

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 :
 H0AC9DL

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)

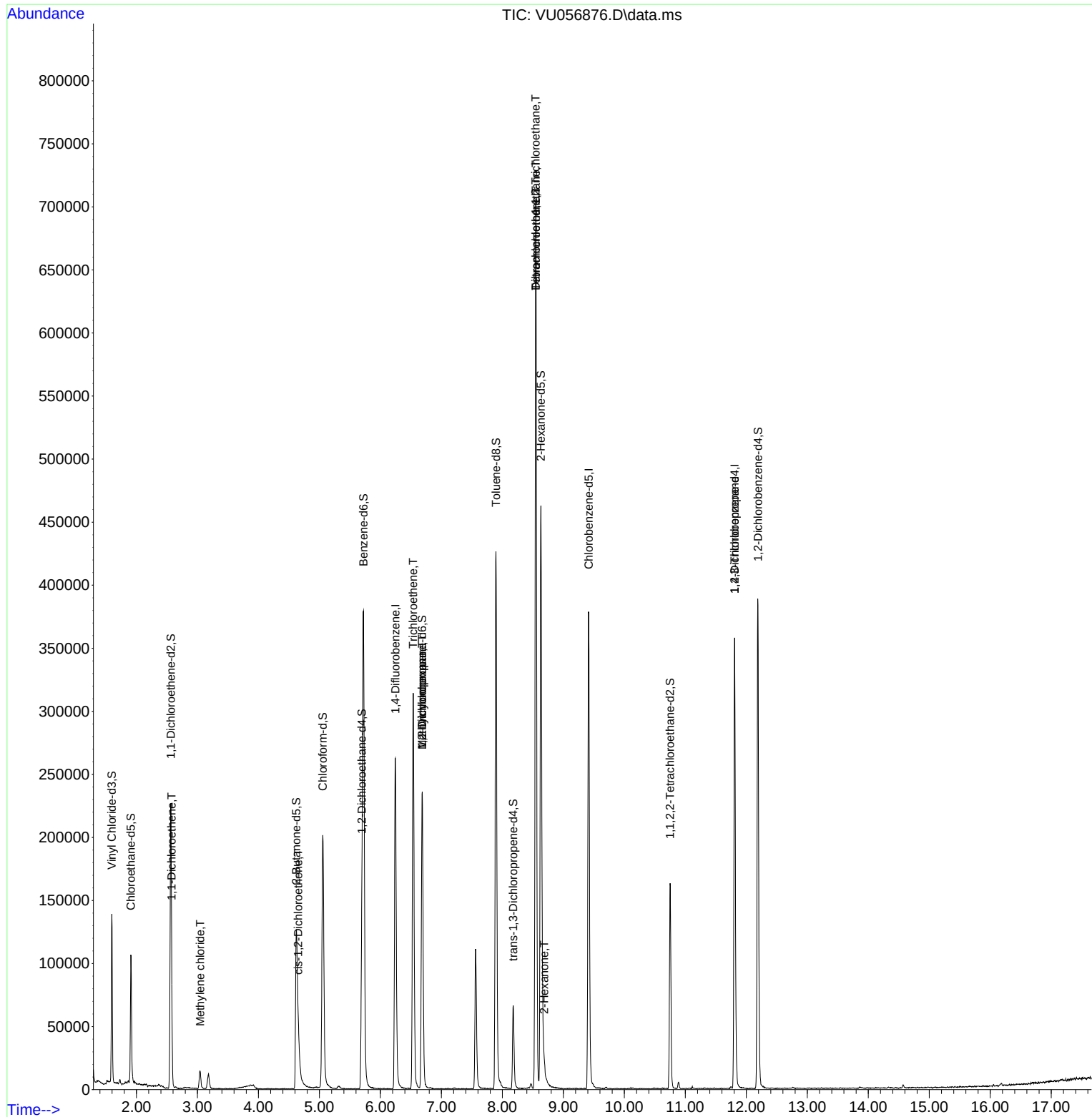
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	219079	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	224548	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	94141	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	95610	5.091	ug/L	0.00
Spiked Amount	5.000	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

