

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056870.D
 Acq On : 15 Dec 2023 11:31
 Operator : MD/SY
 Sample : 05675-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB6

Quant Time: Dec 15 22:24:43 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)

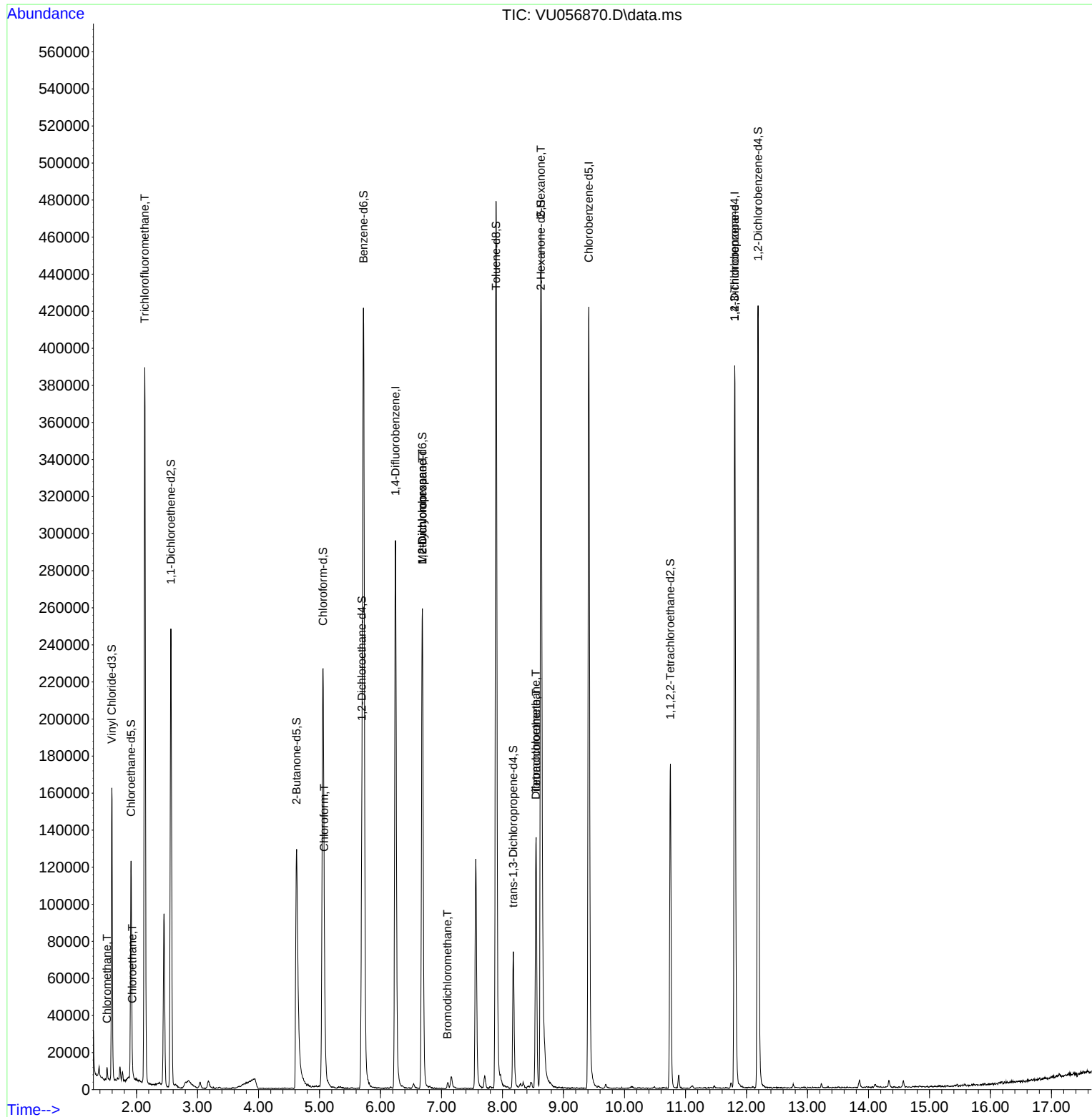
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	243932	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	249445	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	104679	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	112264	5.369	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 107.400%		
7) Chloroethane-d5	1.911	69	88745	5.672	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 113.400%		
11) 1,1-Dichloroethene-d2	2.563	65	49378	5.520	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 110.400%		
20) 2-Butanone-d5	4.624	46	215521	52.194	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 104.380%		
24) Chloroform-d	5.055	84	214050	5.406	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 108.200%		
26) 1,2-Dichloroethane-d4	5.695	65	100072	5.341	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.800%		
32) Benzene-d6	5.721	84	411808	5.323	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.400%		
36) 1,2-Dichloropropane-d6	6.685	67	128219	5.295	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 105.800%		
41) Toluene-d8	7.894	98	339672	4.912	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 98.200%		
43) trans-1,3-Dichloroprop...	8.177	79	43566	4.639	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 92.800%		
46) 2-Hexanone-d5	8.631	63	163903	46.274	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 92.540%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	89124	5.087	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 101.800%		
66) 1,2-Dichlorobenzene-d4	12.190	152	111945	5.440	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 108.800%		
Target Compounds						Qvalue
3) Chloromethane	1.518	50	4783	0.190	ug/L #	66
8) Chloroethane	1.930	64	2123	0.145	ug/L	87
9) Trichlorofluoromethane	2.136	101	251523	7.151	ug/L	99
25) Chloroform	5.078	83	22057	0.545	ug/L	99
35) Methylcyclohexane	6.685	83	29749	0.838	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	13744	0.613	ug/L #	88
38) Bromodichloromethane	7.097	83	2739	0.096	ug/L #	70
47) Tetrachloroethene	8.550	164	29976	1.781	ug/L	92
48) 2-Hexanone	8.627	43	21457	2.829	ug/L #	40
49) Dibromochloromethane	8.547	129	30669	1.760	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	13060	1.162	ug/L #	71

