

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056908.D
 Acq On : 16 Dec 2023 03:18
 Operator : MD/SY
 Sample : 05809-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F7C86

Quant Time: Dec 16 05:13:42 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)

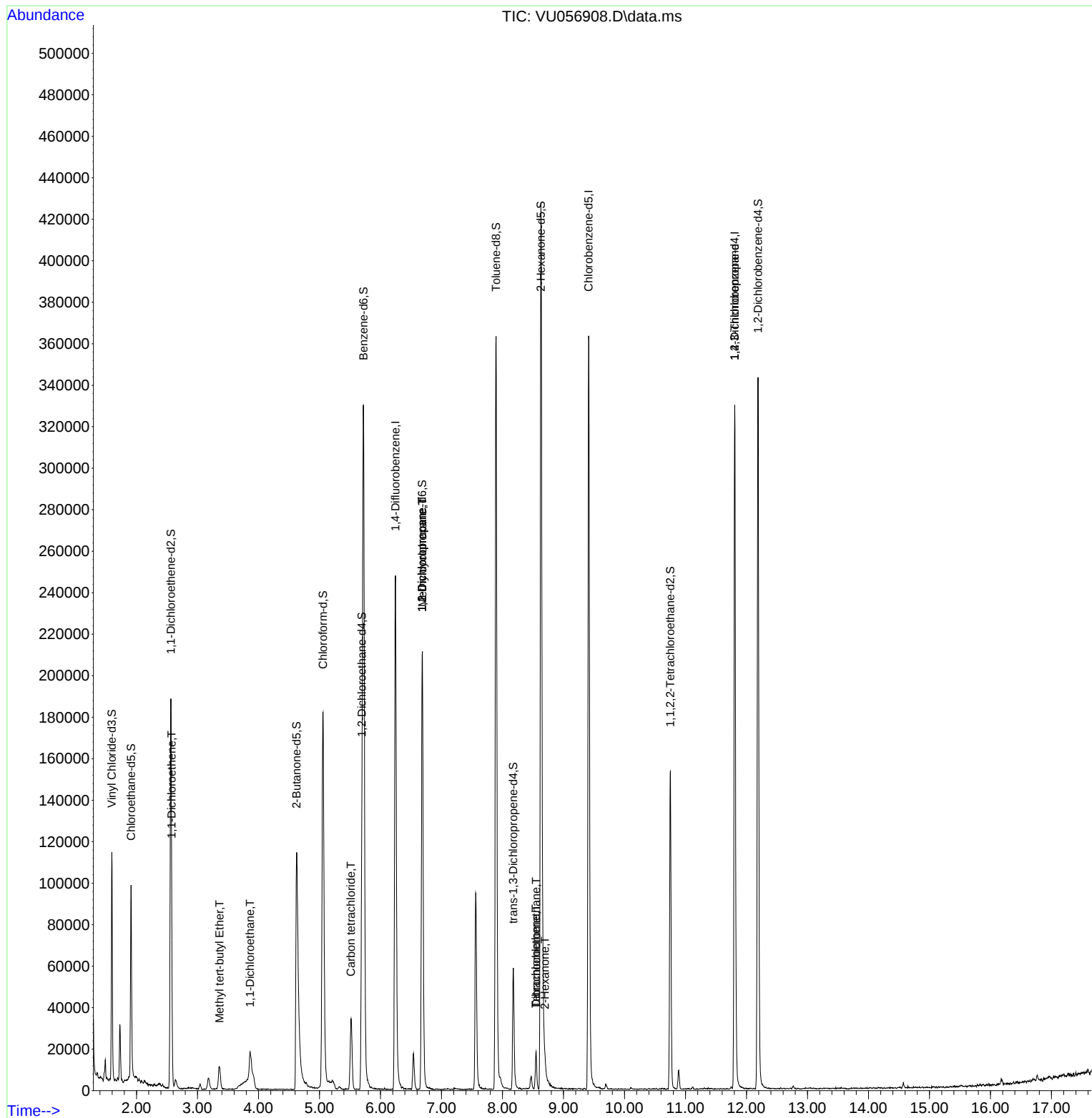
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	207809	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	214753	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	88945	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	78551	4.410	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.200%	
7) Chloroethane-d5	1.911	69	65424	4.908	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.200%	
11) 1,1-Dichloroethene-d2	2.563	65	34795	4.566	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.400%	
20) 2-Butanone-d5	4.624	46	198626	56.464	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	112.920%	
24) Chloroform-d	5.055	84	171625	5.088	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.800%	
26) 1,2-Dichloroethane-d4	5.695	65	85429	5.352	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.000%	
32) Benzene-d6	5.721	84	320835	4.817	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.400%	
36) 1,2-Dichloropropane-d6	6.682	67	105251	5.048	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.000%	
41) Toluene-d8	7.894	98	254642	4.277	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.600%	
43) trans-1,3-Dichloroprop...	8.177	79	36530	4.518	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.400%	
46) 2-Hexanone-d5	8.631	63	150748	49.435	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.860%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	77537	5.140	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	94529	5.406	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.200%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	6889	0.408	ug/L #	1
17) Methyl tert-butyl Ether	3.361	73	12779	0.342	ug/L	97
19) 1,1-Dichloroethane	3.862	63	15011	0.456	ug/L	93
31) Carbon tetrachloride	5.515	117	24122	0.894	ug/L	99
35) Methylcyclohexane	6.685	83	25028	0.819	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	11076	0.574	ug/L #	88
47) Tetrachloroethene	8.547	164	3457	0.239	ug/L	91
48) 2-Hexanone	8.695	43	5232	0.801	ug/L #	40
49) Dibromochloromethane	8.550	129	3620	0.241	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	11515	1.206	ug/L #	67

