

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056878.D
 Acq On : 15 Dec 2023 14:46
 Operator : MD/SY
 Sample : 05677-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AD8

Quant Time: Dec 15 22:25:53 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)

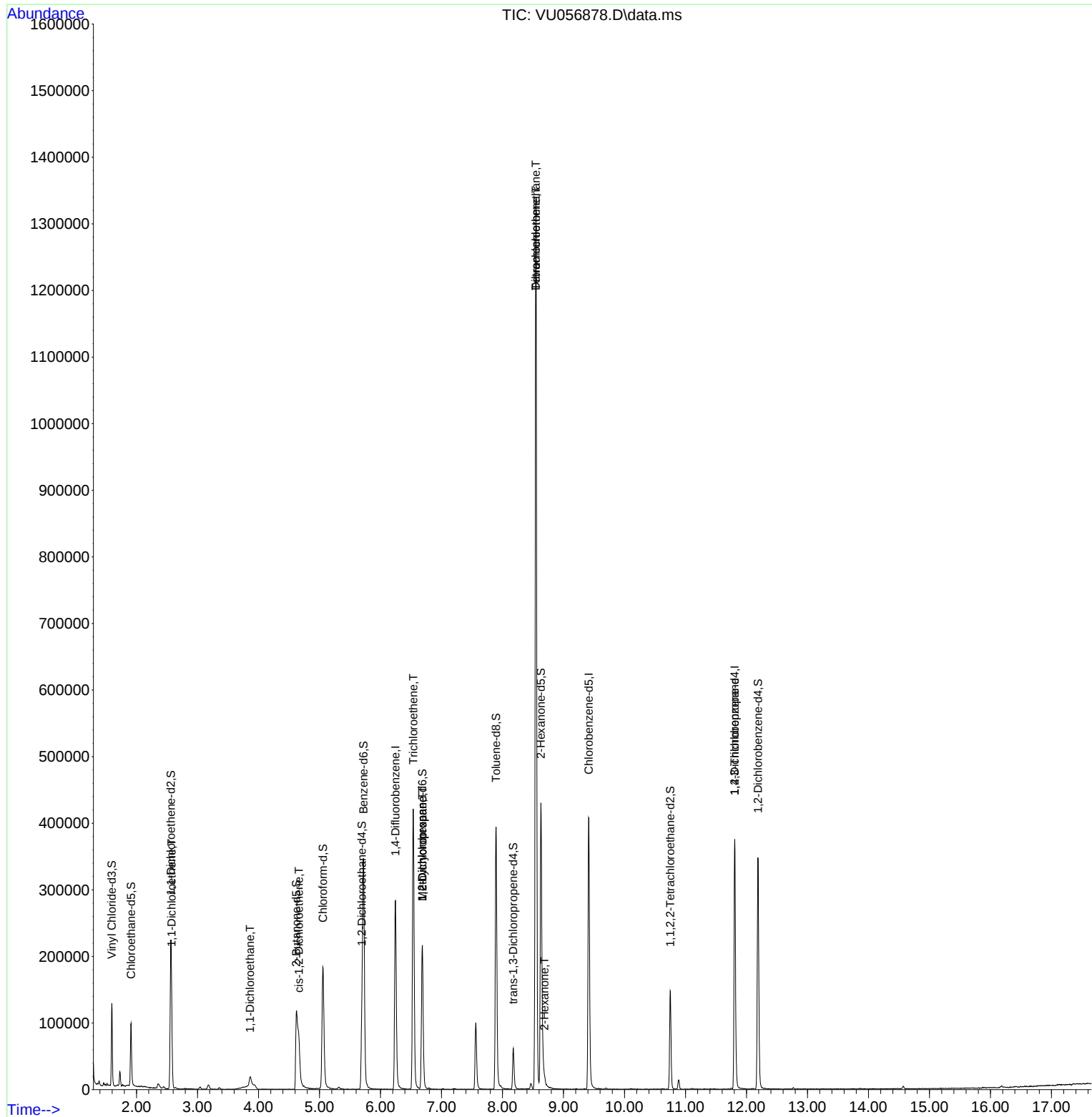
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	233668	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	238044	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	100543	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	87136	4.350	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.910	69	69478	4.635	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.563	65	37802	4.411	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.621	46	183909	46.495	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.980%
24) Chloroform-d	5.055	84	176618	4.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.695	65	85297	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.721	84	335931	4.550	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.685	67	108121	4.679	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.894	98	276487	4.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	8.177	79	37274	4.159	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.630	63	148213	43.848	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.700%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	75290	4.503	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	92482	4.679	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	20277	1.069	ug/L #	7
19) 1,1-Dichloroethane	3.862	63	16957	0.458	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	28722	1.373	ug/L	94
34) Trichloroethene	6.537	95	152220	6.633	ug/L	99
35) Methylcyclohexane	6.685	83	24117	0.712	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	11242	0.525	ug/L #	89
47) Tetrachloroethene	8.547	164	286741	17.854	ug/L	98
48) 2-Hexanone	8.688	43	6310	0.872	ug/L #	80
49) Dibromochloromethane	8.547	129	295250	17.754	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	13228	1.225	ug/L #	69