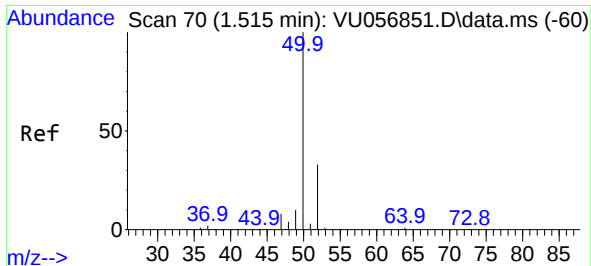
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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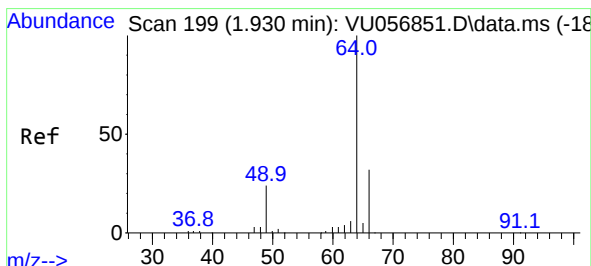
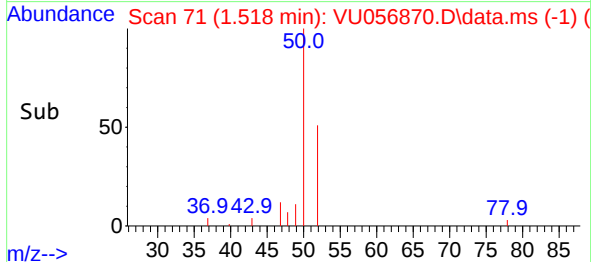
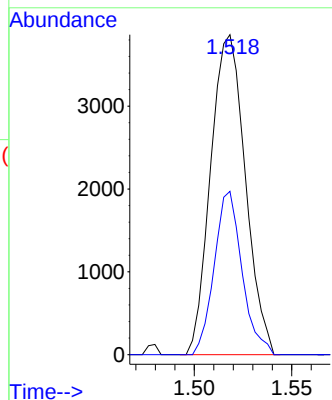
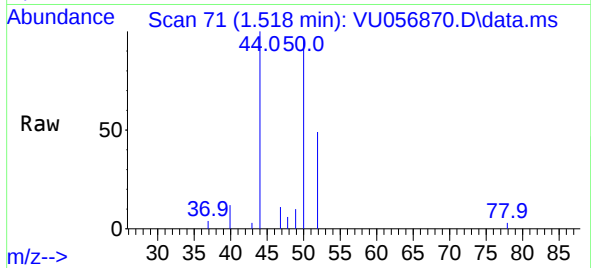