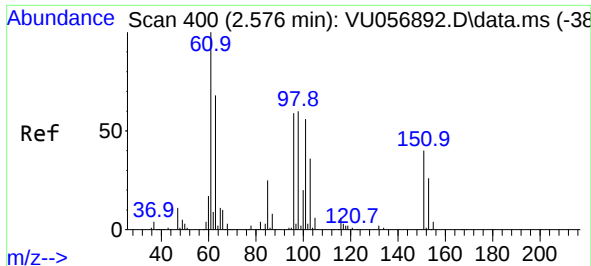
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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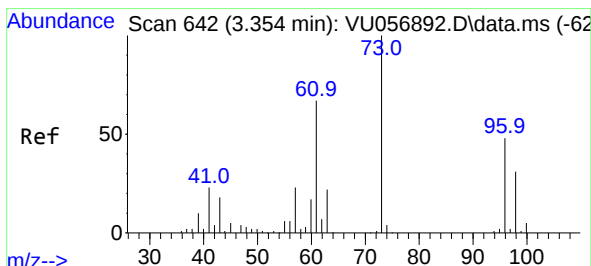
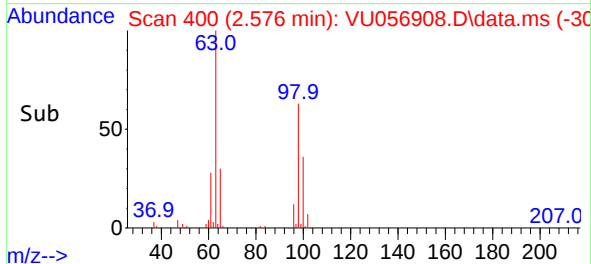
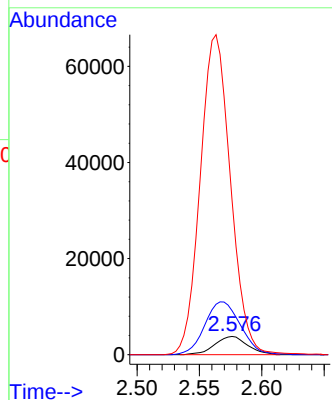
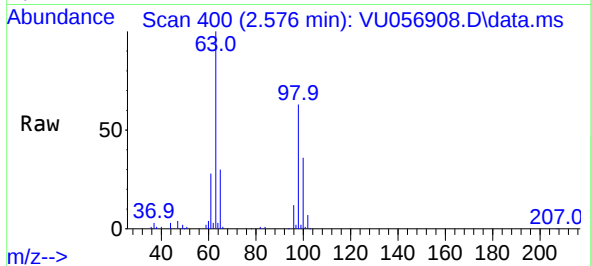