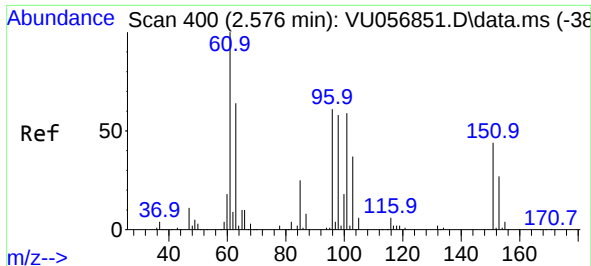
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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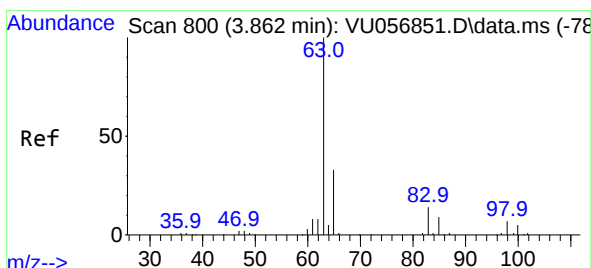
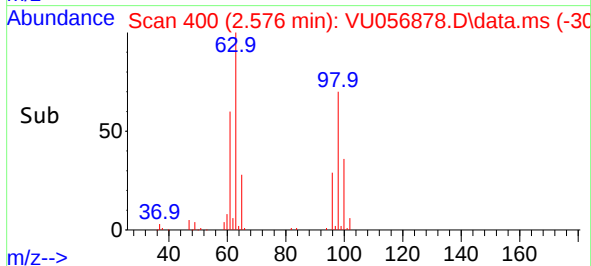
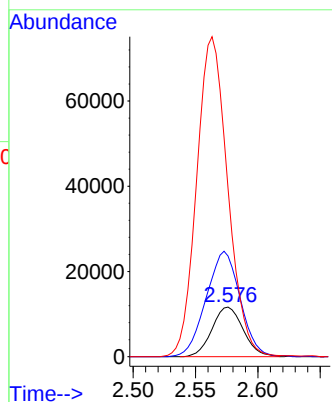
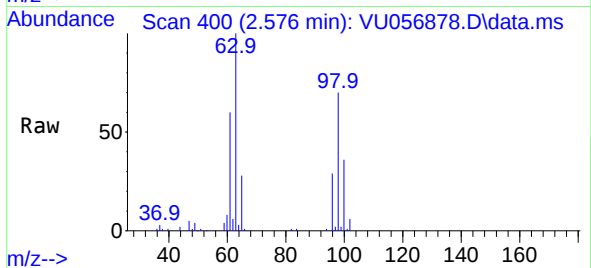




#12
1,1-Dichloroethene
Concen: 1.069 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056878.D
Acq: 15 Dec 2023 14:46

