

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
 Data File : VU055957.D
 Acq On : 28 Oct 2023 06:07
 Operator : MD/SY
 Sample : 05103-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 28 07:41:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 05:19:13 2023
 Response via : Initial Calibration

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

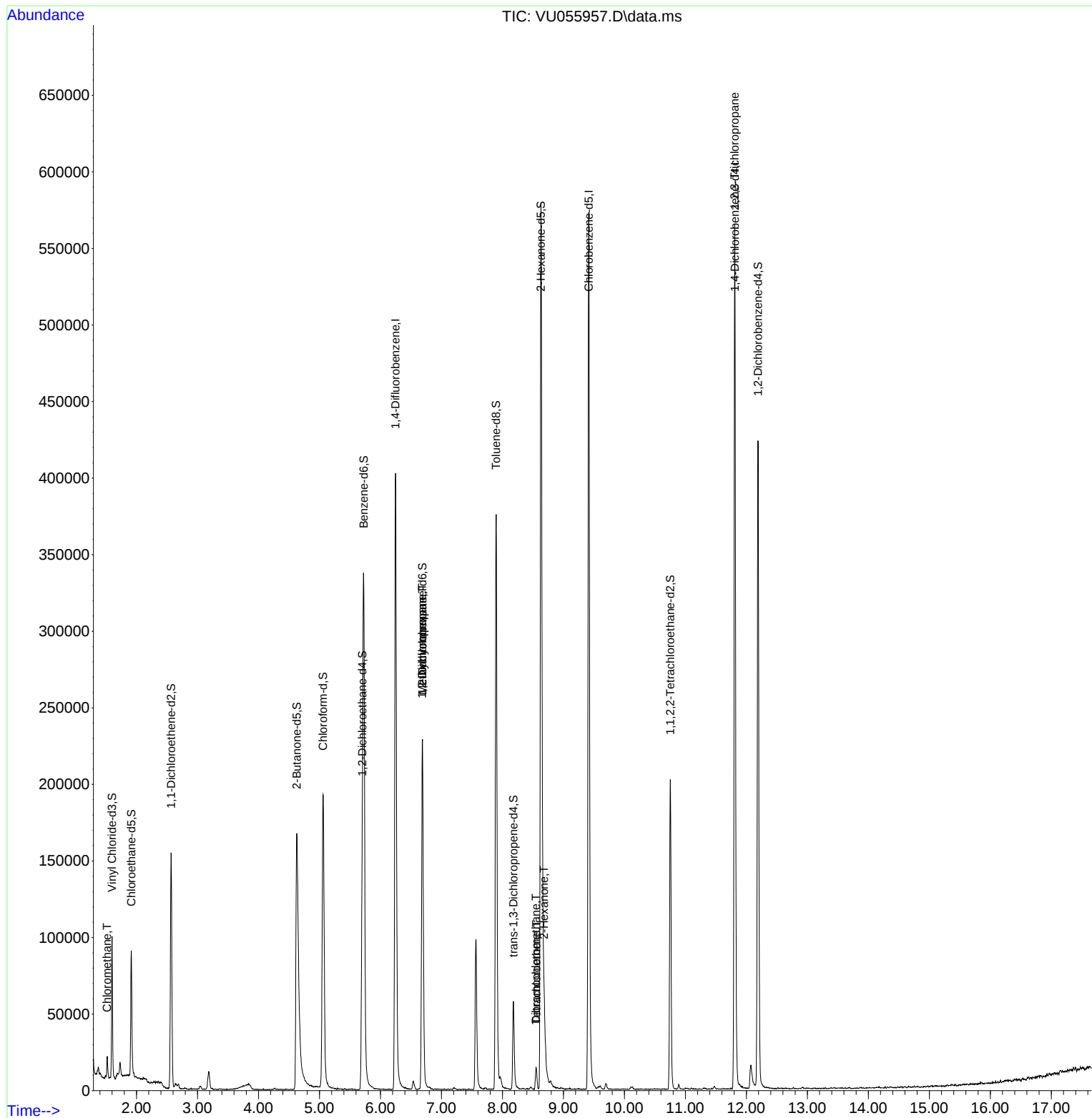
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	348546	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	338577	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	160185	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	63809	2.314	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	46.200%
7) Chloroethane-d5	1.914	69	64534	3.003	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	60.000%#
11) 1,1-Dichloroethene-d2	2.566	65	29857	2.551	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.000%#
20) 2-Butanone-d5	4.627	46	276193	56.151	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.300%
24) Chloroform-d	5.058	84	189374	3.707	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.200%
26) 1,2-Dichloroethane-d4	5.701	65	92001	3.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.000%
32) Benzene-d6	5.724	84	335595	3.328	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.600%#
36) 1,2-Dichloropropane-d6	6.688	67	118302	3.957	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.200%
41) Toluene-d8	7.897	98	271263	2.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	59.200%#
43) trans-1,3-Dichloroprop...	8.180	79	36329	3.107	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.200%
46) 2-Hexanone-d5	8.631	63	211277	71.177	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	142.360%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	107004	4.915	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	116453	3.897	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.000%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	9354	0.493	ug/L	93
35) Methylcyclohexane	6.688	83	27861	0.988	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	11830	0.596	ug/L #	90
47) Tetrachloroethene	8.557	164	3168	0.216	ug/L	96
48) 2-Hexanone	8.682	43	20003	2.660	ug/L #	76
49) Dibromochloromethane	8.550	129	3042	0.199	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	18013	1.638	ug/L #	64