#12
1,1-Dichloroethene
Concen: 0.408 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056908.D
Acq: 16 Dec 2023 03:18

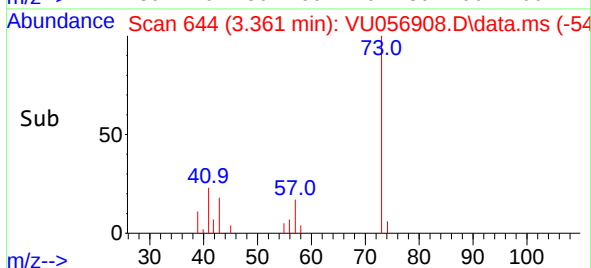
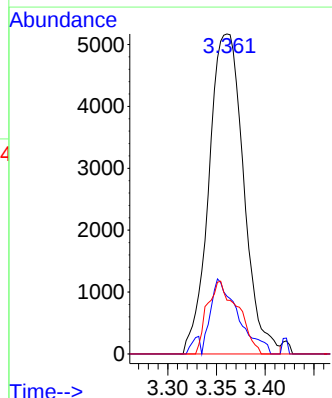
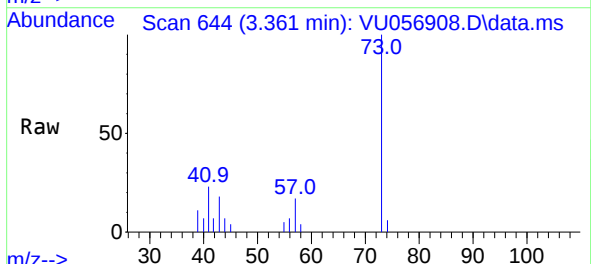
Instrument :
MSVOA_U
ClientSampleId :
F7C86

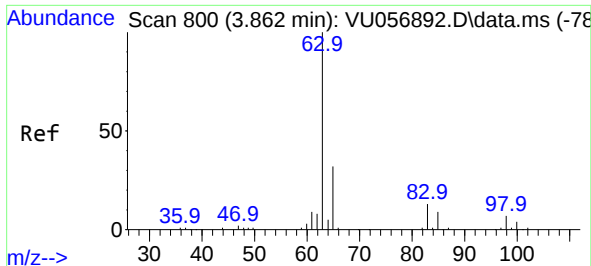
Tgt Ion: 96 Resp: 6889
Ion Ratio Lower Upper
96 100
61 241.2 119.0 221.0#
63 847.4 88.7 164.7#



#17
Methyl tert-butyl Ether
Concen: 0.342 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.006 min
Lab File: VU056908.D
Acq: 16 Dec 2023 03:18

Tgt Ion: 73 Resp: 12779
Ion Ratio Lower Upper
73 100
43 18.6 14.4 21.6
57 20.1 17.8 26.8

