

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056876.D
 Acq On : 15 Dec 2023 13:57
 Operator : MD/SY
 Sample : 05677-09DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 15 22:25:36 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)

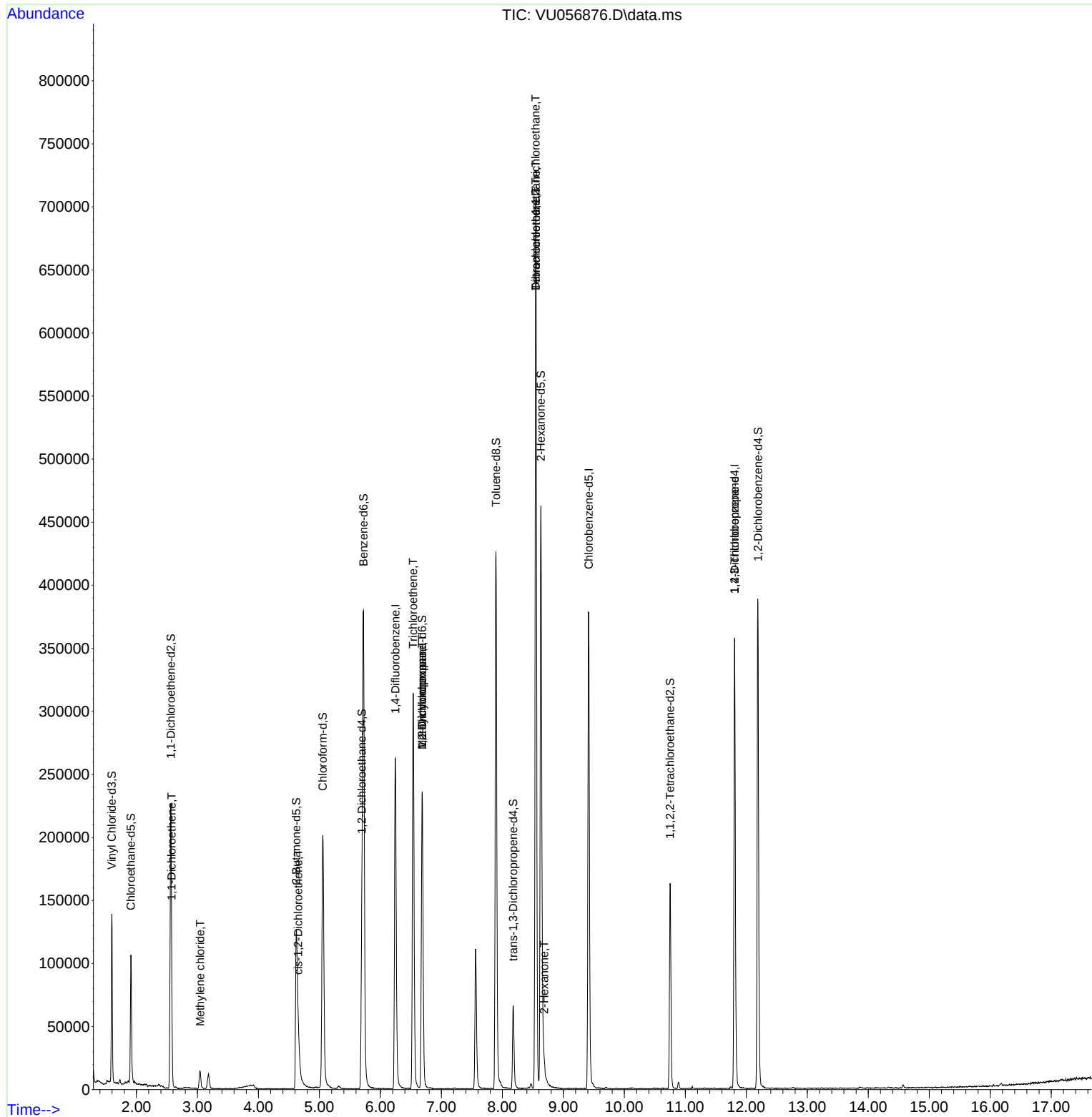
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	219079	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	224548	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	94141	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	95610	5.091	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.800%	
7) Chloroethane-d5	1.907	69	74790	5.322	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	106.400%	
11) 1,1-Dichloroethene-d2	2.563	65	41874	5.212	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	104.200%	
20) 2-Butanone-d5	4.621	46	202430	54.585	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.180%	
24) Chloroform-d	5.055	84	194710	5.475	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.600%	
26) 1,2-Dichloroethane-d4	5.695	65	93230	5.540	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	110.800%	
32) Benzene-d6	5.721	84	369434	5.304	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.000%	
36) 1,2-Dichloropropane-d6	6.685	67	116031	5.323	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.400%	
41) Toluene-d8	7.894	98	296451	4.762	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.200%	
43) trans-1,3-Dichloroprop...	8.177	79	40623	4.805	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.200%	
46) 2-Hexanone-d5	8.631	63	162558	50.982	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.960%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	83740	5.309	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	103392	5.587	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.800%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	6749	0.379	ug/L #	1
16) Methylene chloride	3.042	84	7588	0.392	ug/L	89
22) cis-1,2-Dichloroethene	4.653	96	2089	0.106	ug/L	94
34) Trichloroethene	6.538	95	113497	5.243	ug/L	97
35) Methylcyclohexane	6.682	83	28220	0.883	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	11704	0.580	ug/L #	89
45) 1,1,2-Trichloroethane	8.544	97	1508	0.110	ug/L #	21
47) Tetrachloroethene	8.547	164	152105	10.040	ug/L	98
48) 2-Hexanone	8.685	43	4228	0.619	ug/L #	81
49) Dibromochloromethane	8.547	129	157876	10.064	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	11518	1.139	ug/L #	71