#3
Chloromethane
Concen: 0.190 ug/L
RT: 1.518 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU056870.D
Acq: 15 Dec 2023 11:31

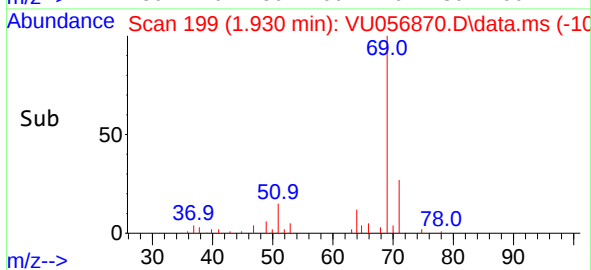
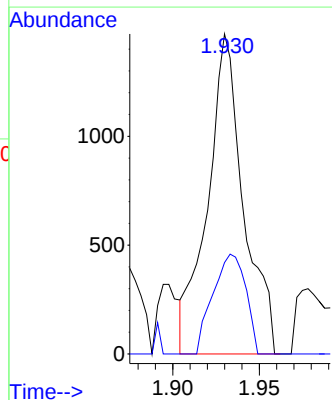
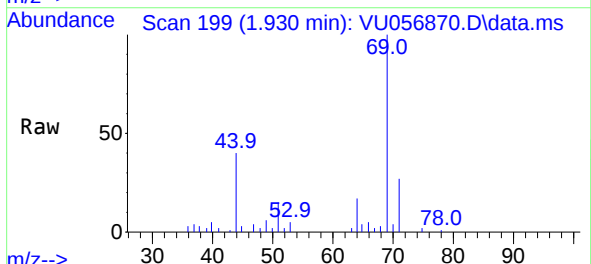
Instrument :
MSVOA_U
ClientSampleId :
H0AB6

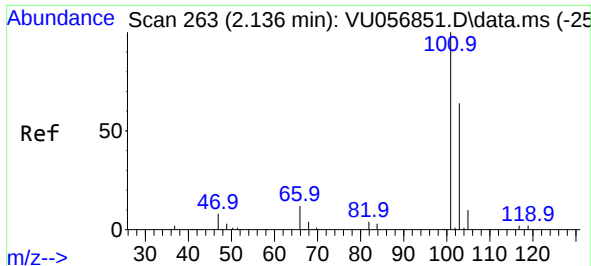
Tgt Ion: 50 Resp: 4783
Ion Ratio Lower Upper
50 100
52 51.1 22.5 41.7#



#8
Chloroethane
Concen: 0.145 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU056870.D
Acq: 15 Dec 2023 11:31