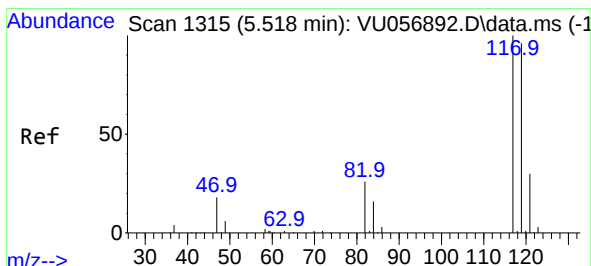
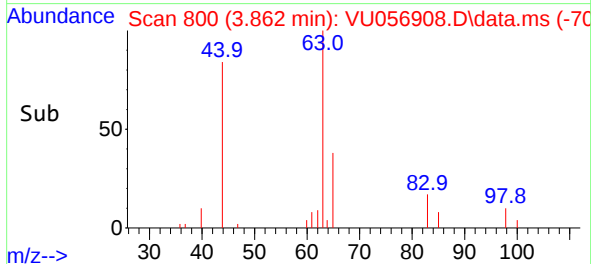
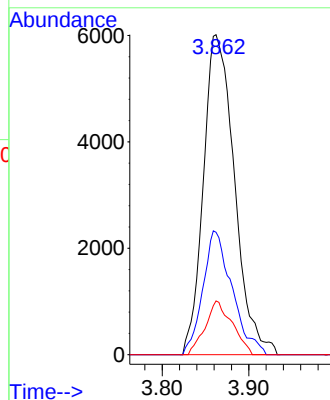
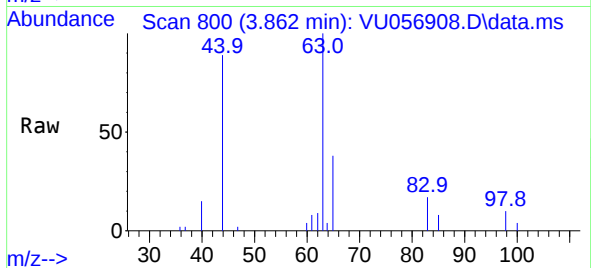




#19
1,1-Dichloroethane
Concen: 0.456 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU056908.D
Acq: 16 Dec 2023 03:18

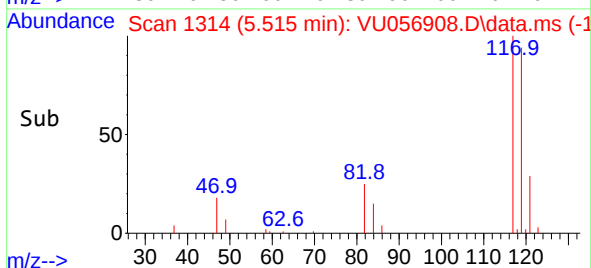
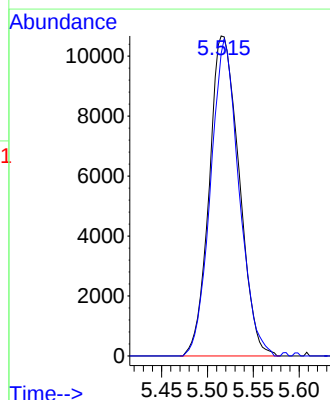
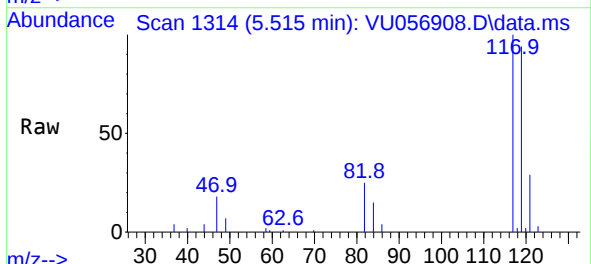
Instrument :
MSVOA_U
ClientSampleId :
F7C86

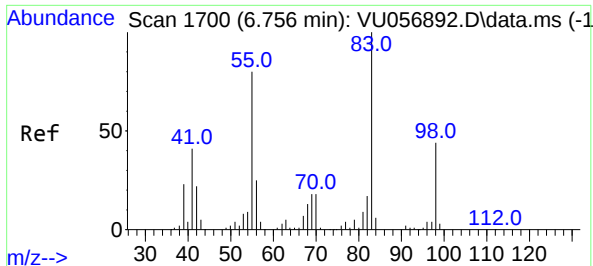
Tgt Ion: 63 Resp: 15011
Ion Ratio Lower Upper
63 100
65 37.0 22.9 42.5
83 16.2 10.1 18.9



#31
Carbon tetrachloride
Concen: 0.894 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.003 min
Lab File: VU056908.D
Acq: 16 Dec 2023 03:18