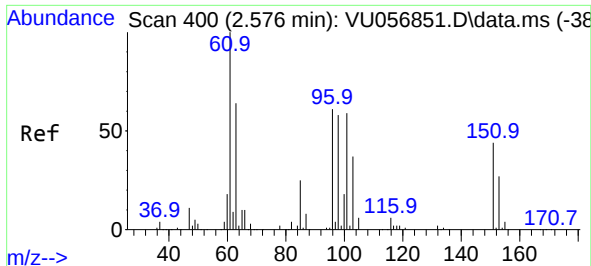
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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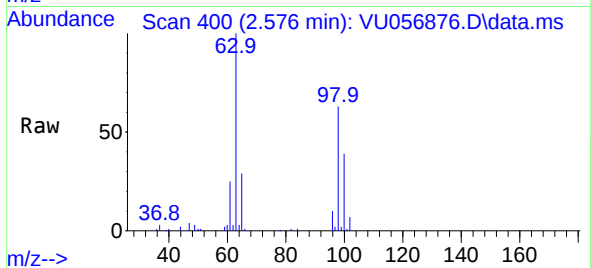
Quant Time: Dec 15 22:25:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration



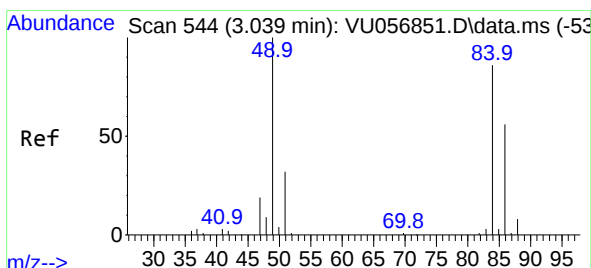
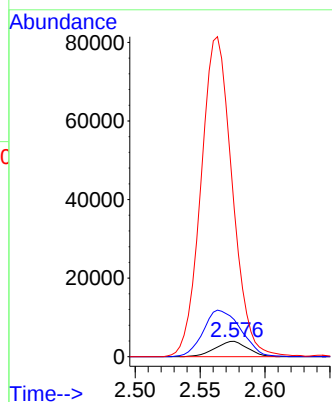
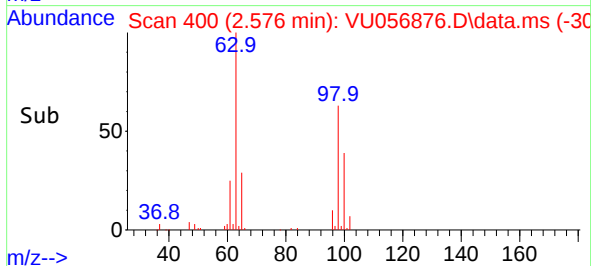


