

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121623\
 Data File : VU056924.D
 Acq On : 16 Dec 2023 14:02
 Operator : MD/SY
 Sample : 05810-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 16 23:46:55 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)

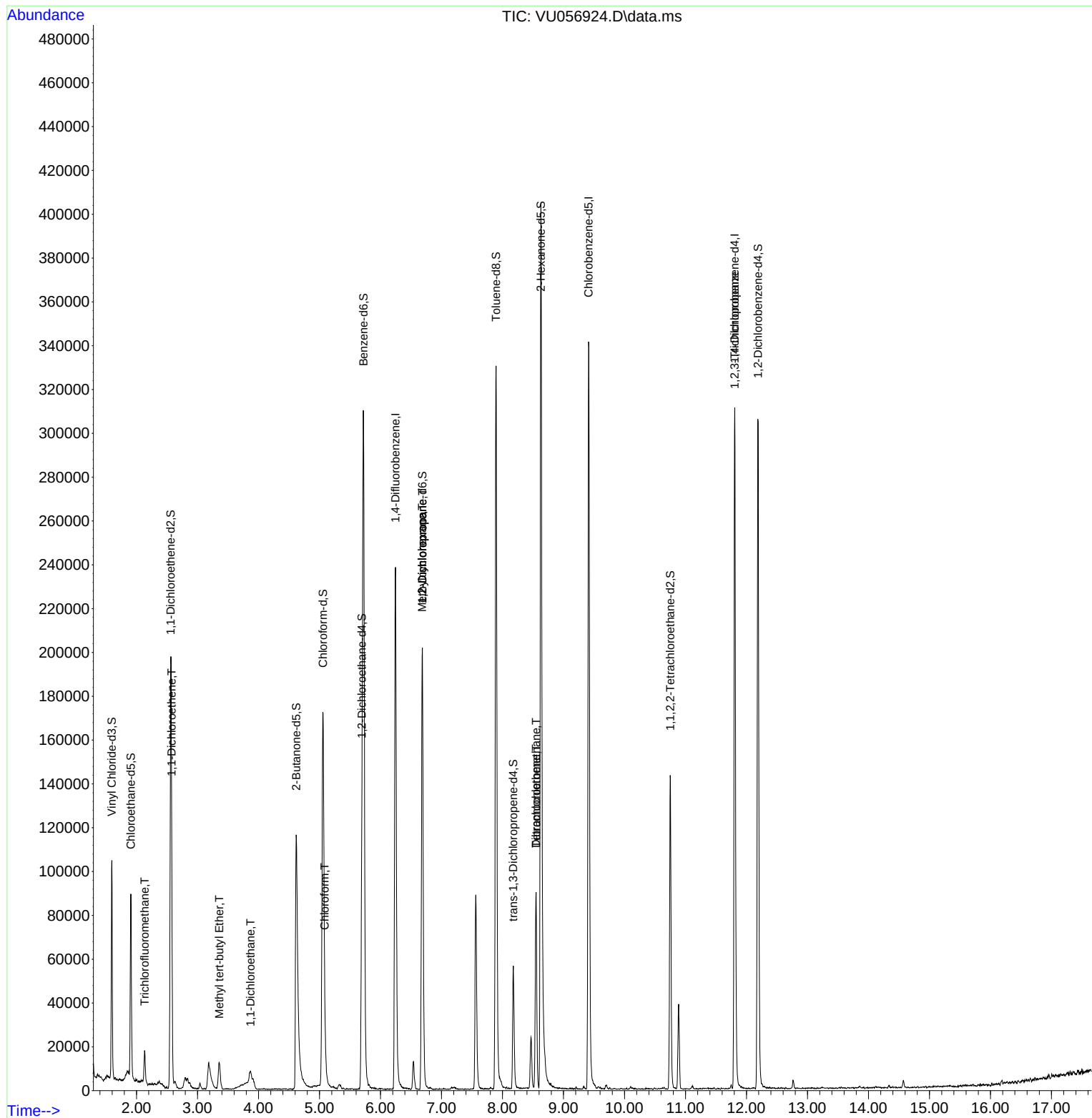
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	194761	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	198578	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	84807	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	70442	4.220	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.400%	
7) Chloroethane-d5	1.907	69	62226	4.981	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.600%	
11) 1,1-Dichloroethene-d2	2.560	65	32351	4.529	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.600%	
20) 2-Butanone-d5	4.618	46	179923	54.574	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.140%	
24) Chloroform-d	5.055	84	160407	5.074	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.400%	
26) 1,2-Dichloroethane-d4	5.695	65	79979	5.346	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.000%	
32) Benzene-d6	5.721	84	297881	4.836	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.800%	
36) 1,2-Dichloropropane-d6	6.685	67	98004	5.084	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.600%	
41) Toluene-d8	7.894	98	230578	4.188	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.800%	
43) trans-1,3-Dichloroprop...	8.177	79	33786	4.519	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.400%	
46) 2-Hexanone-d5	8.631	63	137321	48.700	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.400%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	72085	5.168	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	83525	5.010	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.200%	
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.132	101	9342	0.333	ug/L	100
12) 1,1-Dichloroethene	2.576	96	19858	1.256	ug/L #	43
17) Methyl tert-butyl Ether	3.357	73	12664	0.361	ug/L #	86
19) 1,1-Dichloroethane	3.869	63	5974	0.194	ug/L #	89
25) Chloroform	5.084	83	17323	0.536	ug/L	91
35) Methylcyclohexane	6.682	83	23960	0.848	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	10945	0.613	ug/L #	89
47) Tetrachloroethene	8.550	164	19209	1.434	ug/L	96
49) Dibromochloromethane	8.550	129	19757	1.424	ug/L #	11
61) 1,2,3-Trichloropropane	11.804	75	10740	1.179	ug/L #	68