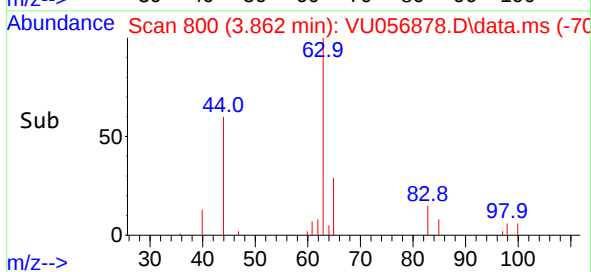
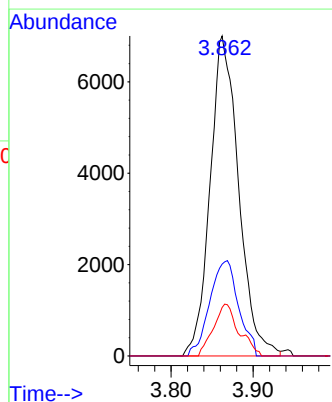
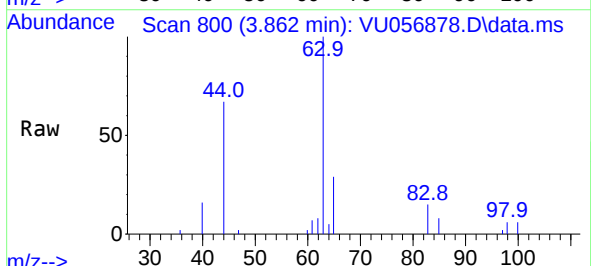
Instrument :
MSVOA_U
ClientSampleId :
H0AD8

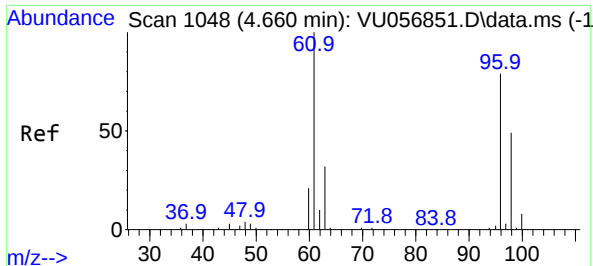
Tgt Ion: 96 Resp: 20277
Ion Ratio Lower Upper
96 100
61 202.9 119.0 221.0
63 339.2 88.7 164.7#



#19
1,1-Dichloroethane
Concen: 0.458 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU056878.D
Acq: 15 Dec 2023 14:46

Tgt Ion: 63 Resp: 16957
Ion Ratio Lower Upper
63 100
65 28.7 22.9 42.5
83 15.2 10.1 18.9

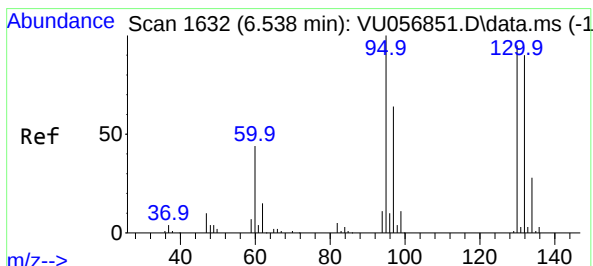
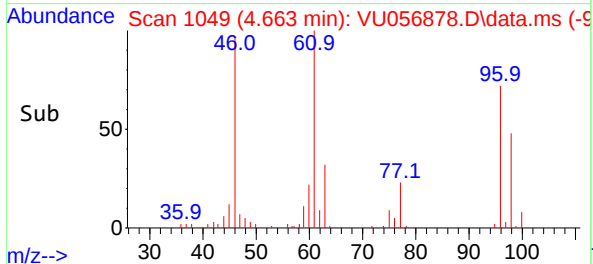
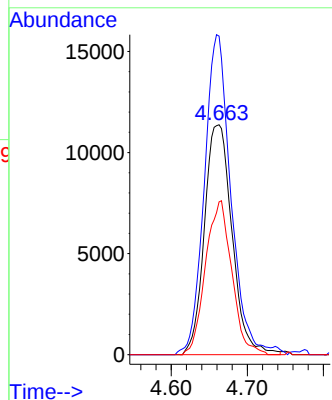
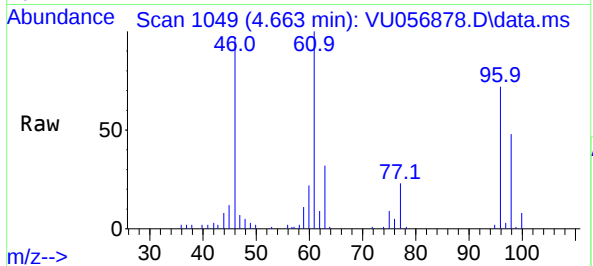