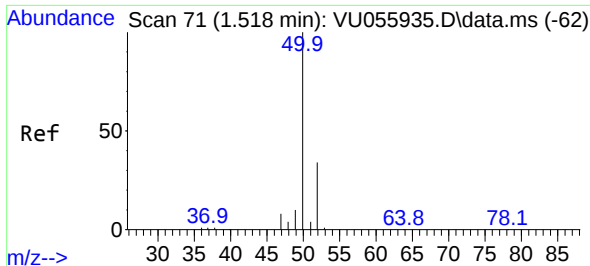
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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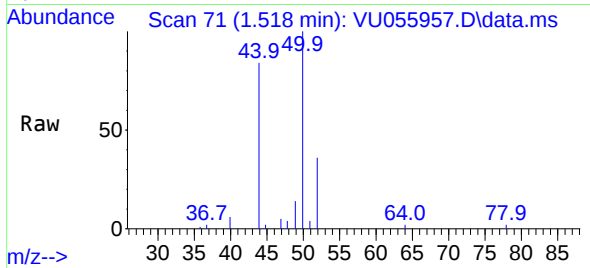
Quant Time: Oct 28 07:41:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
Quant Title : TRACE VOA SFAM1.0
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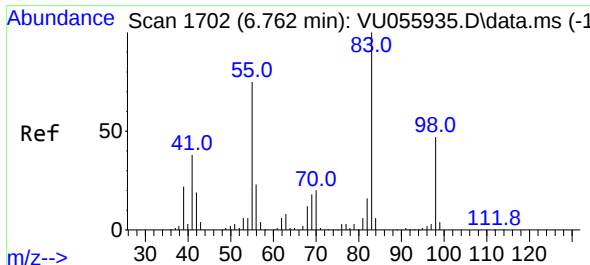
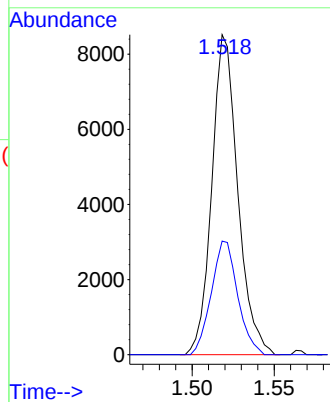
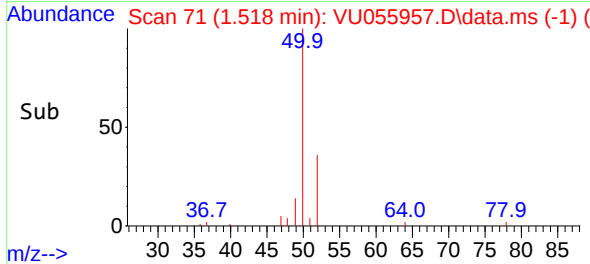


#3
Chloromethane
Concen: 0.493 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU055957.D
Acq: 28 Oct 2023 06:07

