

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102723\
 Data File : VU055958.D
 Acq On : 28 Oct 2023 06:31
 Operator : MD/SY
 Sample : 05103-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 28 07:42:02 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)

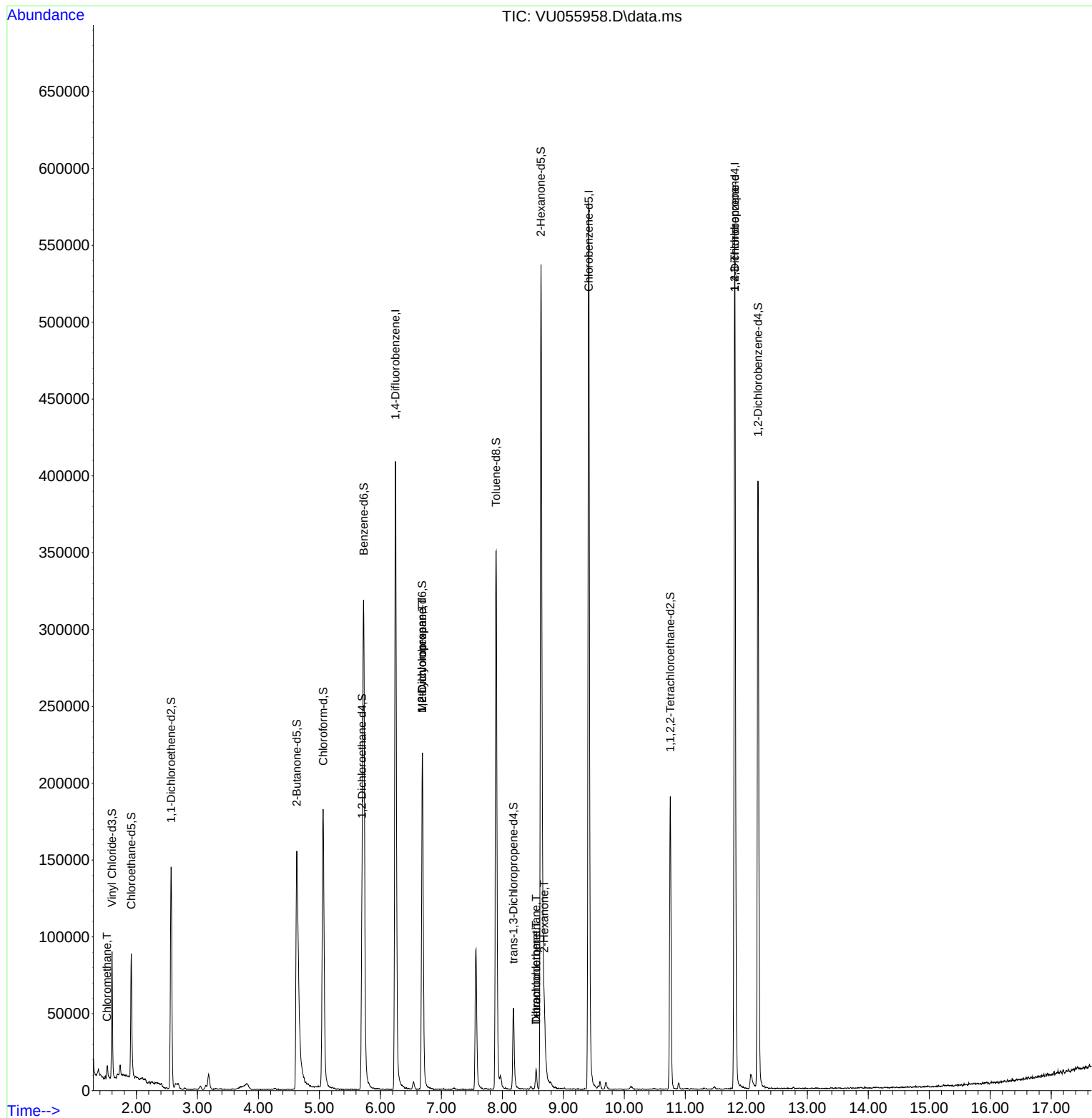
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	346931	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	341941	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	158156	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	59744	2.177	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	43.600%	
7) Chloroethane-d5	1.914	69	61739	2.886	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	57.800%#	
11) 1,1-Dichloroethene-d2	2.567	65	28615	2.456	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	49.200%#	
20) 2-Butanone-d5	4.628	46	258397	52.778	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.560%	
24) Chloroform-d	5.062	84	181751	3.574	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	71.400%	
26) 1,2-Dichloroethane-d4	5.698	65	88035	3.553	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	71.000%	
32) Benzene-d6	5.724	84	312838	3.071	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	61.400%#	
36) 1,2-Dichloropropane-d6	6.685	67	113244	3.750	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	75.000%	
41) Toluene-d8	7.898	98	254490	2.754	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	55.000%#	
43) trans-1,3-Dichloroprop...	8.181	79	34631	2.932	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	58.600%	
46) 2-Hexanone-d5	8.631	63	194058	64.733	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	129.460%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	97604	4.439	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	111313	3.772	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	75.400%#	
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	6163	0.326	ug/L	96
35) Methylcyclohexane	6.685	83	25681	0.901	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	11961	0.597	ug/L #	89
47) Tetrachloroethene	8.554	164	3018	0.204	ug/L	89
48) 2-Hexanone	8.685	43	17523	2.307	ug/L #	93
49) Dibromochloromethane	8.554	129	3072	0.199	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	18889	1.740	ug/L #	67