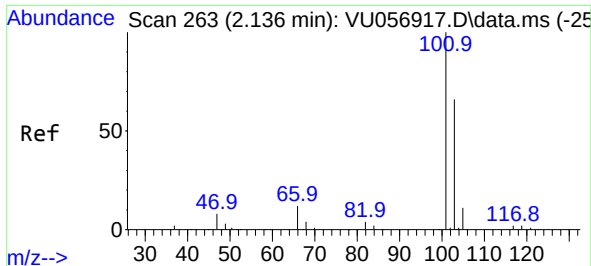
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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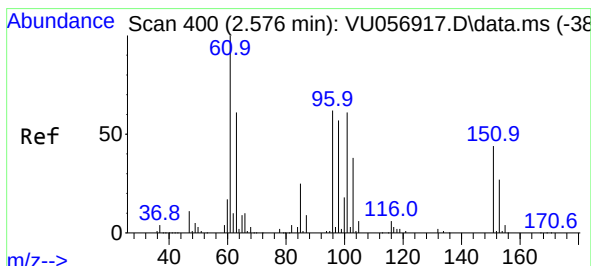
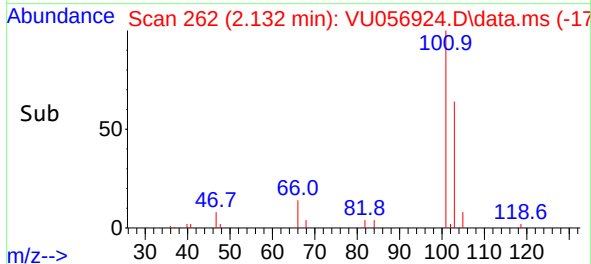
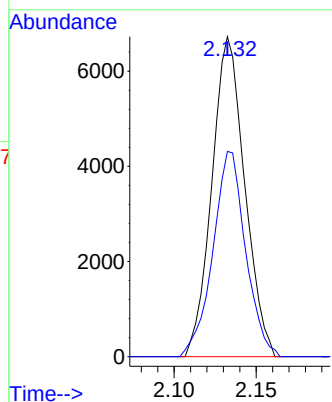
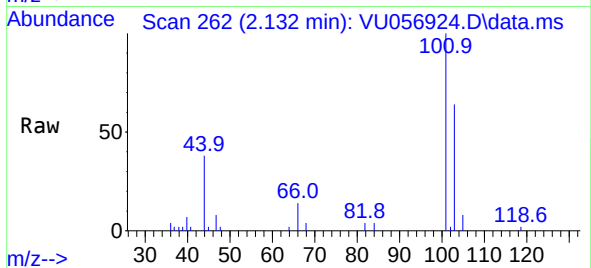