Tgt Ion: 64 Resp: 2123
Ion Ratio Lower Upper
64 100
66 23.7 21.4 39.8

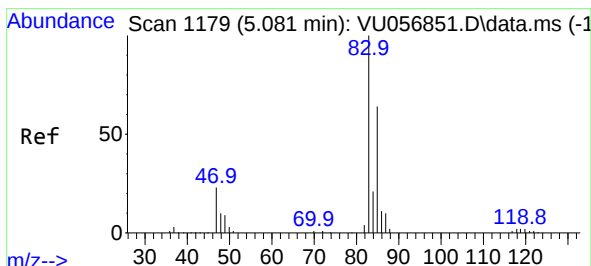
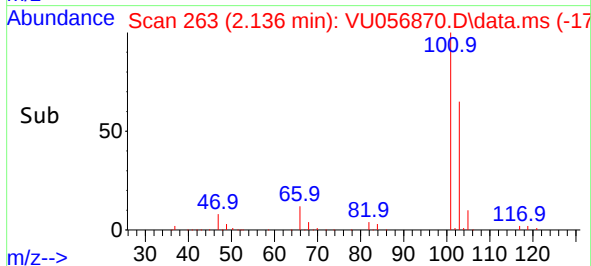
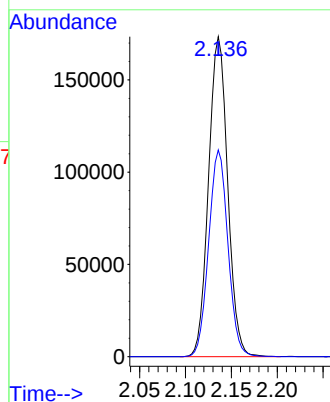
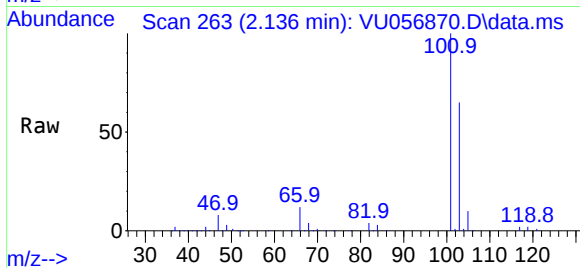




#9
Trichlorofluoromethane
Concen: 7.151 ug/L
RT: 2.136 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU056870.D
Acq: 15 Dec 2023 11:31

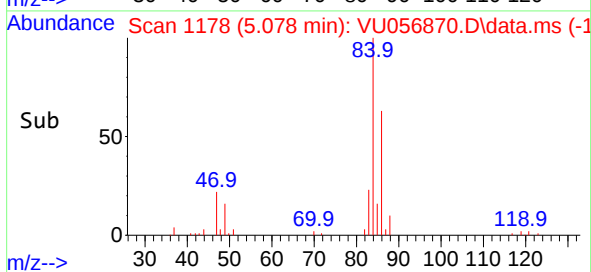
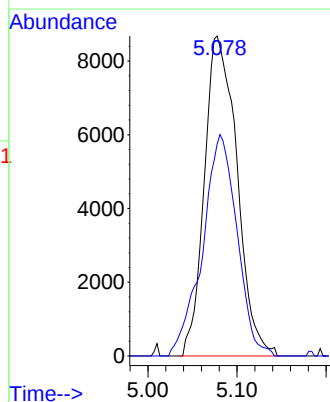
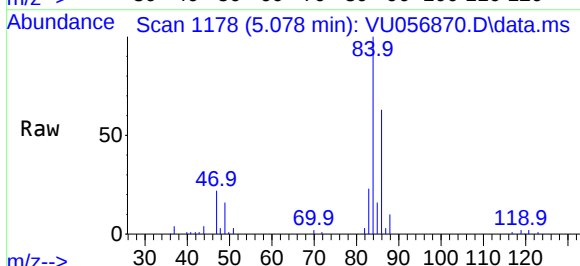
Instrument :
MSVOA_U
ClientSampleId :
H0AB6

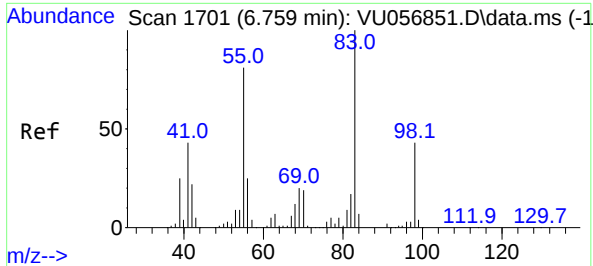
Tgt Ion:101 Resp: 251523
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2