#22
cis-1,2-Dichloroethene
Concen: 1.373 ug/L
RT: 4.663 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU056878.D
Acq: 15 Dec 2023 14:46

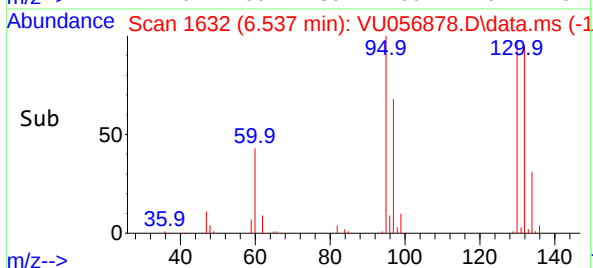
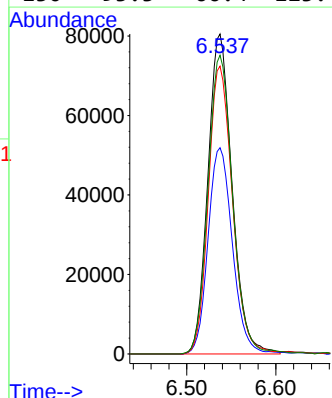
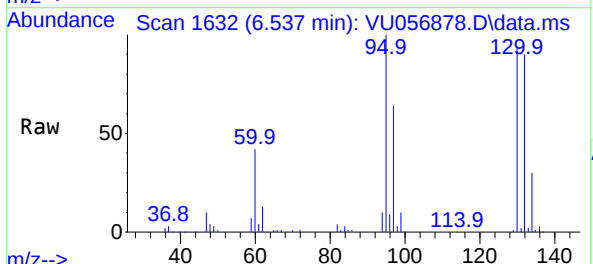
Instrument :
MSVOA_U
ClientSampleId :
H0AD8

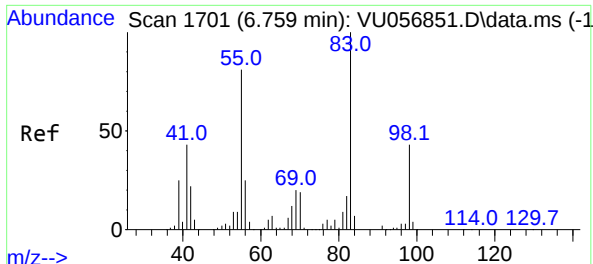
Tgt Ion: 96 Resp: 28722
Ion Ratio Lower Upper
96 100
61 138.5 91.3 169.6
98 66.4 44.2 82.0



#34
Trichloroethene
Concen: 6.633 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU056878.D
Acq: 15 Dec 2023 14:46

Tgt Ion: 95 Resp: 152220
Ion Ratio Lower Upper
95 100
97 64.5 46.1 85.5
132 90.0 63.6 118.0
130 93.3 66.4 123.4