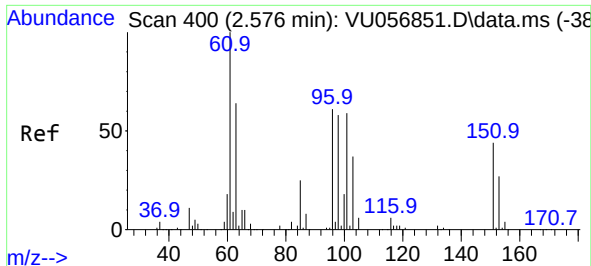
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 15 01:53:53 2023
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 :

H0AC9DL

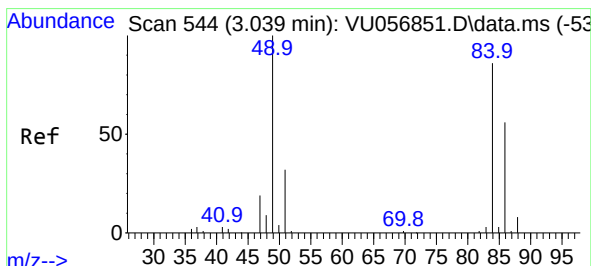
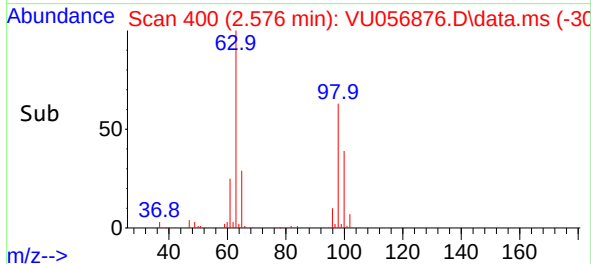
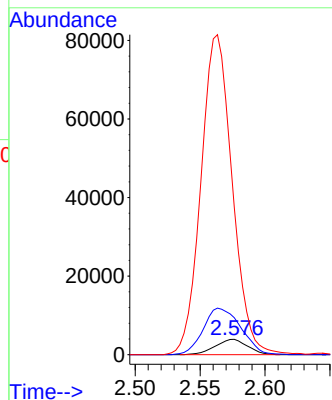
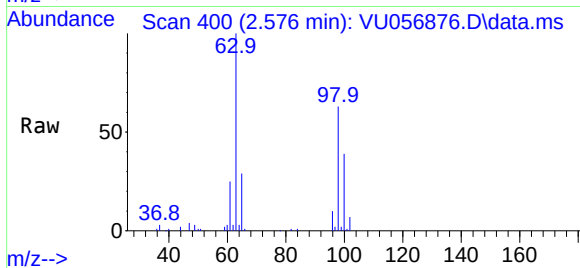
Tgt Ion: 96 Resp: 6749

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

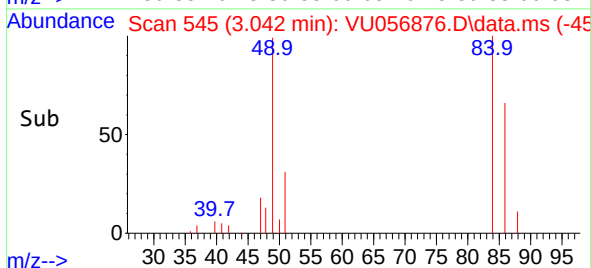
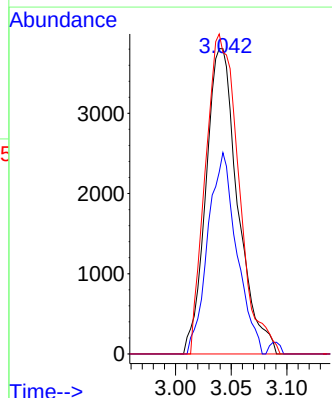
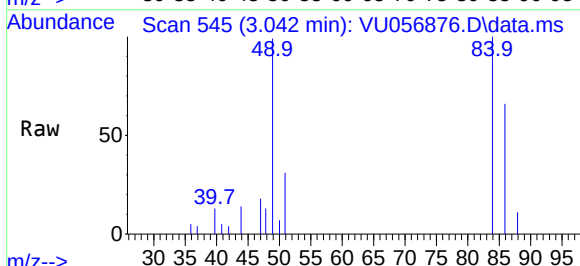
Tgt Ion: 84 Resp: 7588