#25
Chloroform
Concen: 0.545 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VU056870.D
Acq: 15 Dec 2023 11:31

Tgt Ion: 83 Resp: 22057
Ion Ratio Lower Upper
83 100
85 66.3 45.8 85.0

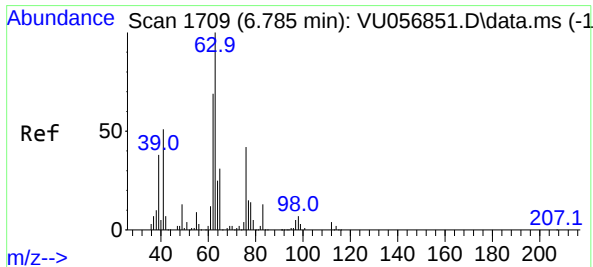
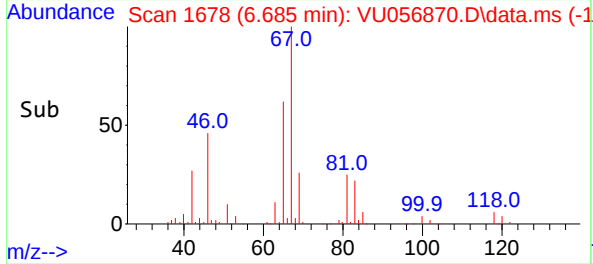
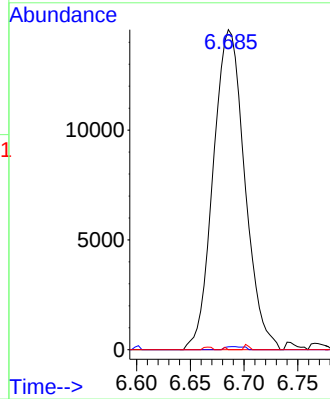
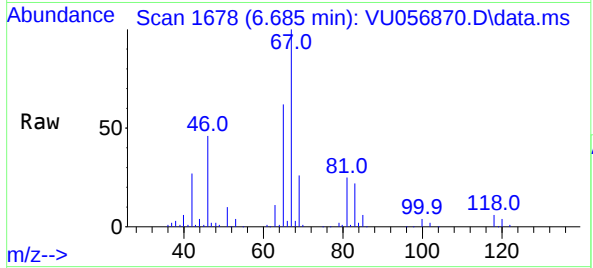




#35
Methylcyclohexane
Concen: 0.838 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056870.D
Acq: 15 Dec 2023 11:31

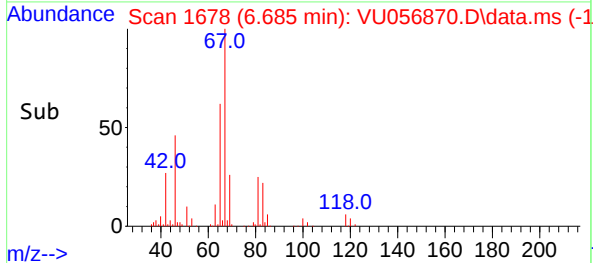
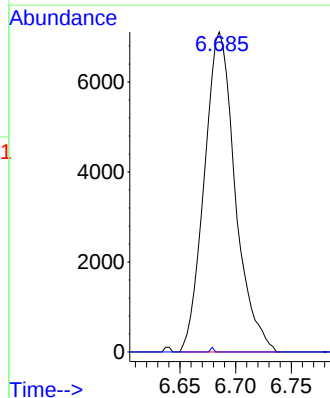
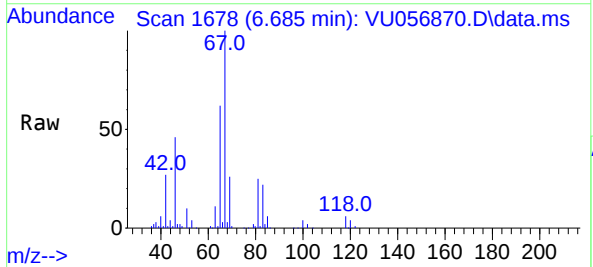
Instrument : MSVOA_U
ClientSampleId : H0AB6