#12
1,1-Dichloroethene
Concen: 0.379 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056876.D
Acq: 15 Dec 2023 13:57

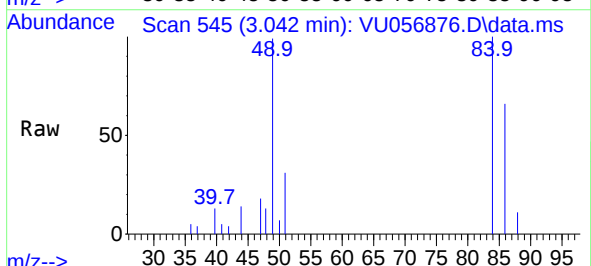
Instrument :
MSVOA_U
ClientSampleId :



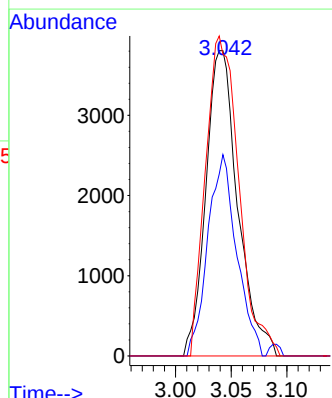
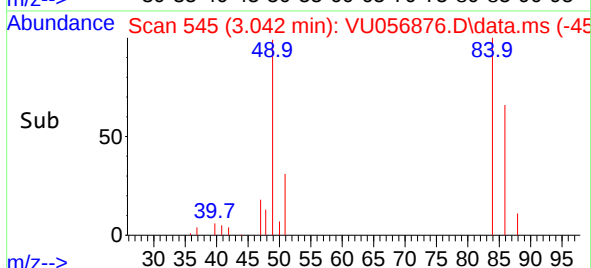
Tgt Ion: 96 Resp: 6749
Ion Ratio Lower Upper
96 100
61 241.8 119.0 221.0#
63 961.9 88.7 164.7#

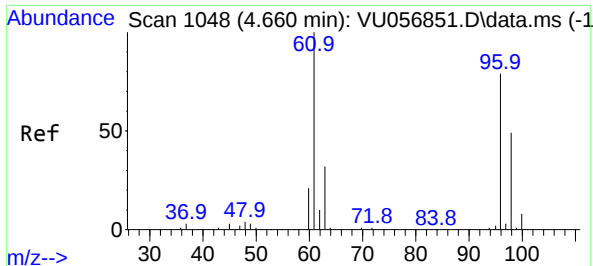


#16
Methylene chloride
Concen: 0.392 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU056876.D
Acq: 15 Dec 2023 13:57



Tgt Ion: 84 Resp: 7588
Ion Ratio Lower Upper
84 100
86 65.9 43.6 81.0
49 98.8 80.6 149.6