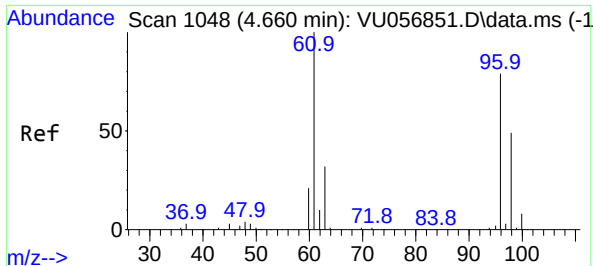
Ion Ratio Lower Upper

84 100

86 65.9 43.6 81.0

49 98.8 80.6 149.6



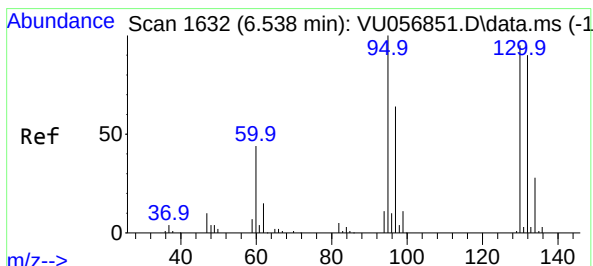
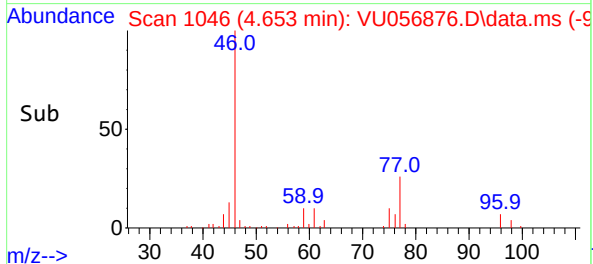
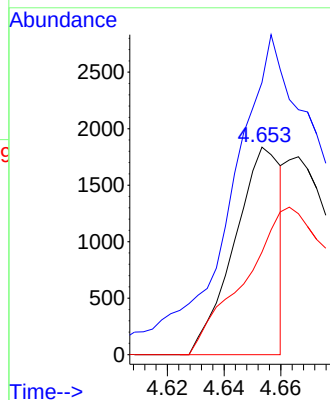
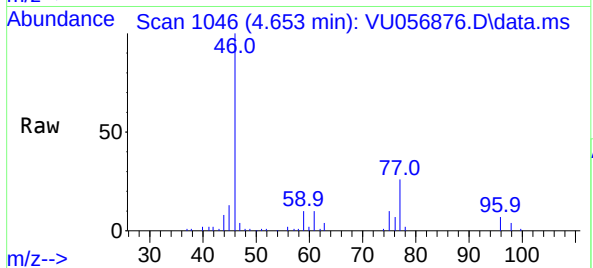


#22
 cis-1,2-Dichloroethene
 Concen: 0.106 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.006 min
 Lab File: VU056876.D
 Acq: 15 Dec 2023 13:57