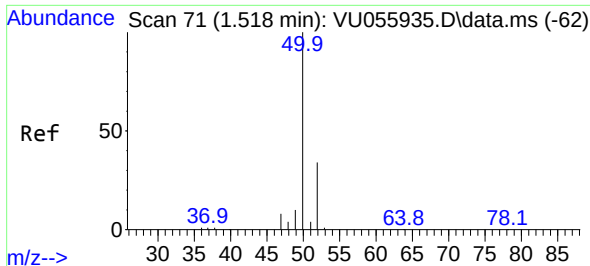
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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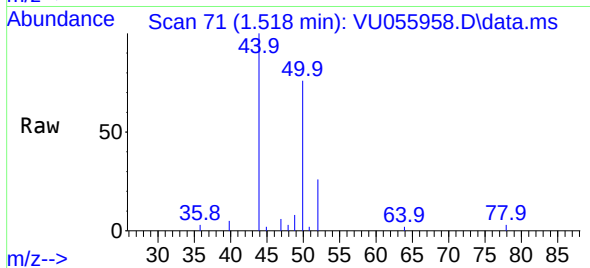
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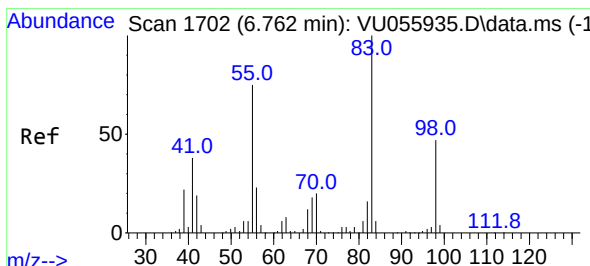
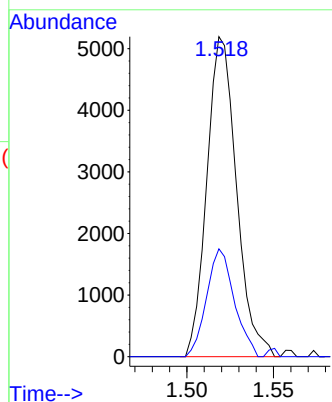
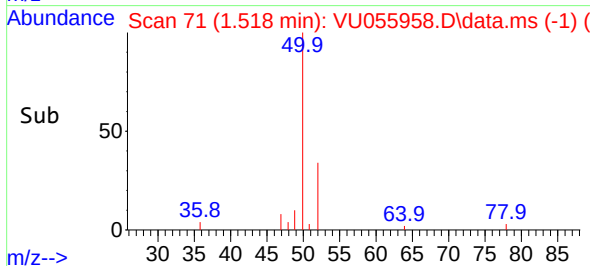


#3
Chloromethane
Concen: 0.326 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU055958.D
Acq: 28 Oct 2023 06:31

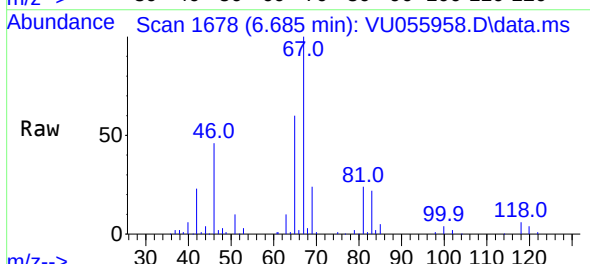
Instrument :
MSVOA_U
ClientSampleId :