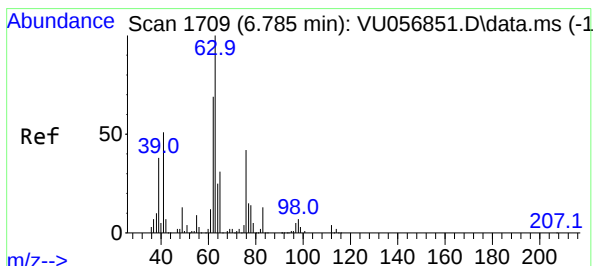
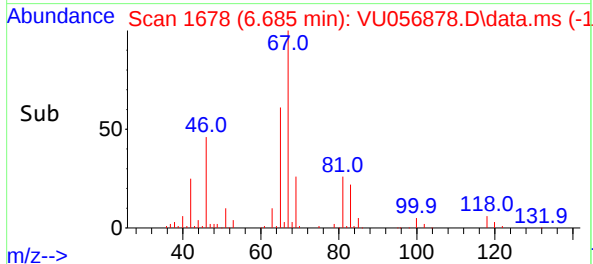
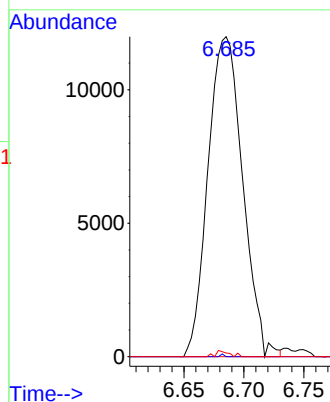
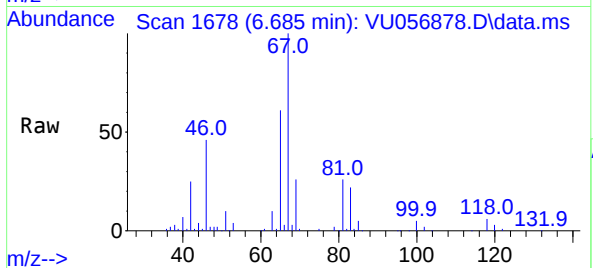




#35
Methylcyclohexane
Concen: 0.712 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056878.D
Acq: 15 Dec 2023 14:46

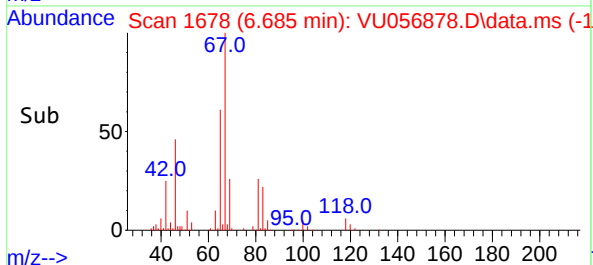
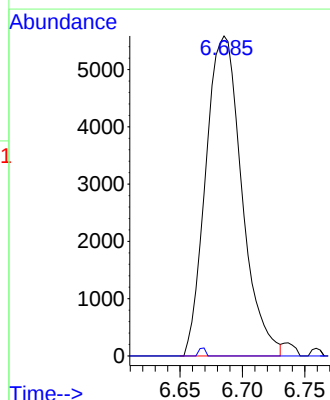
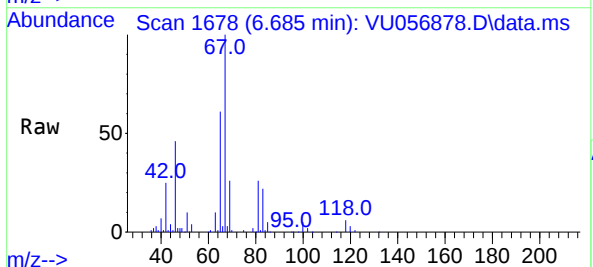
Instrument :
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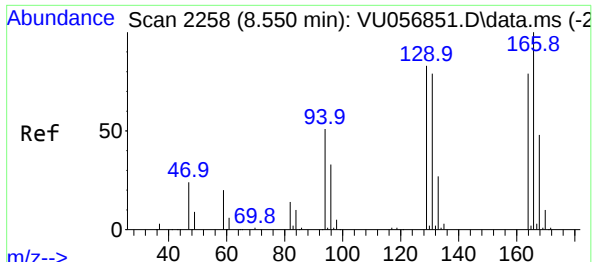
Tgt Ion: 83 Resp: 24117
Ion Ratio Lower Upper
83 100
55 0.1 64.6 97.0#
98 0.7 36.1 54.1#