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AC9DL

Tgt Ion: 96 Resp: 2089

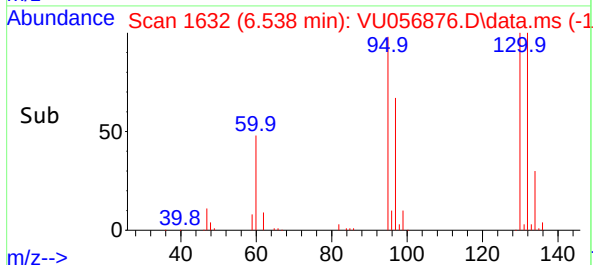
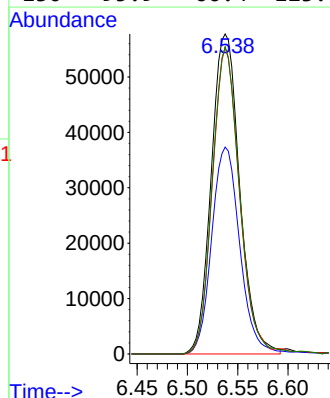
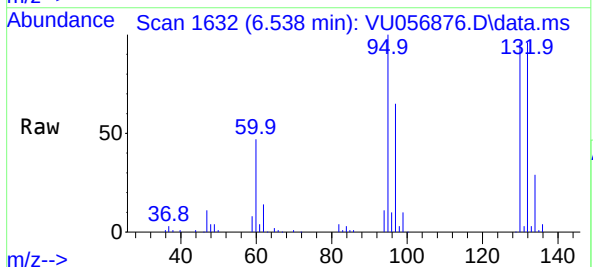
Ion	Ratio	Lower	Upper
96	100		
61	131.2	91.3	169.6
98	49.4	44.2	82.0

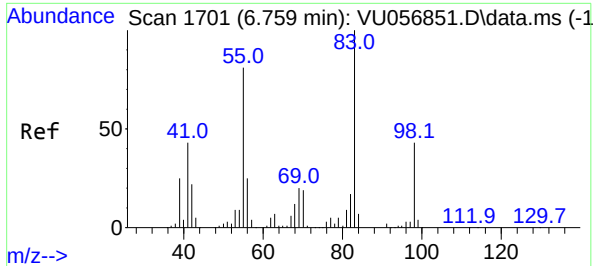


#34
 Trichloroethene
 Concen: 5.243 ug/L
 RT: 6.538 min Scan# 1632
 Delta R.T. 0.000 min
 Lab File: VU056876.D
 Acq: 15 Dec 2023 13:57

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

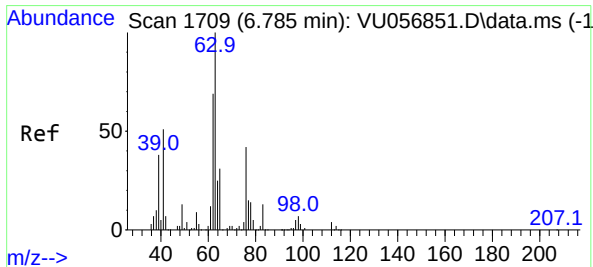
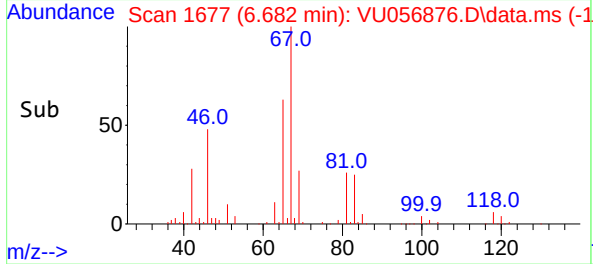
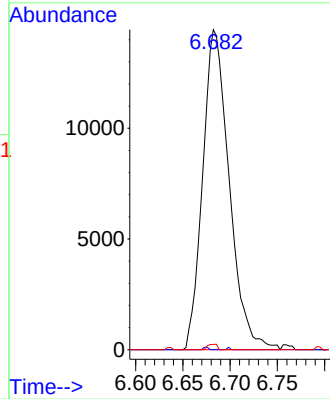
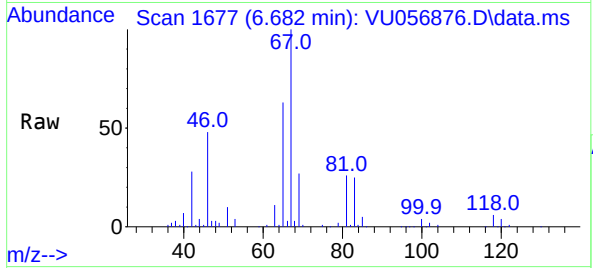




#35
Methylcyclohexane
Concen: 0.883 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU056876.D
Acq: 15 Dec 2023 13:57