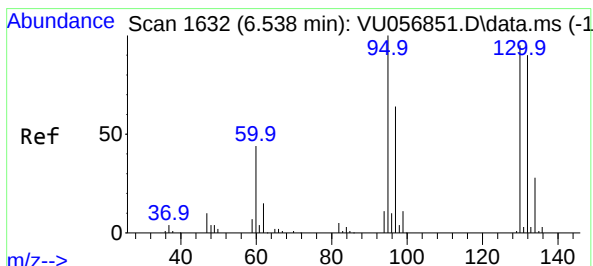
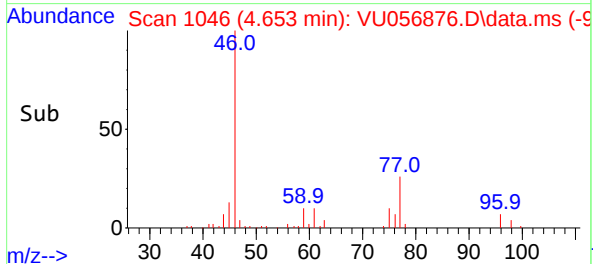
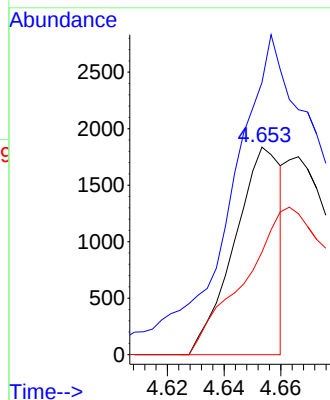
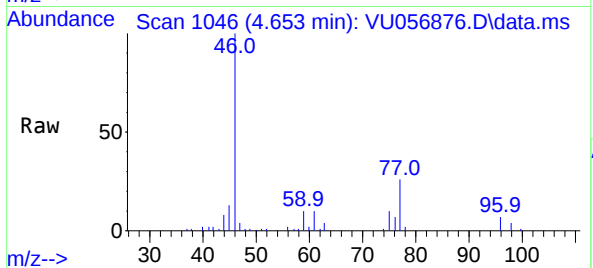




#22
cis-1,2-Dichloroethene
Concen: 0.106 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.006 min
Lab File: VU056876.D
Acq: 15 Dec 2023 13:57

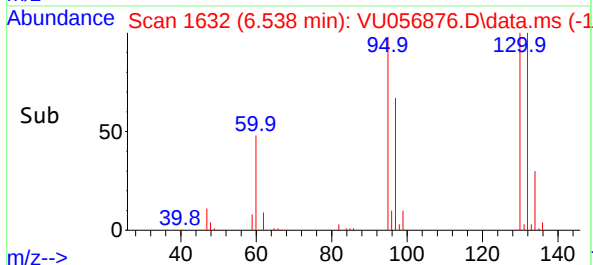
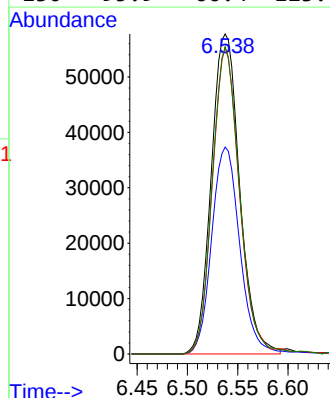
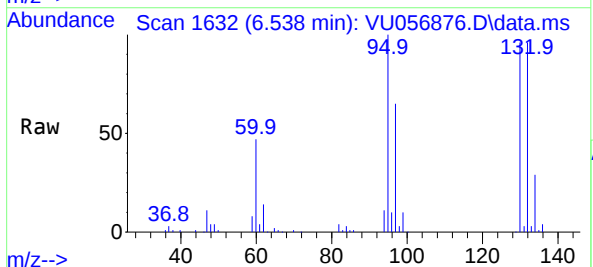
Instrument :
MSVOA_U
ClientSampleId :

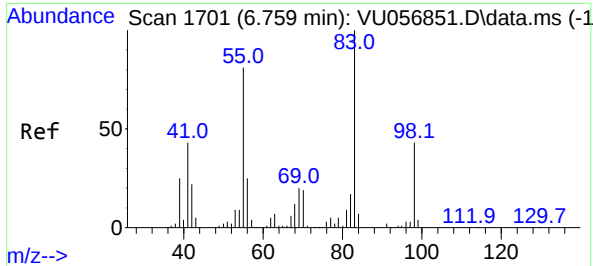
Tgt Ion: 96 Resp: 2089
Ion Ratio Lower Upper
96 100
61 131.2 91.3 169.6
98 49.4 44.2 82.0