#37
1,2-Dichloropropane
Concen: 0.525 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU056878.D
Acq: 15 Dec 2023 14:46

Tgt Ion: 63 Resp: 11242
Ion Ratio Lower Upper
63 100
112 0.5 3.3 4.9#

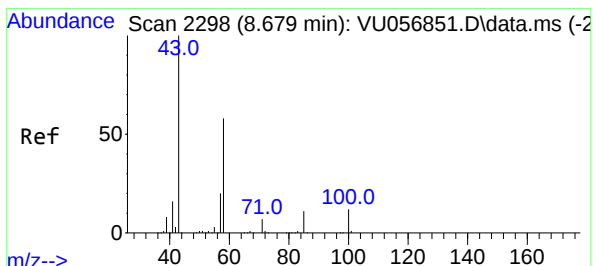
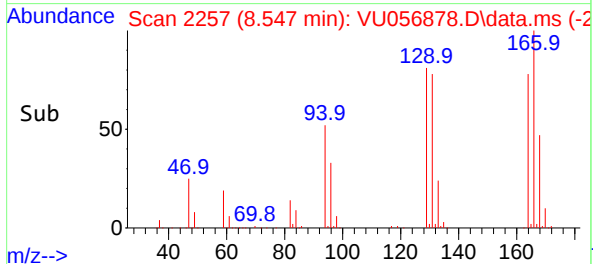
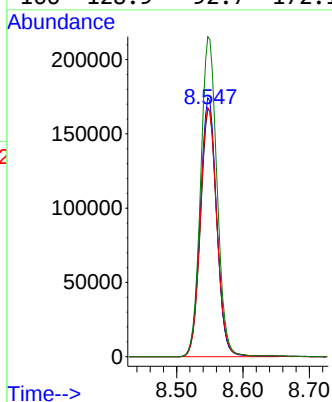
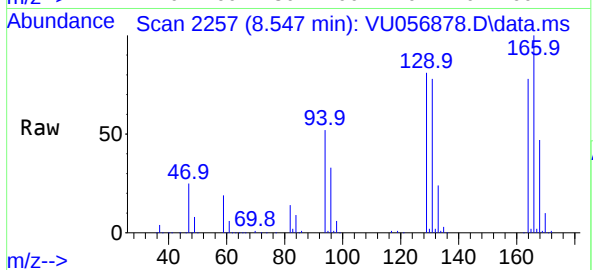




#47
Tetrachloroethene
Concen: 17.854 ug/L
RT: 8.547 min Scan# 210
Delta R.T. -0.003 min
Lab File: VU056878.D
Acq: 15 Dec 2023 14:46

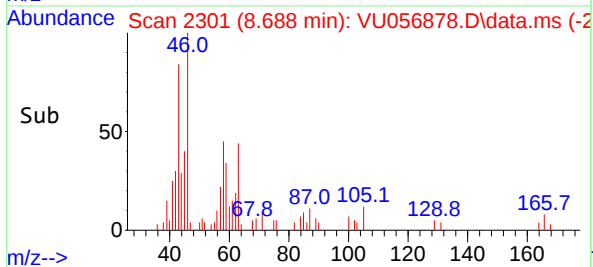
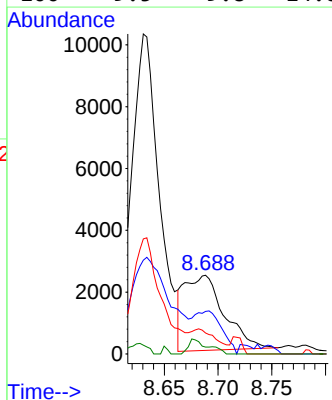
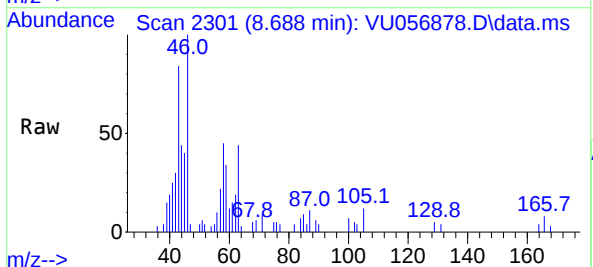
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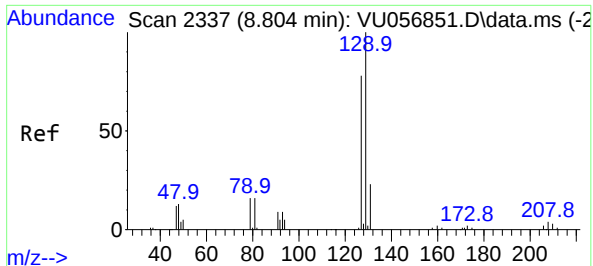
Tgt Ion:164 Resp: 286741
Ion Ratio Lower Upper
164 100
129 104.3 73.4 136.4
131 100.3 71.5 132.9
166 128.9 92.7 172.1