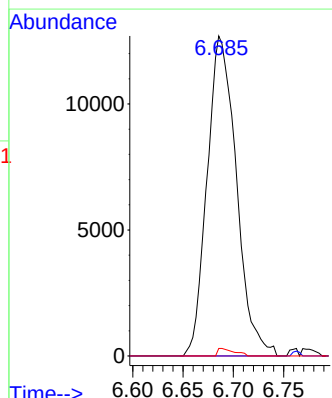
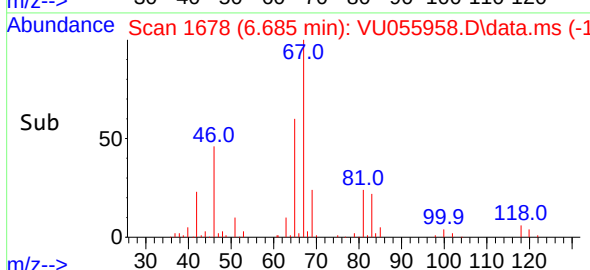
Tgt Ion: 50 Resp: 6163
Ion Ratio Lower Upper
50 100
52 33.7 22.0 40.8

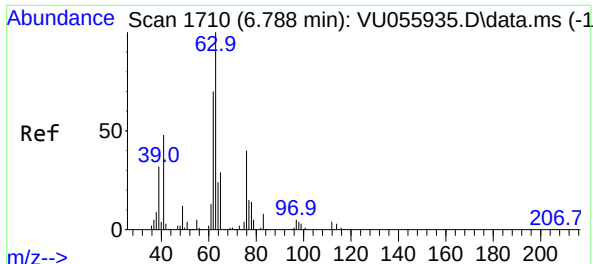


#35
Methylcyclohexane
Concen: 0.901 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU055958.D
Acq: 28 Oct 2023 06:31



Tgt Ion: 83 Resp: 25681
Ion Ratio Lower Upper
83 100
55 0.4 62.4 93.6#
98 1.3 37.4 56.2#

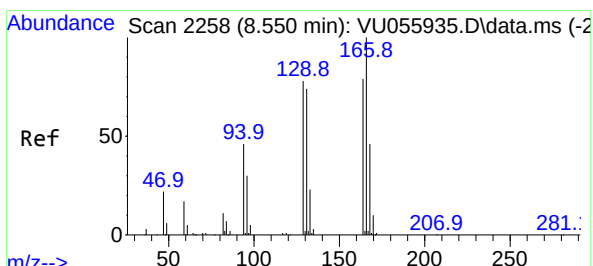
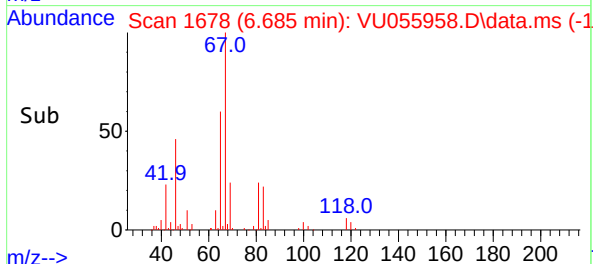
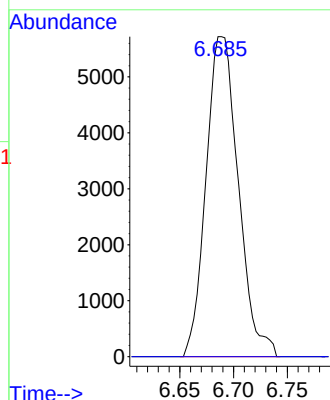
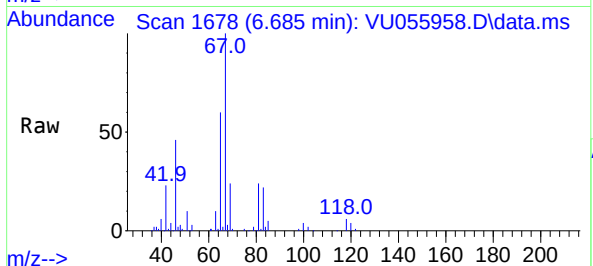