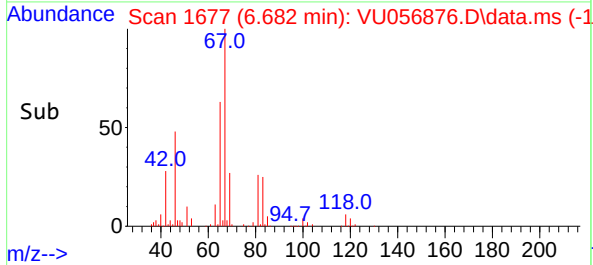
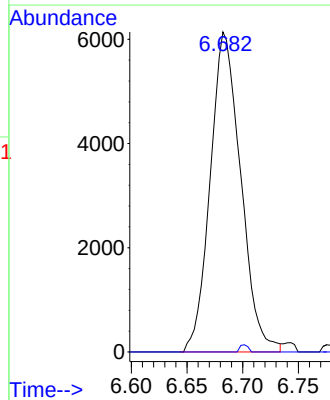
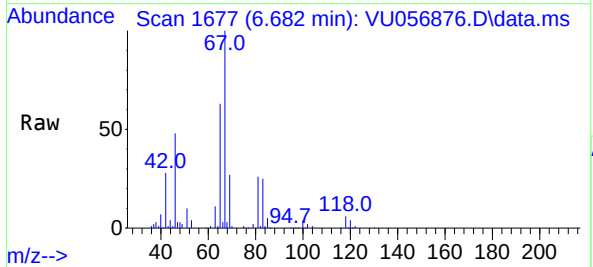
Instrument :
MSVOA_U
ClientSampleId :
H0AC9DL

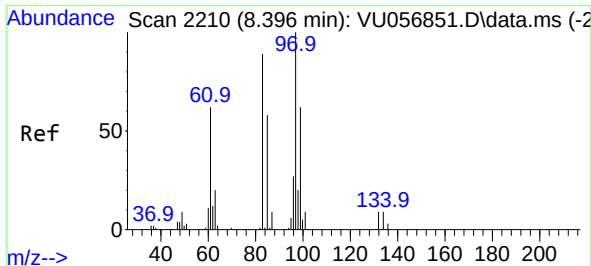
Tgt Ion:	83	Resp:	28220
Ion	Ratio	Lower	Upper
83	100		
55	0.1	64.6	97.0#
98	0.6	36.1	54.1#



#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 :

H0AC9DL

Tgt Ion: 97 Resp: 1508

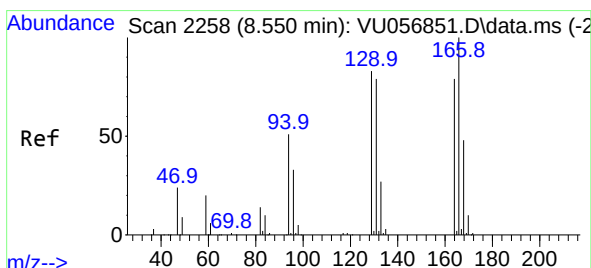
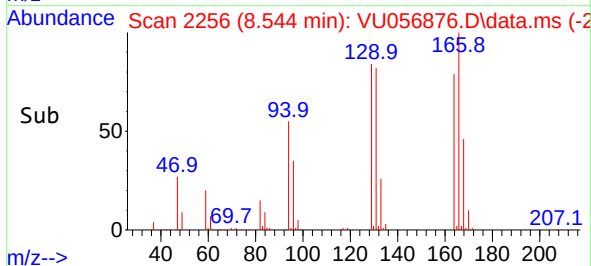
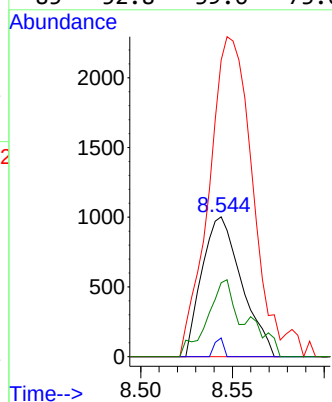
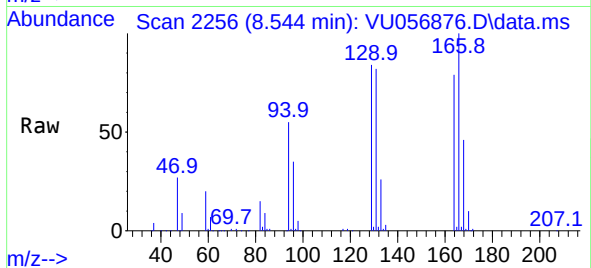
Ion Ratio Lower Upper