Tgt Ion: 117 Resp: 24122
Ion Ratio Lower Upper
117 100
119 94.2 76.2 114.4

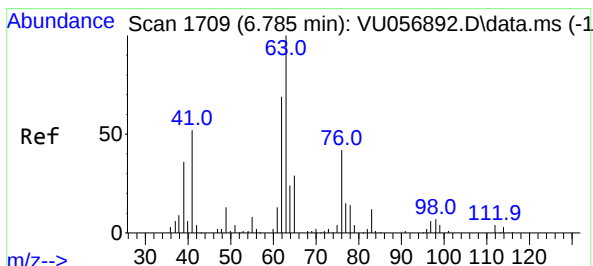
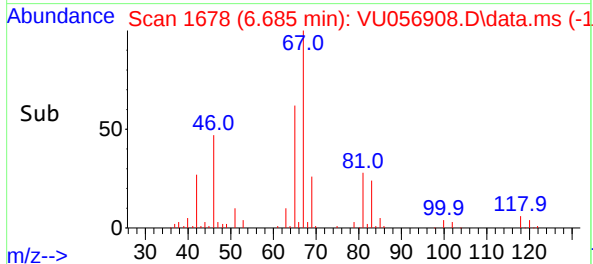
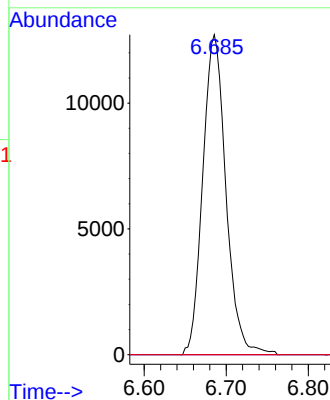
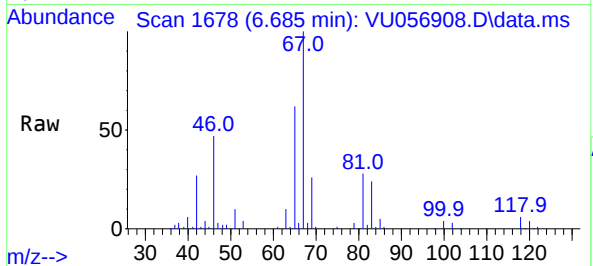




#35
Methylcyclohexane
Concen: 0.819 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU056908.D
Acq: 16 Dec 2023 03:18

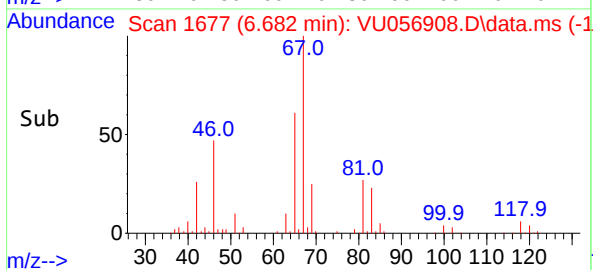
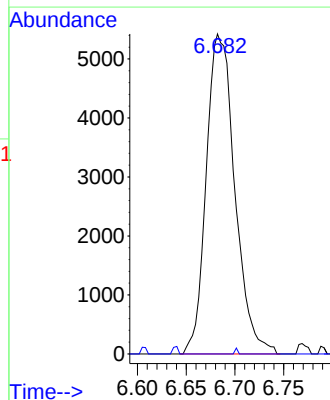
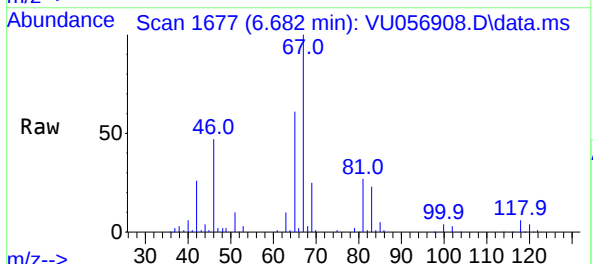
Instrument :
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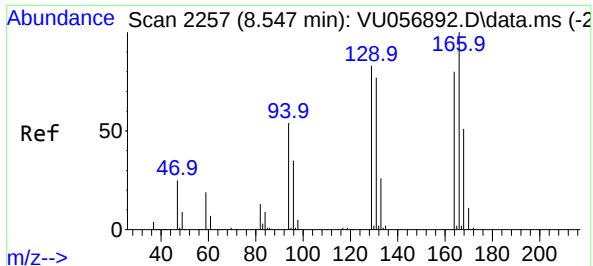
Tgt Ion: 83 Resp: 25028
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 0.5 36.1 54.1#



