

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121623\
 Data File : VU056937.D
 Acq On : 16 Dec 2023 19:17
 Operator : MD/SY
 Sample : 05810-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 16 23:48:48 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)

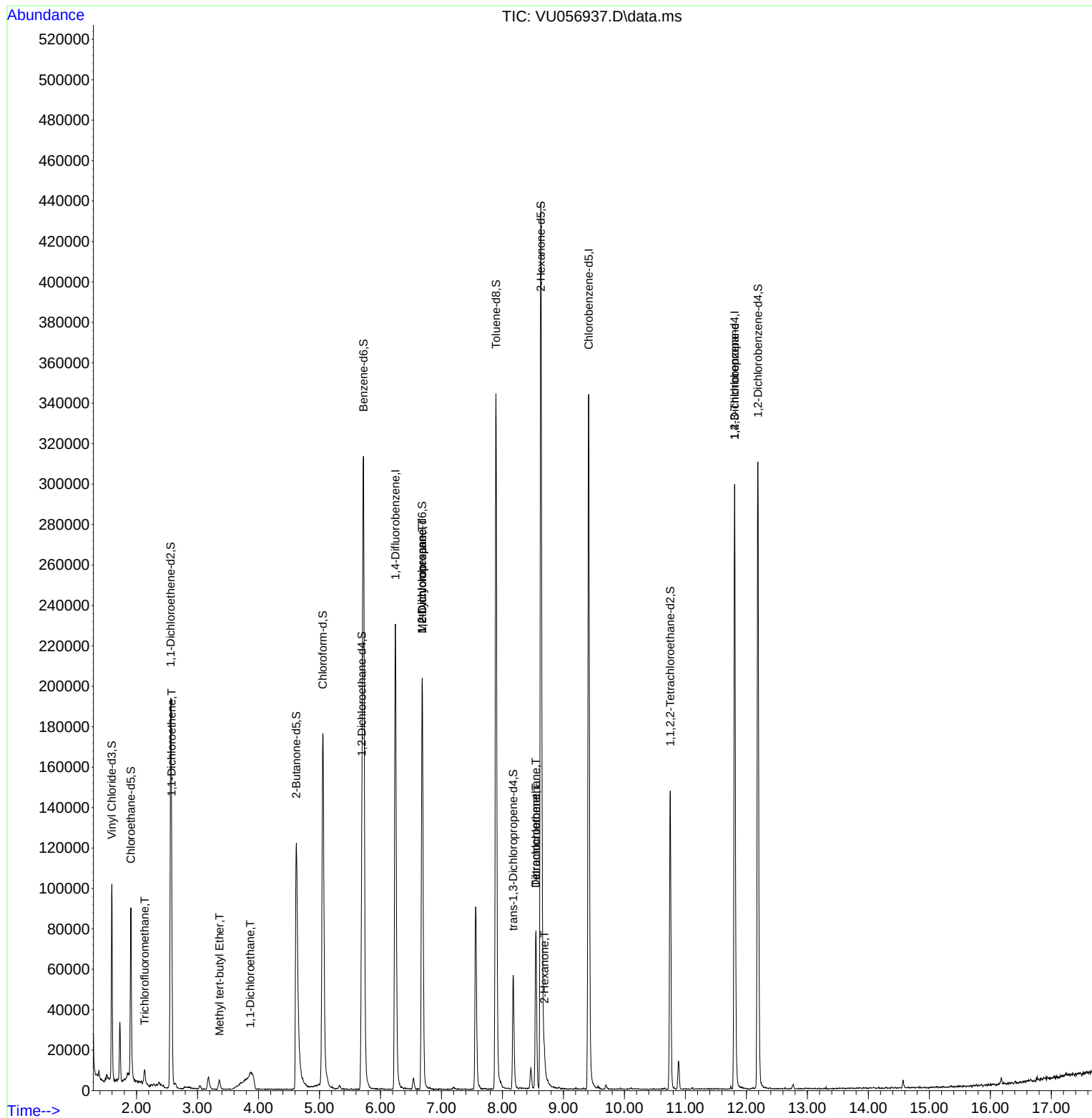
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	188453	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	200656	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	80057	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	70471	4.363	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.200%
7) Chloroethane-d5	1.907	69	59748	4.943	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	2.560	65	32000	4.630	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.600%
20) 2-Butanone-d5	4.621	46	192503	60.344	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.680%
24) Chloroform-d	5.055	84	167170	5.465	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.400%
26) 1,2-Dichloroethane-d4	5.695	65	84188	5.816	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.400%
32) Benzene-d6	5.721	84	303132	4.871	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.685	67	101466	5.209	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.200%
41) Toluene-d8	7.894	98	234019	4.207	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	8.177	79	34049	4.507	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.630	63	149686	52.535	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.080%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	77152	5.474	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	84100	5.344	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.800%
Target Compounds						
9) Trichlorofluoromethane	2.132	101	4029	0.148	ug/L	87
12) 1,1-Dichloroethene	2.576	96	20924	1.368	ug/L #	51
17) Methyl tert-butyl Ether	3.361	73	5060	0.149	ug/L	93
19) 1,1-Dichloroethane	3.865	63	2908	0.097	ug/L	91
35) Methylcyclohexane	6.685	83	23712	0.831	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	10997	0.610	ug/L #	88
47) Tetrachloroethene	8.550	164	16651	1.230	ug/L	93
48) 2-Hexanone	8.688	43	5382	0.882	ug/L #	77
49) Dibromochloromethane	8.547	129	17980	1.283	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	10262	1.194	ug/L #	67