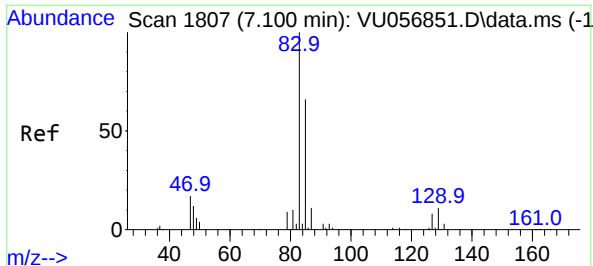
Tgt Ion:	83	Resp:	29749
Ion Ratio	Lower	Upper	
83	100		
55	0.6	64.6	97.0#
98	0.1	36.1	54.1#



#37
1,2-Dichloropropane
Concen: 0.613 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU056870.D
Acq: 15 Dec 2023 11:31

Tgt Ion:	63	Resp:	13744
Ion Ratio	Lower	Upper	
63	100		
112	0.1	3.3	4.9#

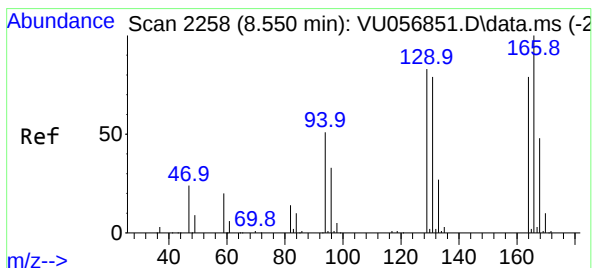
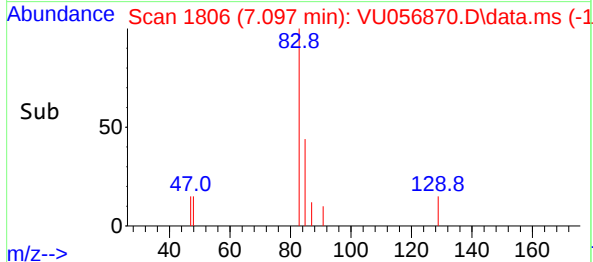
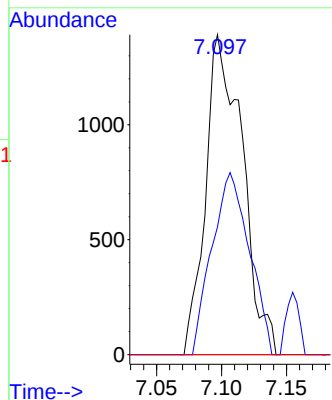
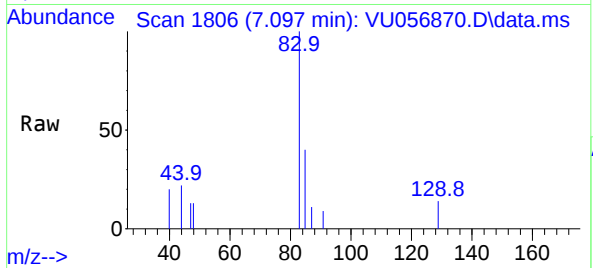




#38
Bromodichloromethane
Concen: 0.096 ug/L
RT: 7.097 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU056870.D
Acq: 15 Dec 2023 11:31