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

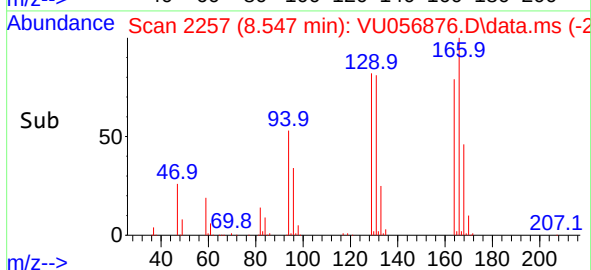
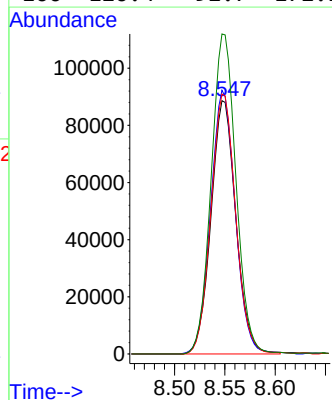
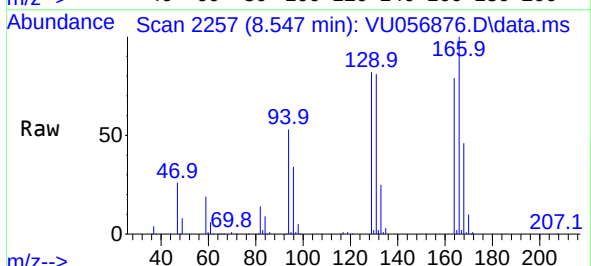
Ion Ratio Lower Upper

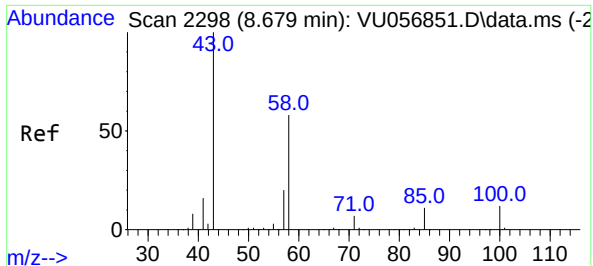
164 100

129 104.2 73.4 136.4

131 102.7 71.5 132.9

166 126.4 92.7 172.1

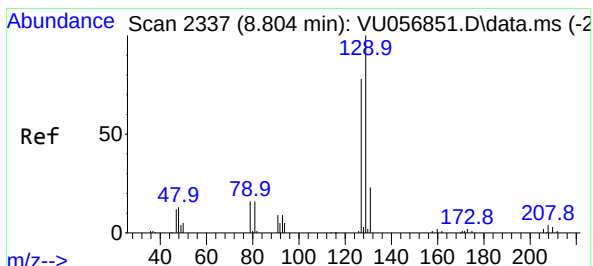
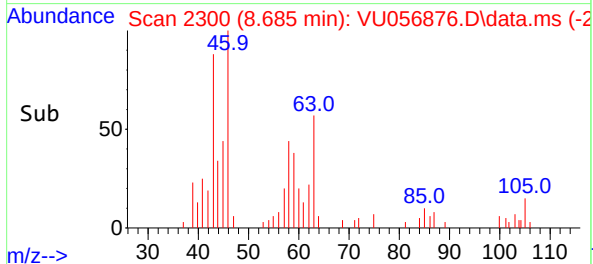
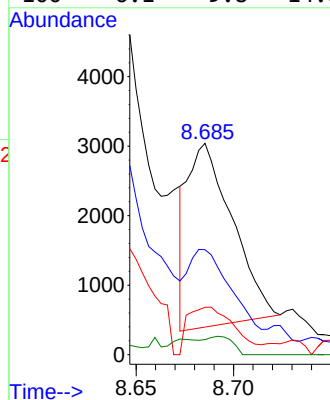
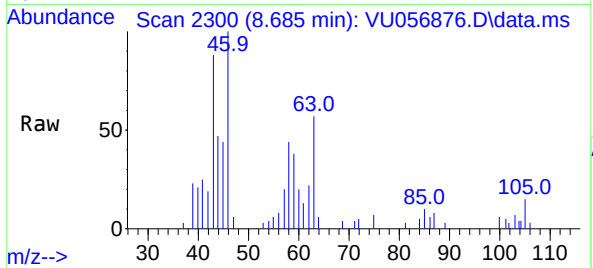