#9
Trichlorofluoromethane
Concen: 0.333 ug/L
RT: 2.132 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU056924.D
Acq: 16 Dec 2023 14:02

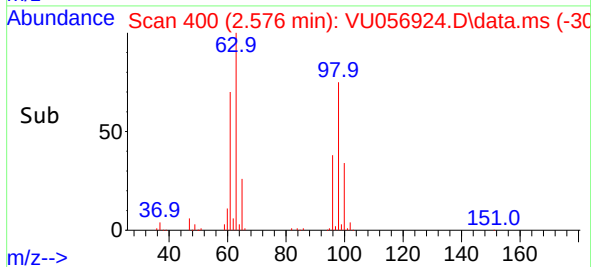
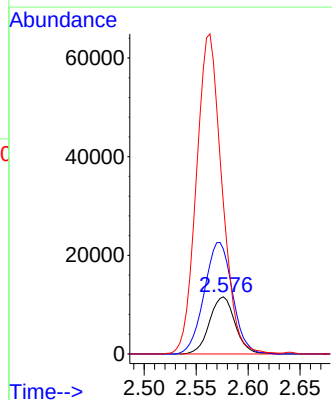
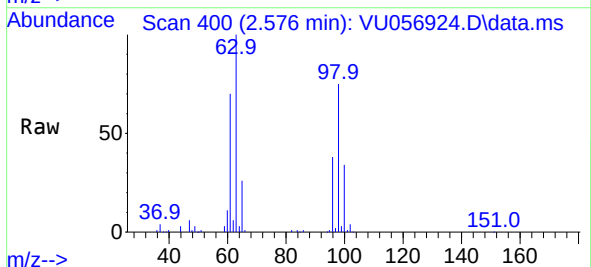
Instrument :
MSVOA_U
ClientSampleId :

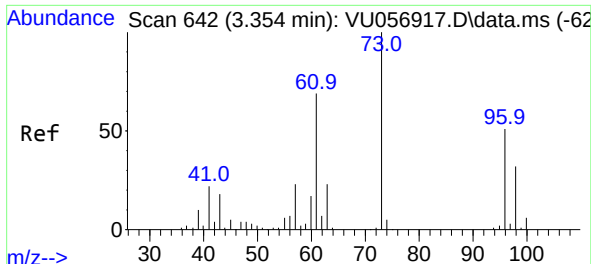
Tgt Ion:101 Resp: 9342
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.2



#12
1,1-Dichloroethene
Concen: 1.256 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056924.D
Acq: 16 Dec 2023 14:02

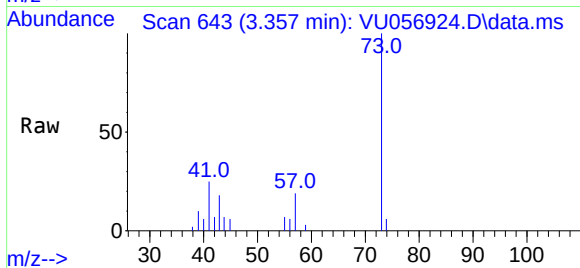
Tgt Ion: 96 Resp: 19858
Ion Ratio Lower Upper
96 100
61 183.7 119.0 221.0
63 263.5 88.7 164.7#