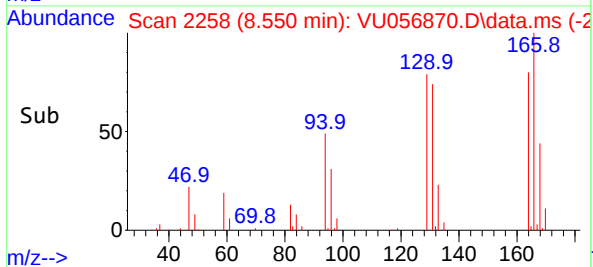
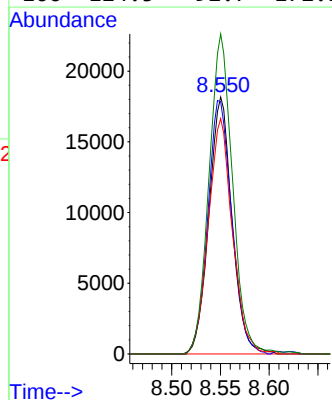
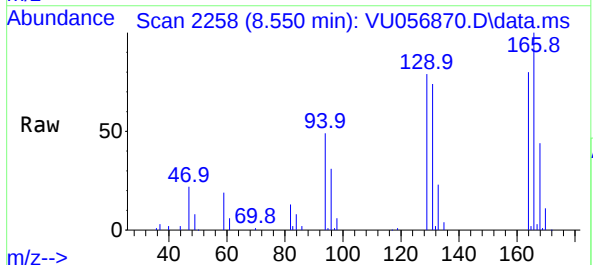
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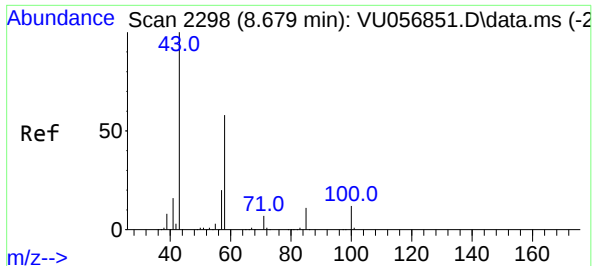
Tgt Ion: 83 Resp: 2739
Ion Ratio Lower Upper
83 100
85 39.9 45.0 83.6#
127 0.0 7.0 10.4#



#47
Tetrachloroethene
Concen: 1.781 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU056870.D
Acq: 15 Dec 2023 11:31

Tgt Ion:164 Resp: 29976
Ion Ratio Lower Upper
164 100
129 98.2 73.4 136.4
131 91.6 71.5 132.9
166 124.5 92.7 172.1

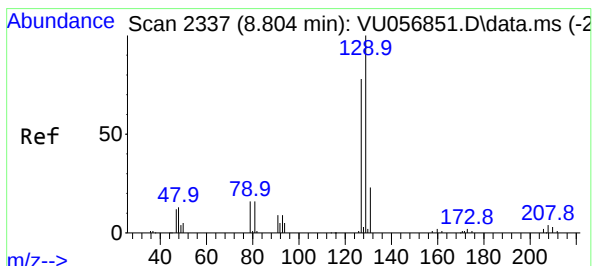
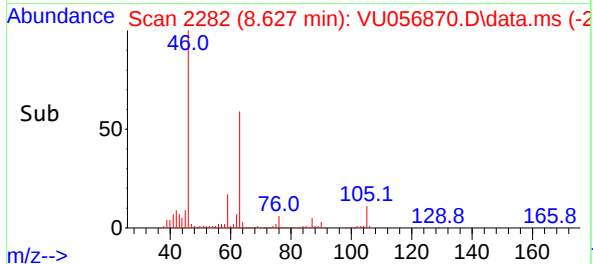
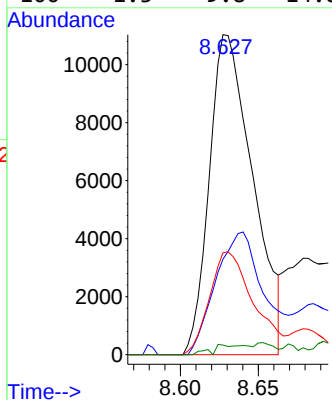
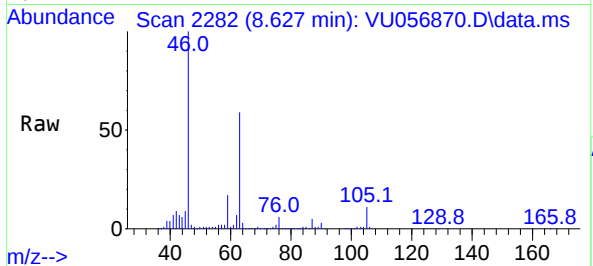