#48
2-Hexanone
Concen: 0.619 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU056876.D
Acq: 15 Dec 2023 13:57

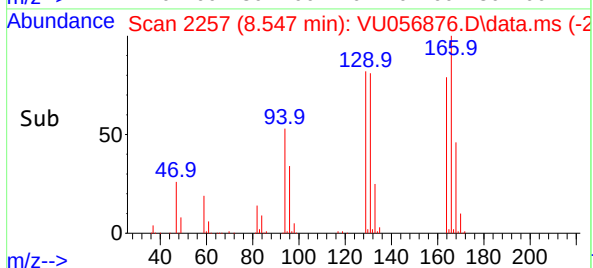
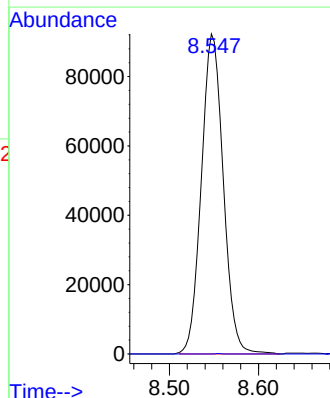
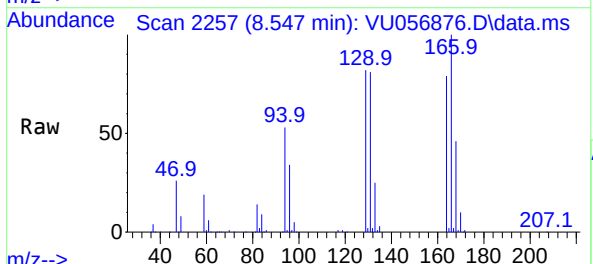
Instrument :
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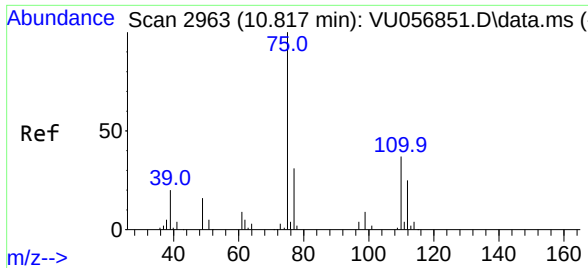
Tgt Ion: 43	Resp: 4228
Ion Ratio	Lower Upper
43 100	
58 43.0	47.5 71.3#
57 27.3	17.0 25.4#
100 6.1	9.8 14.8#



#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

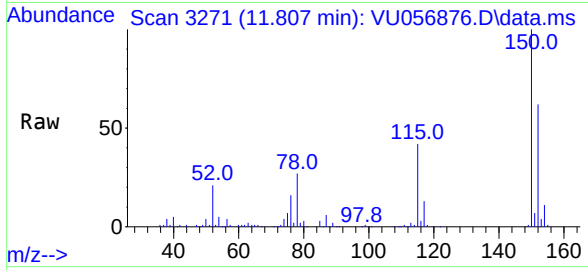
Tgt Ion:129	Resp: 157876		
Ion Ratio	Lower	Upper	
129 100			
127 0.0	53.9	100.1#	





#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 :
 H0AC9DL



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