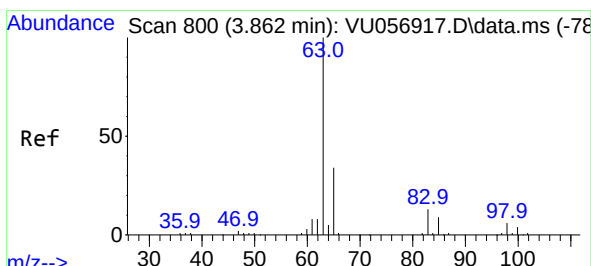
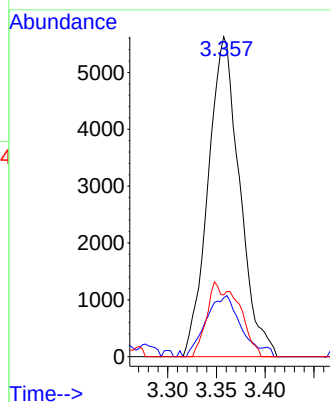
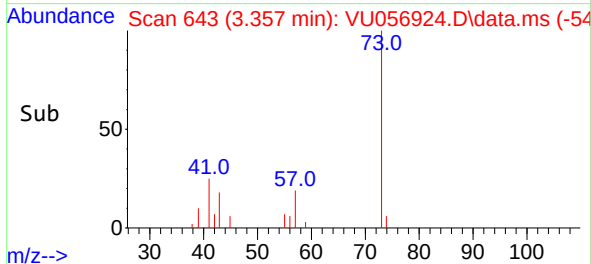


#17
Methyl tert-butyl Ether
Concen: 0.361 ug/L
RT: 3.357 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU056924.D
Acq: 16 Dec 2023 14:02

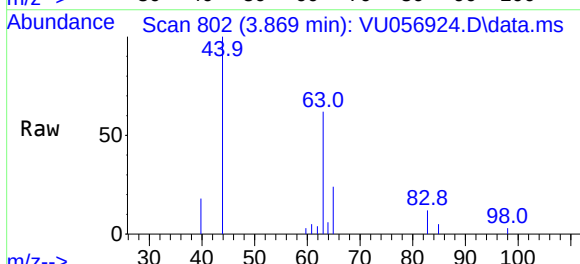
Instrument :
MSVOA_U
ClientSampleId :



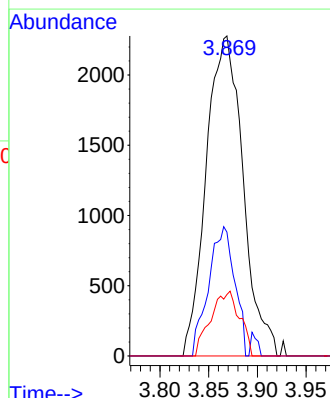
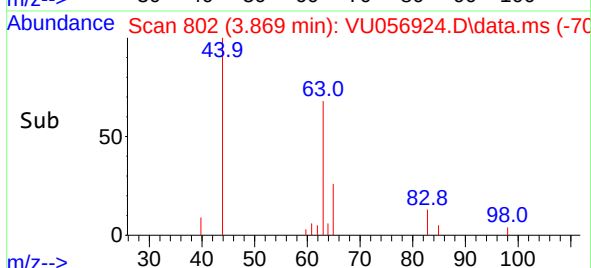
Tgt Ion: 73 Resp: 12664
Ion Ratio Lower Upper
73 100
43 20.7 14.4 21.6
57 12.3 17.8 26.8#

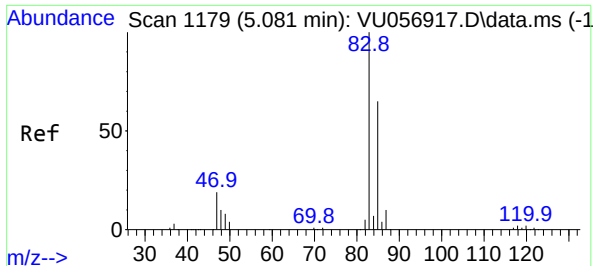


#19
1,1-Dichloroethane
Concen: 0.194 ug/L
RT: 3.869 min Scan# 802
Delta R.T. 0.006 min
Lab File: VU056924.D
Acq: 16 Dec 2023 14:02



Tgt Ion: 63 Resp: 5974
Ion Ratio Lower Upper
63 100
65 38.7 22.9 42.5
83 19.2 10.1 18.9#