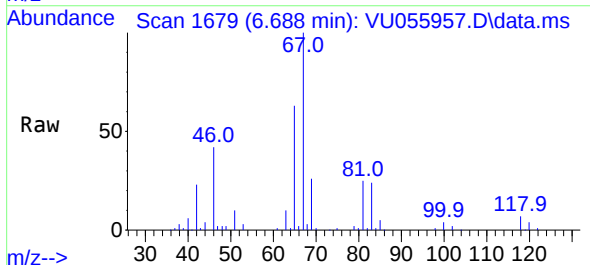
Instrument :
MSVOA_U
ClientSampleId :



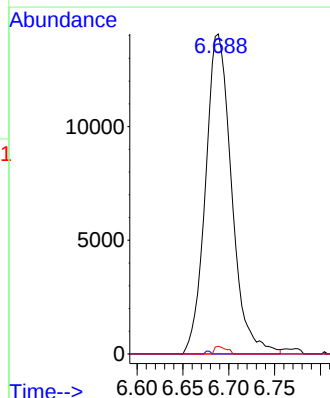
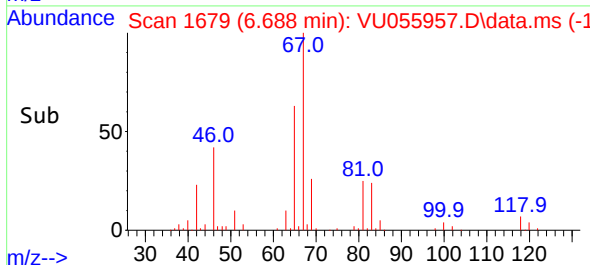
Tgt Ion: 50 Resp: 9354
Ion Ratio Lower Upper
50 100
52 35.5 22.0 40.8

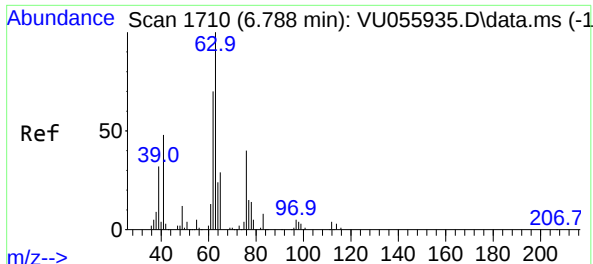


#35
Methylcyclohexane
Concen: 0.988 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055957.D
Acq: 28 Oct 2023 06:07



Tgt Ion: 83 Resp: 27861
Ion Ratio Lower Upper
83 100
55 0.2 62.4 93.6#
98 1.1 37.4 56.2#

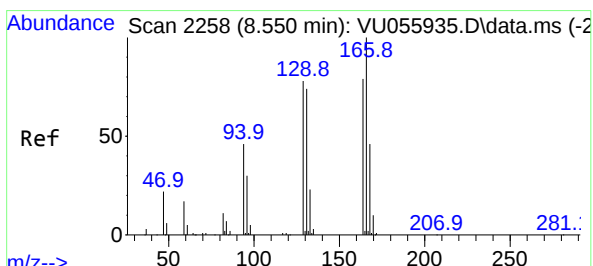
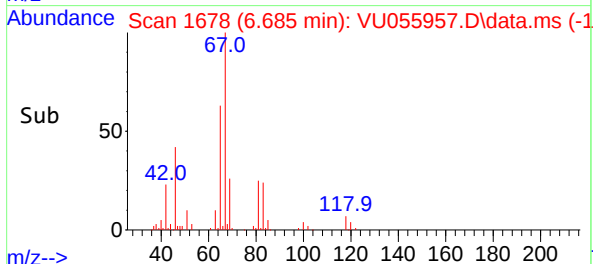
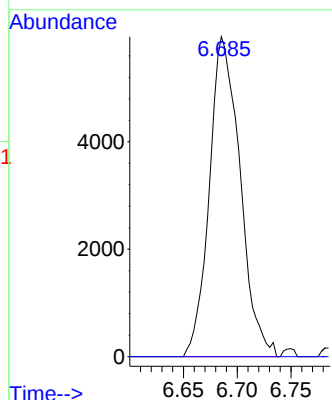
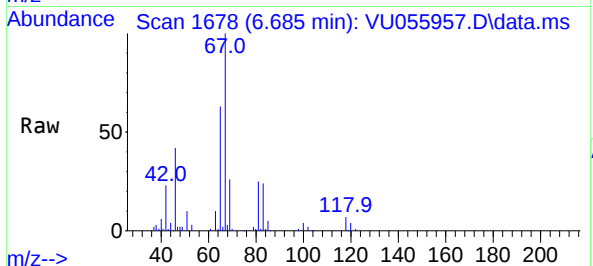