#37
1,2-Dichloropropane
Concen: 0.574 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.103 min
Lab File: VU056908.D
Acq: 16 Dec 2023 03:18

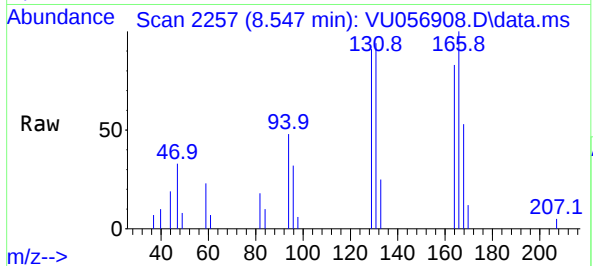
Tgt Ion: 63 Resp: 11076
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#





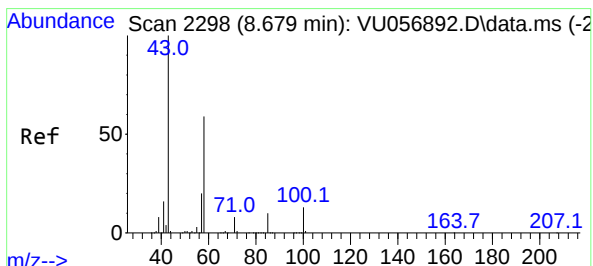
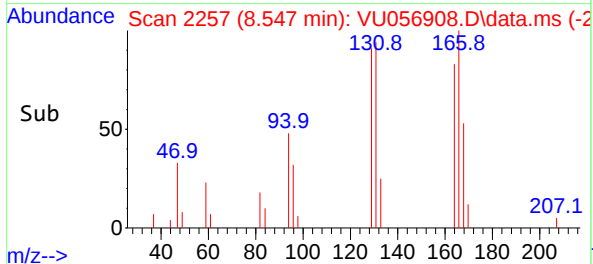
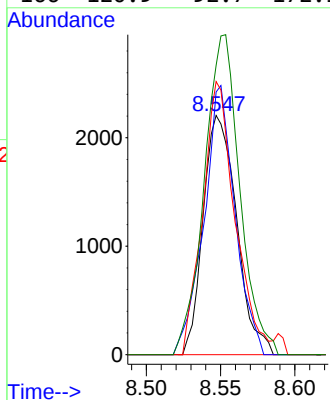
#47
Tetrachloroethene
Concen: 0.239 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU056908.D
Acq: 16 Dec 2023 03:18

Instrument :
MSVOA_U
ClientSampleId :
F7C86



Tgt Ion:164 Resp: 3457

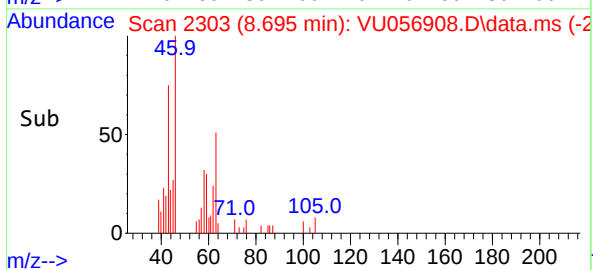
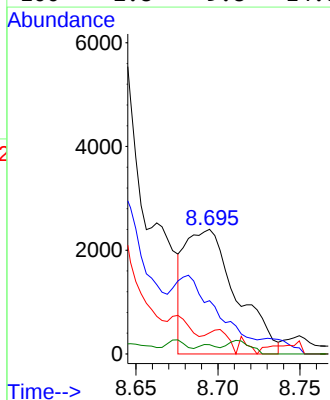
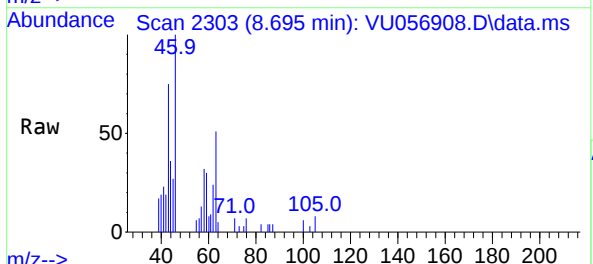
Ion	Ratio	Lower	Upper
164	100		
129	109.8	73.4	136.4
131	114.2	71.5	132.9
166	120.9	92.7	172.1