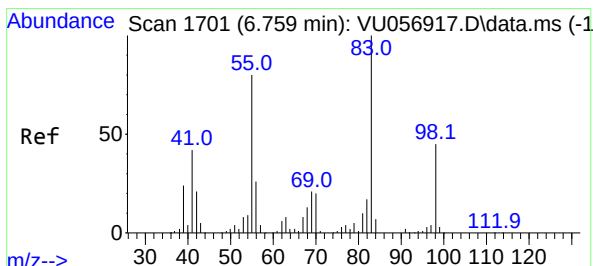
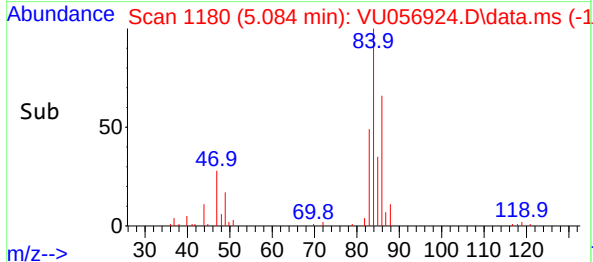
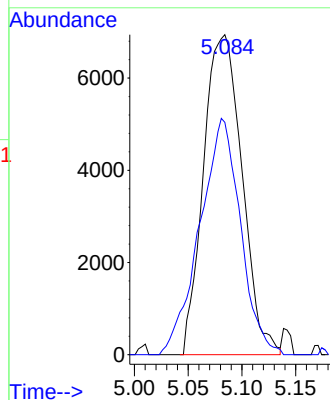
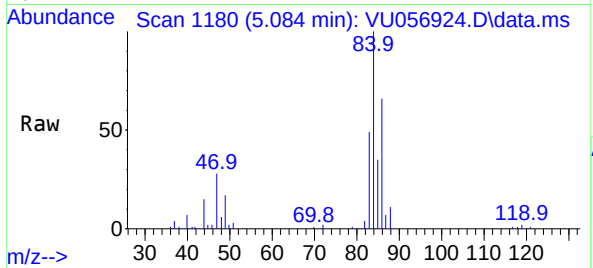




#25
Chloroform
Concen: 0.536 ug/L
RT: 5.084 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VU056924.D
Acq: 16 Dec 2023 14:02

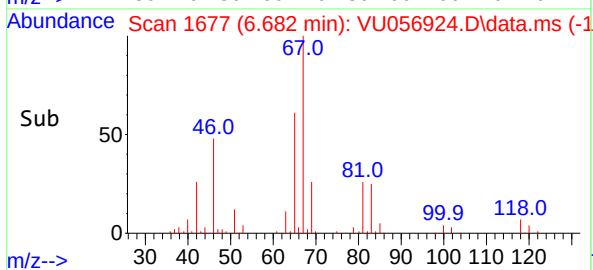
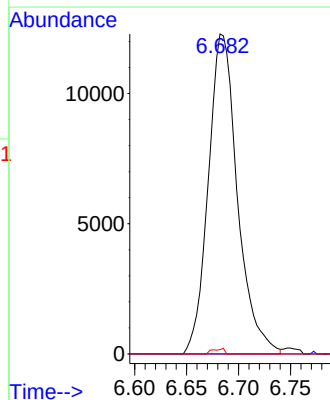
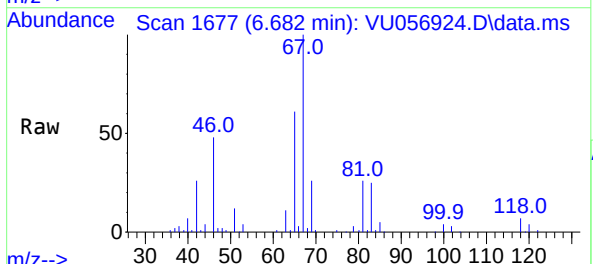
Instrument :
MSVOA_U
ClientSampleId :