#48
2-Hexanone
Concen: 2.829 ug/L
RT: 8.627 min Scan# 21457
Delta R.T. -0.052 min
Lab File: VU056870.D
Acq: 15 Dec 2023 11:31

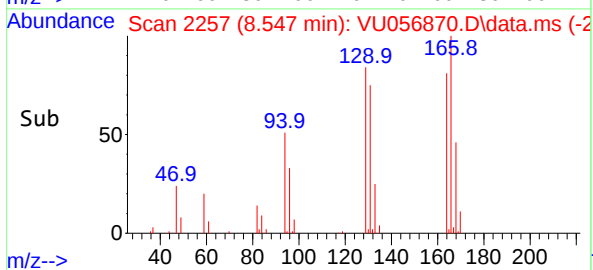
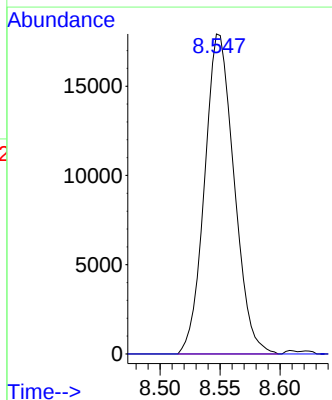
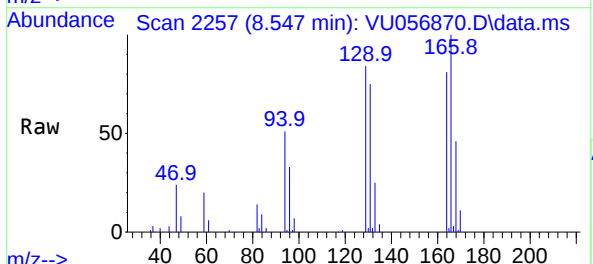
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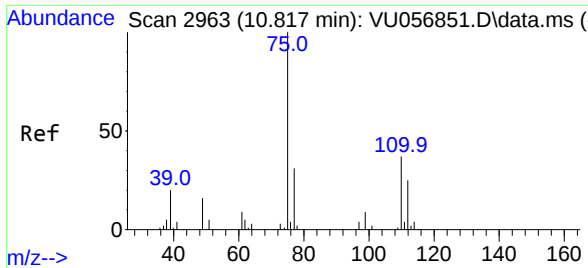
Tgt Ion: 43	Resp: 21457
Ion Ratio	Lower Upper
43 100	
58 0.0	47.5 71.3#
57 32.5	17.0 25.4#
100 1.3	9.8 14.8#



#49
Dibromochloromethane
Concen: 1.760 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU056870.D
Acq: 15 Dec 2023 11:31

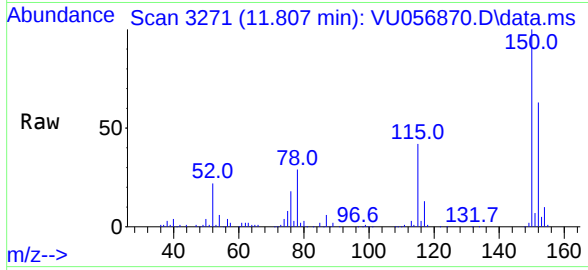
Tgt Ion:129	Resp:	30669	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.9	100.1#





#61
1,2,3-Trichloropropane
Concen: 1.162 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU056870.D
Acq: 15 Dec 2023 11:31

Instrument :
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Tgt Ion:	75	Resp:	13060
Ion	Ratio	Lower	Upper
75	100		
110	2.7	28.4	42.6#
77	32.5	26.3	39.5