#34
Trichloroethene
Concen: 5.243 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU056876.D
Acq: 15 Dec 2023 13:57

Tgt Ion: 95 Resp: 113497
Ion Ratio Lower Upper
95 100
97 64.7 46.1 85.5
132 95.8 63.6 118.0
130 95.9 66.4 123.4

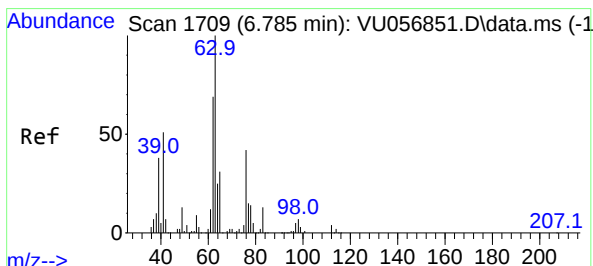
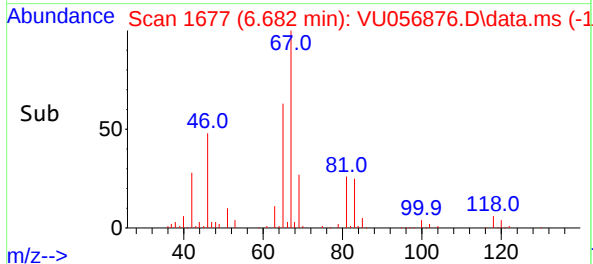
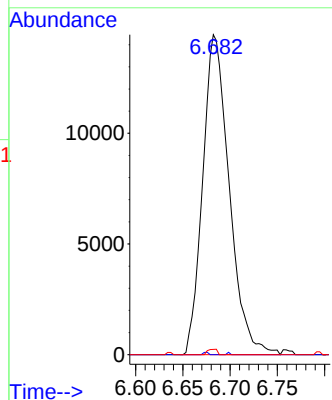
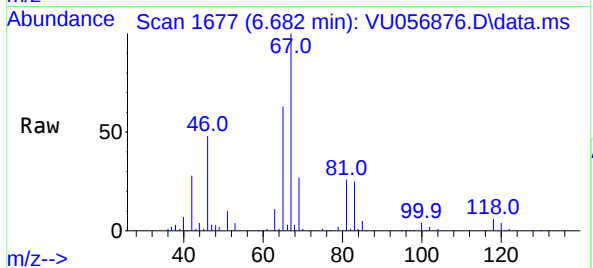




#35
Methylcyclohexane
Concen: 0.883 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU056876.D
Acq: 15 Dec 2023 13:57

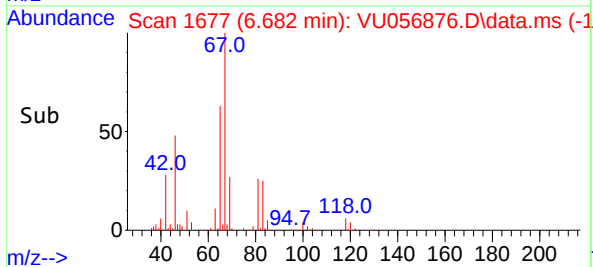
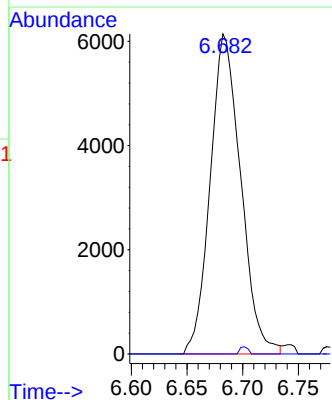
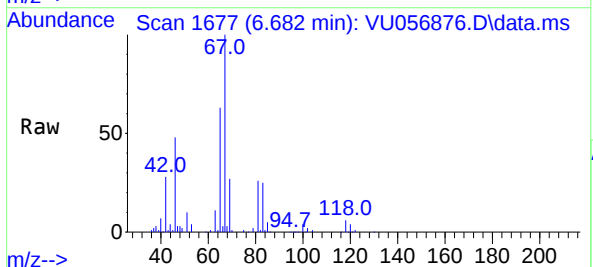
Instrument :
MSVOA_U
ClientSampleId :