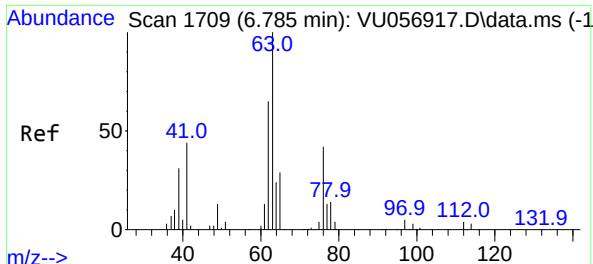
Tgt Ion: 83 Resp: 17323
Ion Ratio Lower Upper
83 100
85 72.6 45.8 85.0



#35
Methylcyclohexane
Concen: 0.848 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU056924.D
Acq: 16 Dec 2023 14:02

Tgt Ion: 83 Resp: 23960
Ion Ratio Lower Upper
83 100
55 0.1 64.6 97.0#
98 0.7 36.1 54.1#

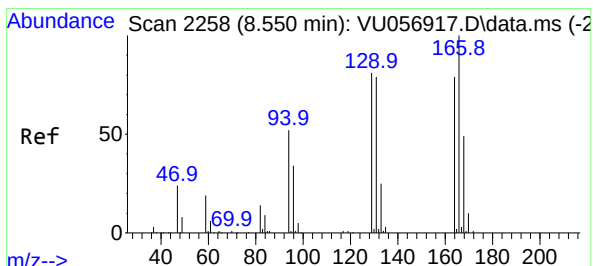
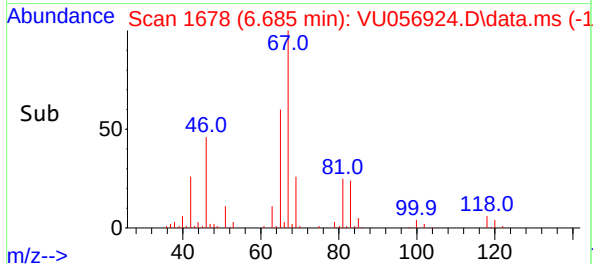
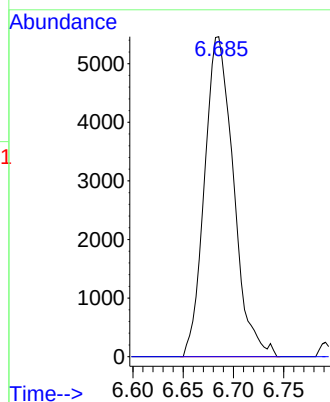
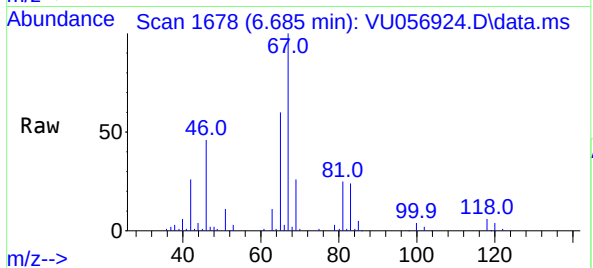




#37
1,2-Dichloropropane
Concen: 0.613 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU056924.D
Acq: 16 Dec 2023 14:02

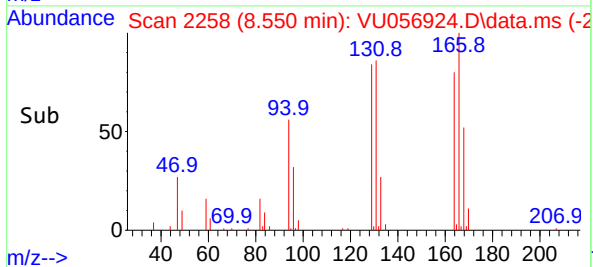
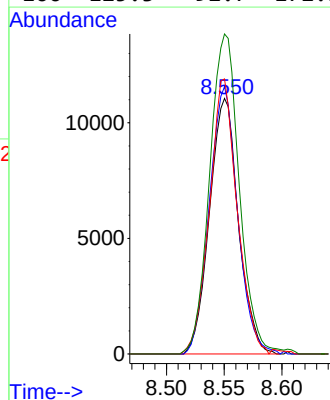
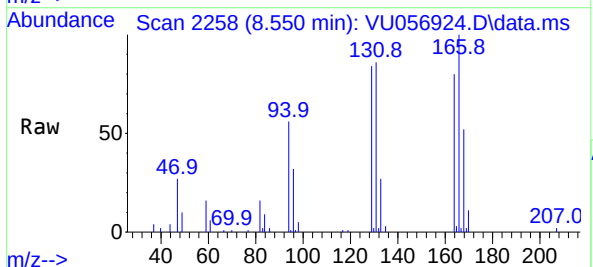
Instrument :
MSVOA_U
ClientSampleId :