#37
1,2-Dichloropropane
Concen: 0.596 ug/L
RT: 6.685 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU055957.D
Acq: 28 Oct 2023 06:07

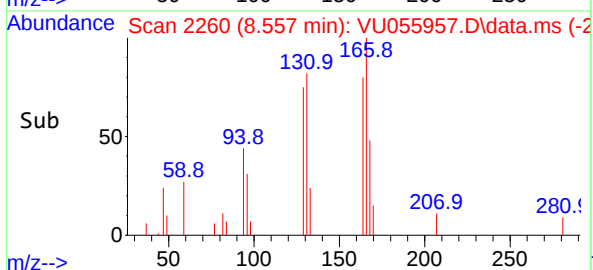
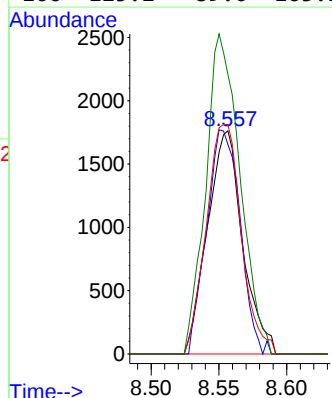
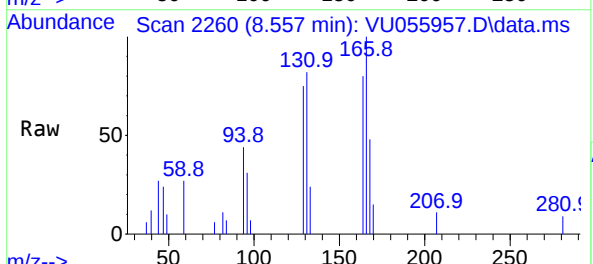
Instrument :
MSVOA_U
ClientSampleId :

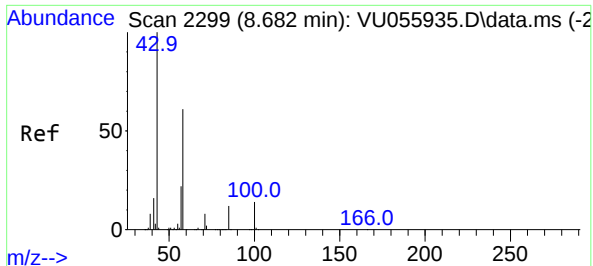
Tgt Ion: 63 Resp: 11830
Ion Ratio Lower Upper
63 100
112 0.7 3.1 4.7#



#47
Tetrachloroethene
Concen: 0.216 ug/L
RT: 8.557 min Scan# 2260
Delta R.T. 0.006 min
Lab File: VU055957.D
Acq: 28 Oct 2023 06:07

Tgt Ion:164 Resp: 3168
Ion Ratio Lower Upper
164 100
129 93.9 72.2 134.0
131 102.8 70.8 131.6
166 125.2 89.0 165.2



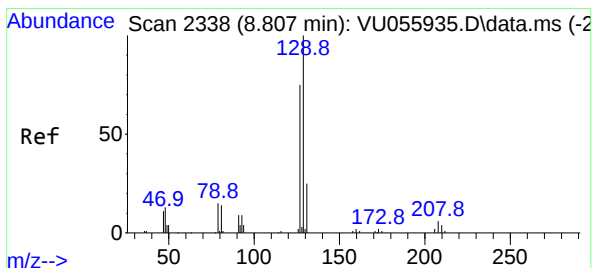
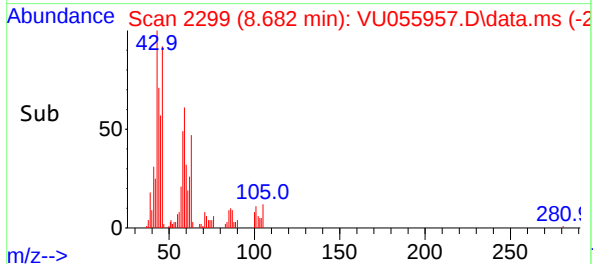
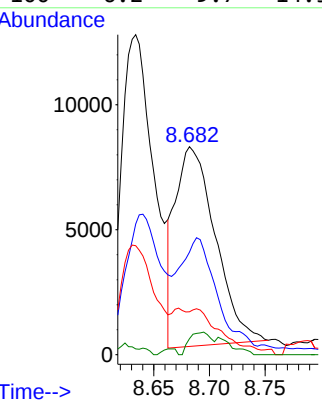
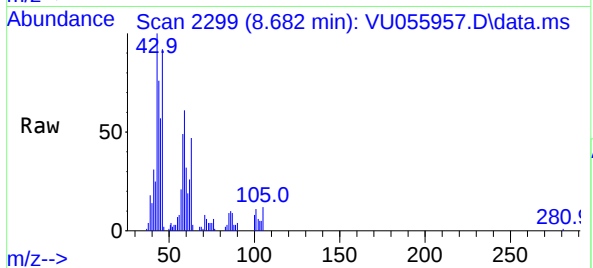