#37
1,2-Dichloropropane
Concen: 0.597 ug/L
RT: 6.685 min Scan# 11961
Delta R.T. -0.100 min
Lab File: VU055958.D
Acq: 28 Oct 2023 06:31

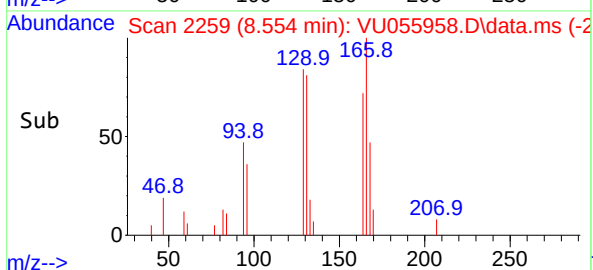
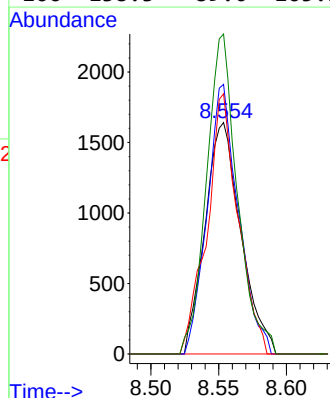
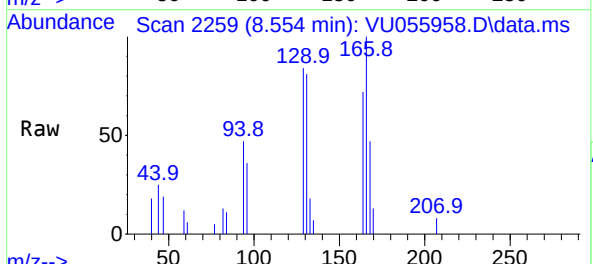
Instrument :
MSVOA_U
ClientSampleId :

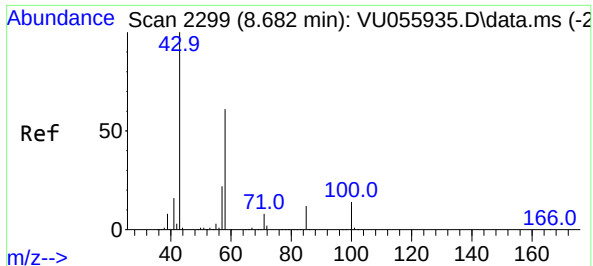
Tgt Ion: 63 Resp: 11961
Ion Ratio Lower Upper
63 100
112 0.2 3.1 4.7#



#47
Tetrachloroethene
Concen: 0.204 ug/L
RT: 8.554 min Scan# 2259
Delta R.T. 0.003 min
Lab File: VU055958.D
Acq: 28 Oct 2023 06:31

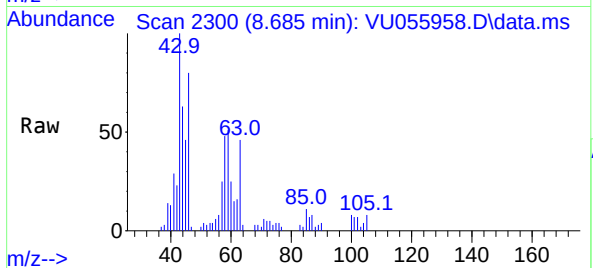
Tgt Ion:164 Resp: 3018
Ion Ratio Lower Upper
164 100
129 116.5 72.2 134.0
131 112.4 70.8 131.6
166 138.3 89.0 165.2