#48
2-Hexanone
Concen: 0.872 ug/L
RT: 8.688 min Scan# 2301
Delta R.T. 0.009 min
Lab File: VU056878.D
Acq: 15 Dec 2023 14:46

Tgt Ion: 43 Resp: 6310
Ion Ratio Lower Upper
43 100
58 37.1 47.5 71.3#
57 20.8 17.0 25.4
100 9.5 9.8 14.8#





#49

Dibromochloromethane

Concen: 17.754 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU056878.D

Acq: 15 Dec 2023 14:46

Instrument :

MSVOA_U

ClientSampleId :

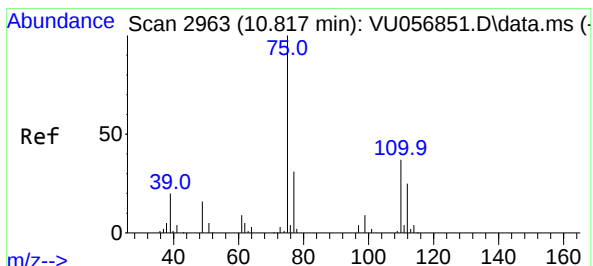
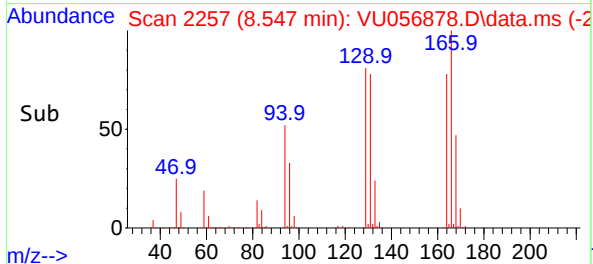
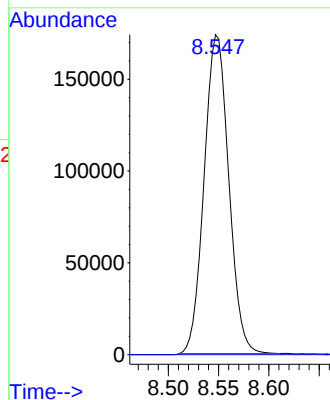
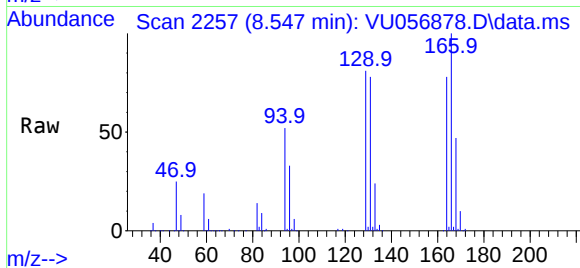
H0AD8

Tgt Ion:129 Resp: 295250

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#



#61

1,2,3-Trichloropropane

Concen: 1.225 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU056878.D

Acq: 15 Dec 2023 14:46

Tgt Ion: 75 Resp: 13228

Ion Ratio Lower Upper

75 100

110 2.4 28.4 42.6#

77 30.8 26.3 39.5