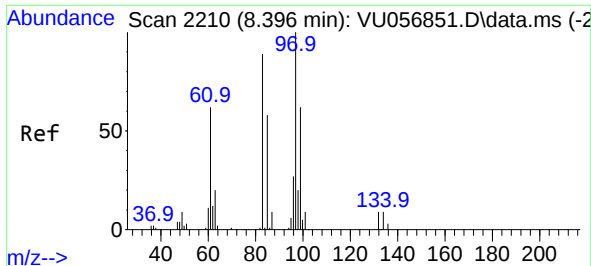
Tgt Ion: 83 Resp: 28220
Ion Ratio Lower Upper
83 100
55 0.1 64.6 97.0#
98 0.6 36.1 54.1#



#37
1,2-Dichloropropane
Concen: 0.580 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.103 min
Lab File: VU056876.D
Acq: 15 Dec 2023 13:57

Tgt Ion: 63 Resp: 11704
Ion Ratio Lower Upper
63 100
112 0.6 3.3 4.9#



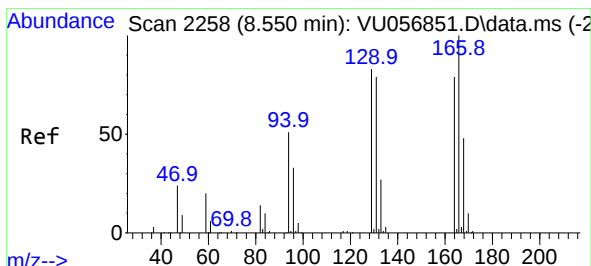
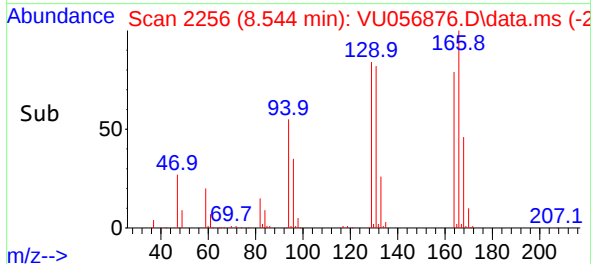
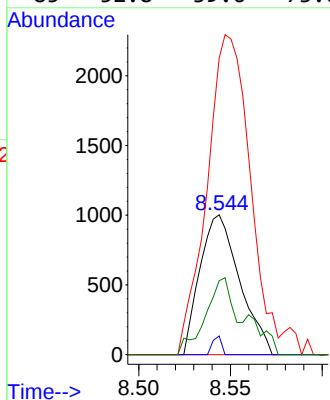
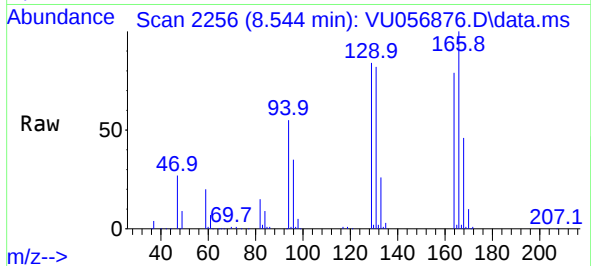


#45
1,1,2-Trichloroethane
Concen: 0.110 ug/L
RT: 8.544 min Scan# 21
Delta R.T. 0.148 min
Lab File: VU056876.D
Acq: 15 Dec 2023 13:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 1508