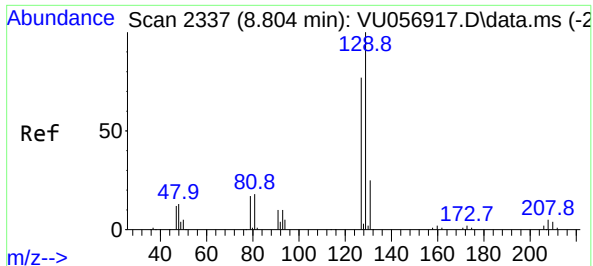
Tgt Ion: 63 Resp: 10945
Ion Ratio Lower Upper
63 100
112 0.5 3.3 4.9#



#47
Tetrachloroethene
Concen: 1.434 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU056924.D
Acq: 16 Dec 2023 14:02

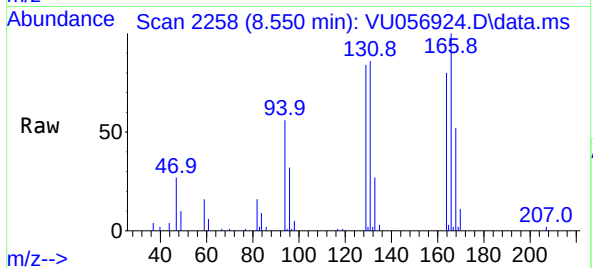
Tgt Ion:164 Resp: 19209
Ion Ratio Lower Upper
164 100
129 104.7 73.4 136.4
131 107.6 71.5 132.9
166 125.3 92.7 172.1



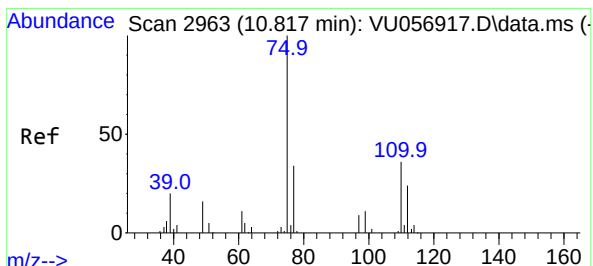
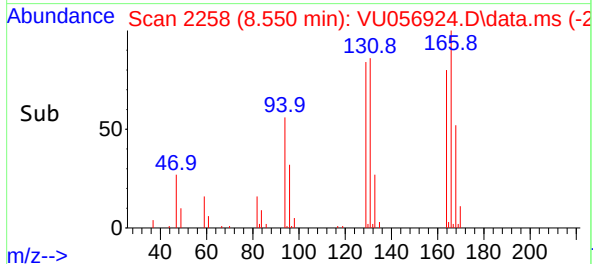
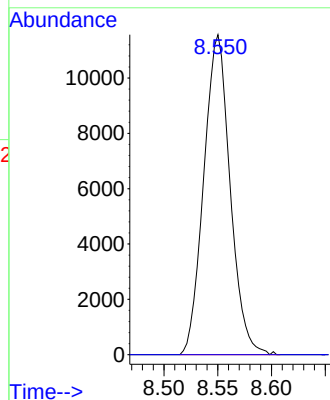


#49
Dibromochloromethane
Concen: 1.424 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU056924.D
Acq: 16 Dec 2023 14:02

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 19757
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#



#61
1,2,3-Trichloropropane
Concen: 1.179 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.987 min
Lab File: VU056924.D
Acq: 16 Dec 2023 14:02

Tgt Ion: 75 Resp: 10740
Ion Ratio Lower Upper
75 100
110 1.5 28.4 42.6#
77 35.3 26.3 39.5