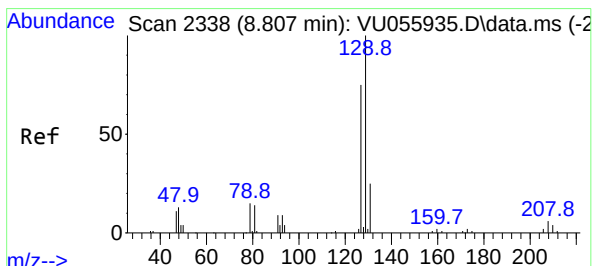
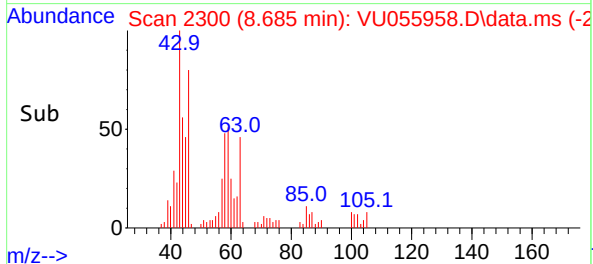
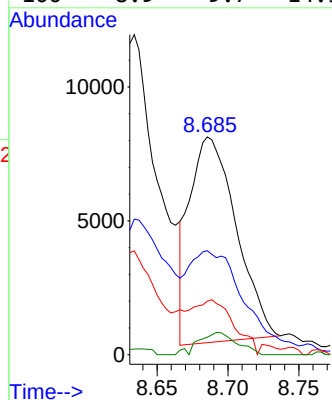


#48
2-Hexanone
Concen: 2.307 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055958.D
Acq: 28 Oct 2023 06:31

Instrument :
MSVOA_U
ClientSampleId :

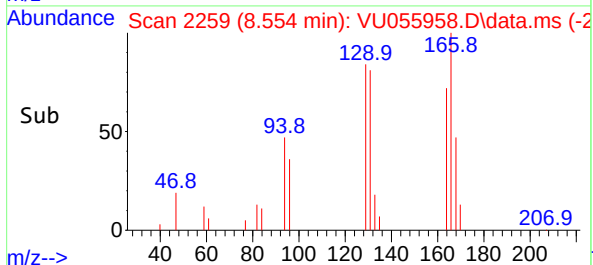
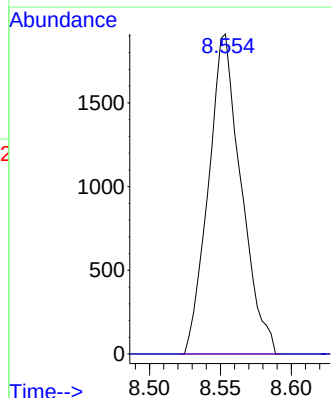
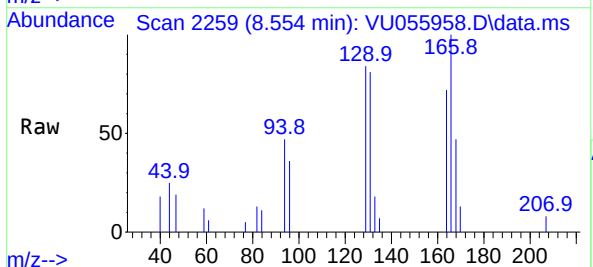


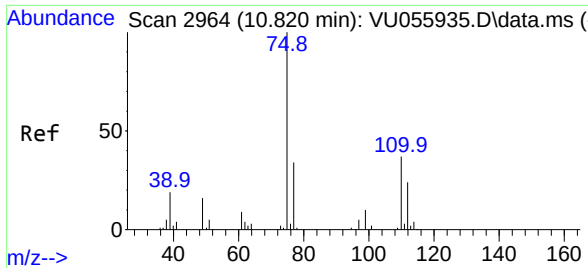
Tgt Ion: 43 Resp: 17523
Ion Ratio Lower Upper
43 100
58 55.7 49.5 74.3
57 22.2 16.9 25.3
100 8.9 9.7 14.5#



#49
Dibromochloromethane
Concen: 0.199 ug/L
RT: 8.554 min Scan# 2259
Delta R.T. -0.251 min
Lab File: VU055958.D
Acq: 28 Oct 2023 06:31

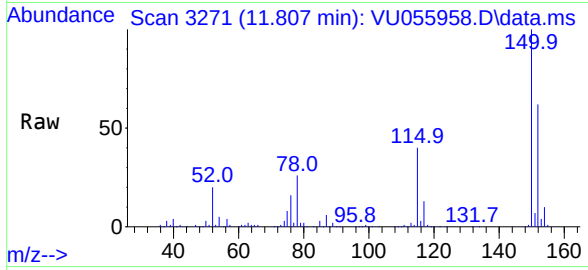
Tgt Ion: 129 Resp: 3072
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.740 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055958.D
 Acq: 28 Oct 2023 06:31

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 18889

Ion	Ratio	Lower	Upper
75	100		
110	2.7	29.0	43.6#
77	33.7	24.5	36.7

