
Tetrachloroethene
Concen: 2.283 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU056925.D
Acq: 16 Dec 2023 14:26

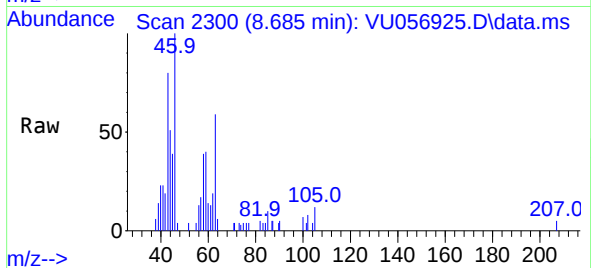
Tgt Ion:164 Resp: 31504
Ion Ratio Lower Upper
164 100
129 111.8 73.4 136.4
131 97.4 71.5 132.9
166 122.6 92.7 172.1



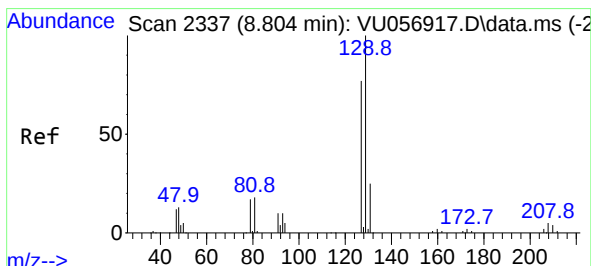
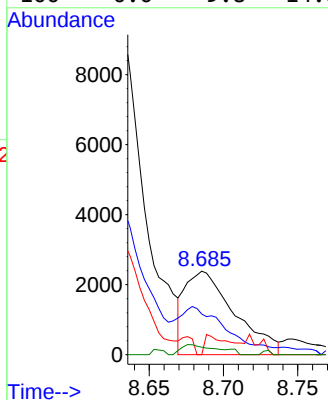
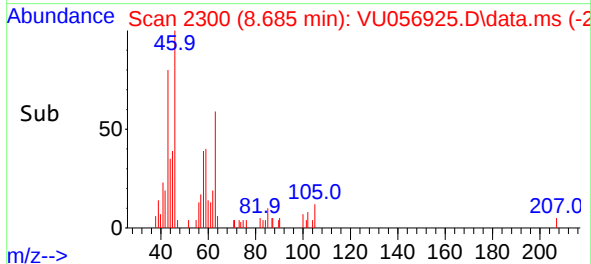


#48
2-Hexanone
Concen: 0.891 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU056925.D
Acq: 16 Dec 2023 14:26

Instrument :
MSVOA_U
ClientSampleId :

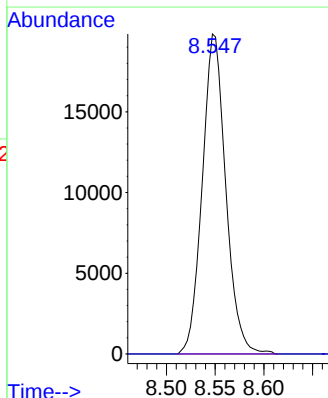
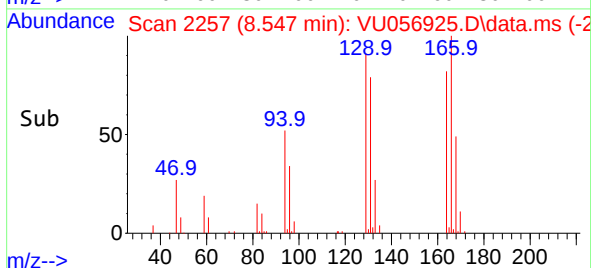
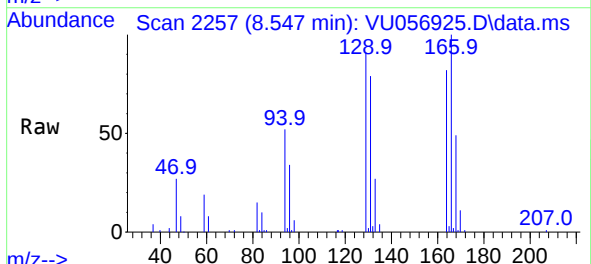


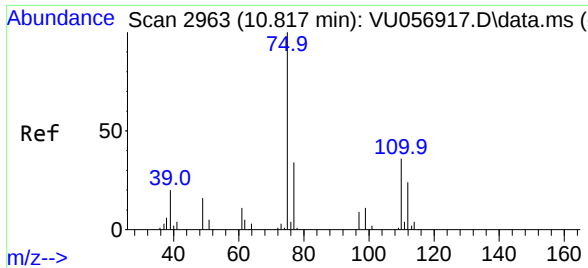
Tgt Ion: 43 Resp: 5542
Ion Ratio Lower Upper
43 100
58 0.0 47.5 71.3#
57 10.5 17.0 25.4#
100 0.0 9.8 14.8#



#49
Dibromochloromethane
Concen: 2.325 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU056925.D
Acq: 16 Dec 2023 14:26

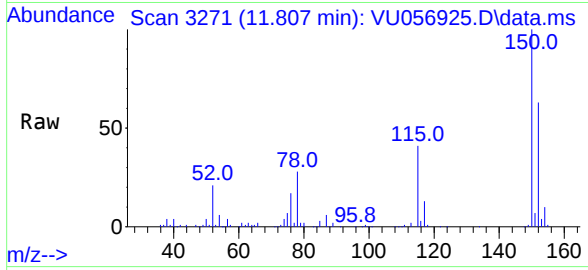
Tgt Ion: 129 Resp: 33229
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.143 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU056925.D
 Acq: 16 Dec 2023 14:26

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 10436
 Ion Ratio Lower Upper
 75 100
 110 3.7 28.4 42.6#
 77 30.5 26.3 39.5