#48
2-Hexanone
Concen: 2.660 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055957.D
Acq: 28 Oct 2023 06:07

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 20003

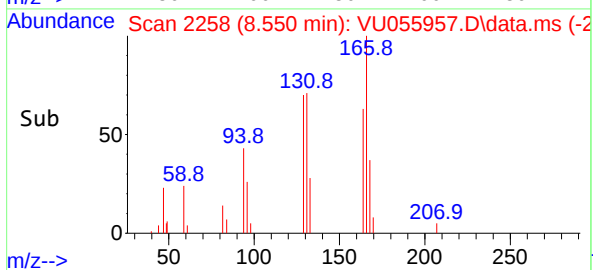
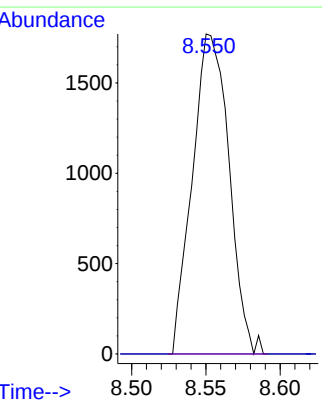
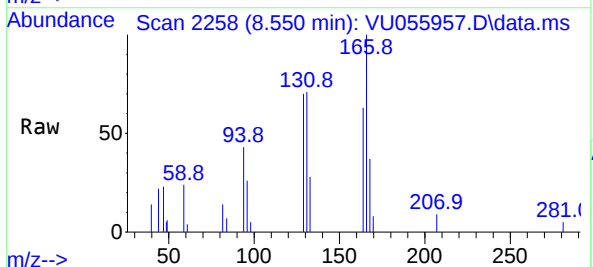
Ion	Ratio	Lower	Upper
43	100		
58	47.4	49.5	74.3#
57	0.0	16.9	25.3#
100	6.2	9.7	14.5#

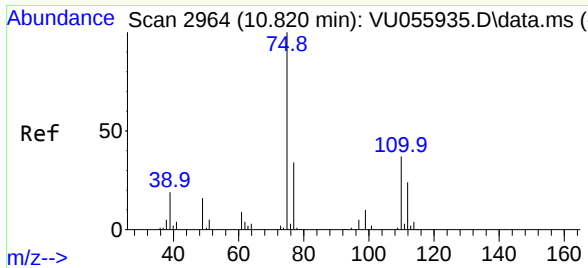


#49
Dibromochloromethane
Concen: 0.199 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU055957.D
Acq: 28 Oct 2023 06:07

Tgt Ion: 129 Resp: 3042

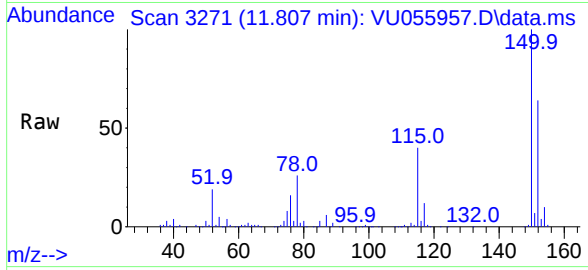
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.5	99.5#





#61
1,2,3-Trichloropropane
Concen: 1.638 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU055957.D
Acq: 28 Oct 2023 06:07

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 18013
Ion Ratio Lower Upper
75 100
110 2.2 29.0 43.6#
77 36.1 24.5 36.7