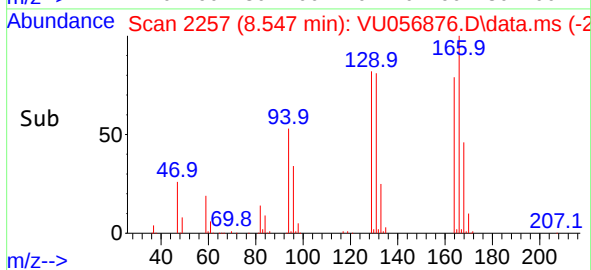
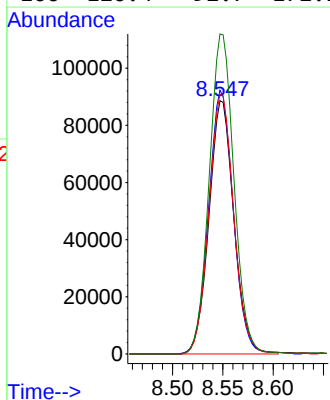
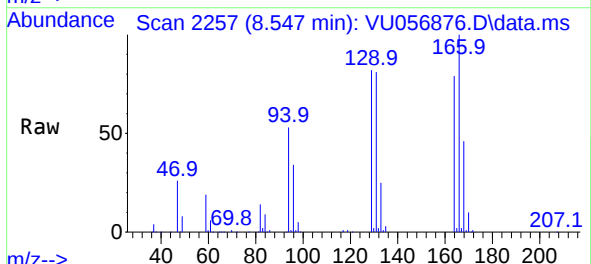
Ion	Ratio	Lower	Upper
97	100		
99	13.4	41.9	77.9#
83	212.0	59.1	109.7#
85	52.8	39.6	73.6

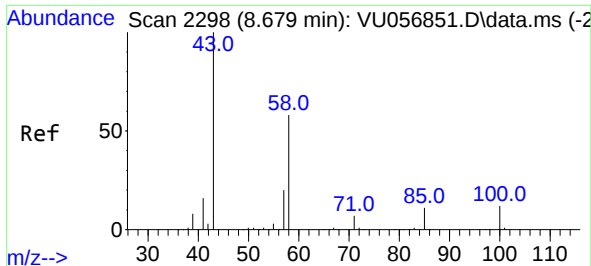


#47
Tetrachloroethene
Concen: 10.040 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU056876.D
Acq: 15 Dec 2023 13:57

Tgt Ion:164 Resp: 152105

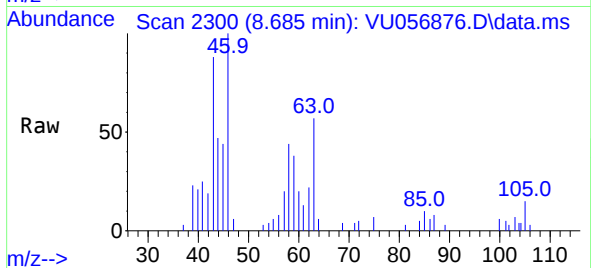
Ion	Ratio	Lower	Upper
164	100		
129	104.2	73.4	136.4
131	102.7	71.5	132.9
166	126.4	92.7	172.1



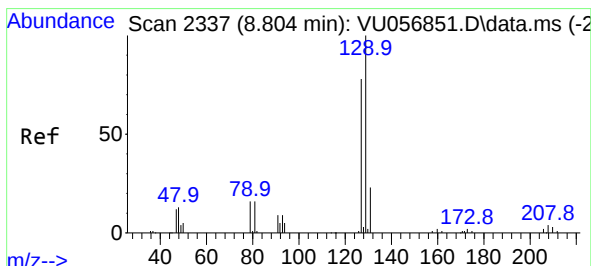
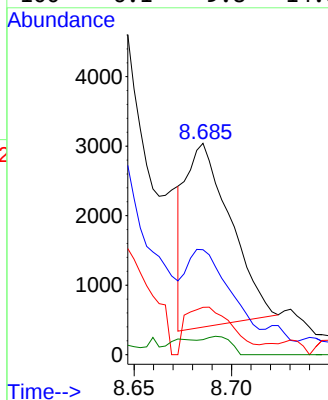
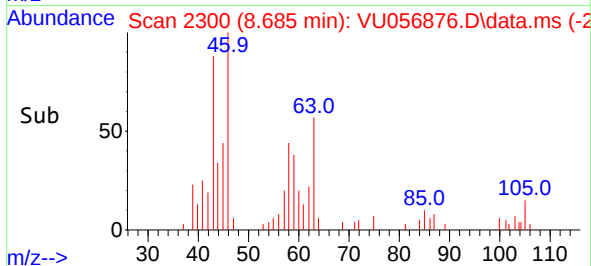