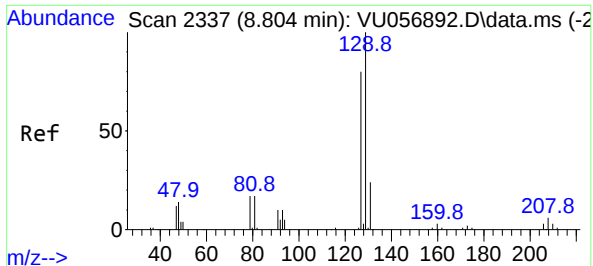


#48
2-Hexanone
Concen: 0.801 ug/L
RT: 8.695 min Scan# 2303
Delta R.T. 0.016 min
Lab File: VU056908.D
Acq: 16 Dec 2023 03:18

Tgt Ion: 43 Resp: 5232

Ion	Ratio	Lower	Upper
43	100		
58	0.0	47.5	71.3#
57	8.6	17.0	25.4#
100	2.8	9.8	14.8#





#49

Dibromochloromethane

Concen: 0.241 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU056908.D

Acq: 16 Dec 2023 03:18

Instrument :

MSVOA_U

ClientSampleId :

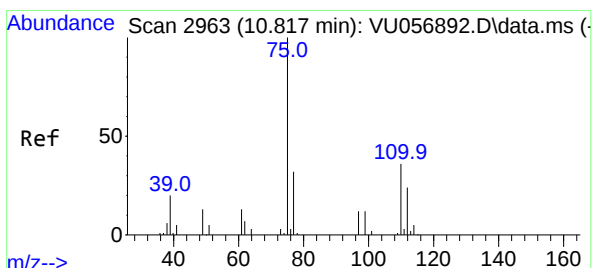
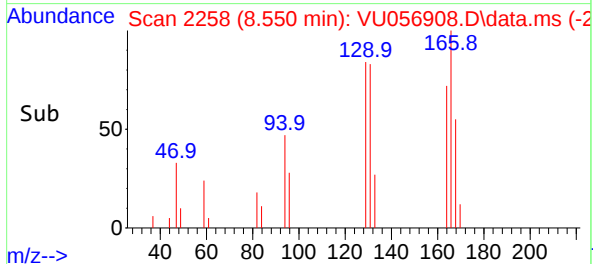
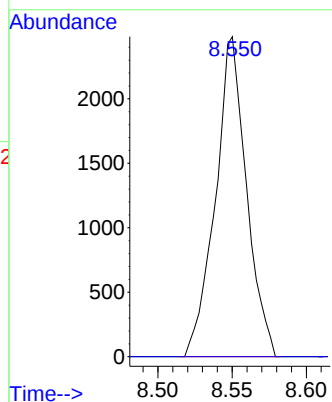
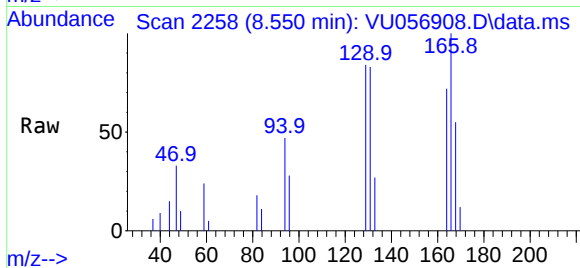
F7C86

Tgt Ion:129 Resp: 3620

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#



#61

1,2,3-Trichloropropane

Concen: 1.206 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU056908.D

Acq: 16 Dec 2023 03:18

Tgt Ion: 75 Resp: 11515

Ion Ratio Lower Upper

75 100

110 1.1 28.4 42.6#

77 30.2 26.3 39.5