#48
2-Hexanone
Concen: 0.619 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU056876.D
Acq: 15 Dec 2023 13:57

Instrument :
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ClientSampleId :

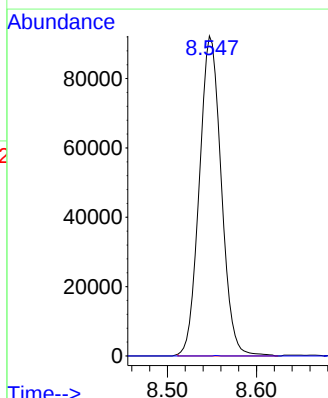
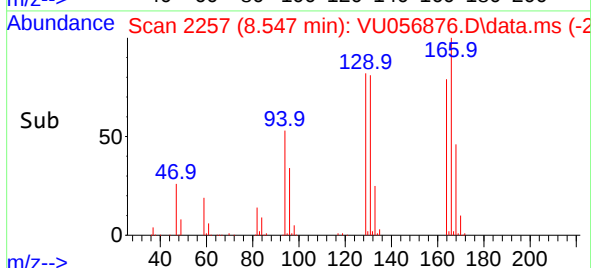
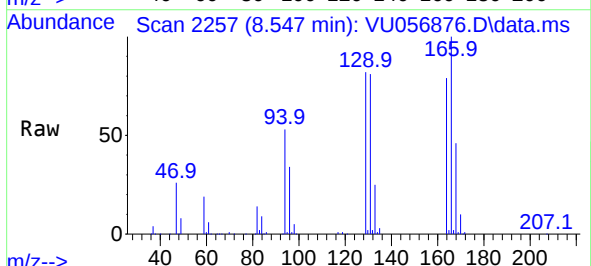


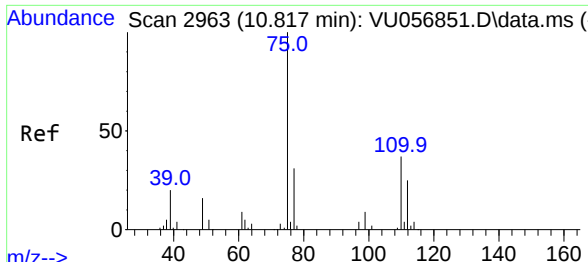
Tgt Ion: 43 Resp: 4228
Ion Ratio Lower Upper
43 100
58 43.0 47.5 71.3#
57 27.3 17.0 25.4#
100 6.1 9.8 14.8#



#49
Dibromochloromethane
Concen: 10.064 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU056876.D
Acq: 15 Dec 2023 13:57

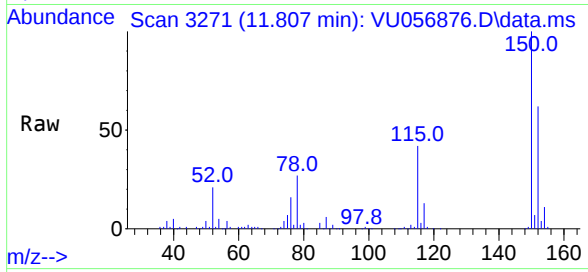
Tgt Ion: 129 Resp: 157876
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#





#61
1,2,3-Trichloropropane
Concen: 1.139 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU056876.D
Acq: 15 Dec 2023 13:57

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 11518
Ion Ratio Lower Upper
75 100
110 2.7 28.4 42.6#
77 32.6 26.3 39.5