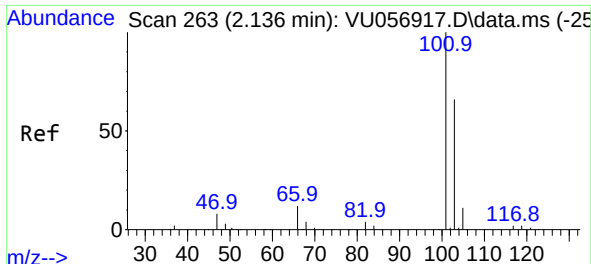
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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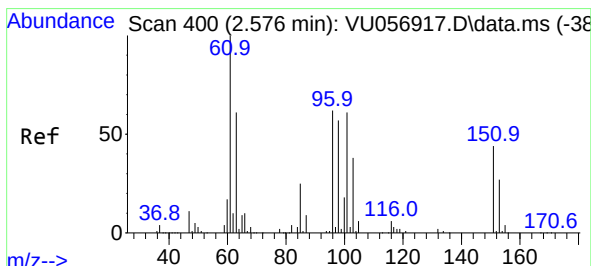
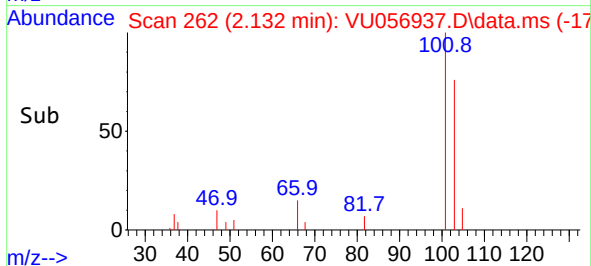
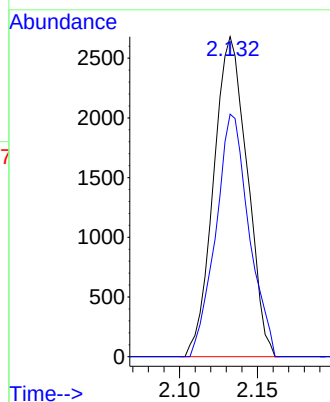
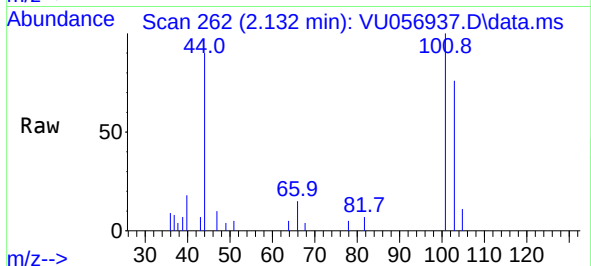




#9
 Trichlorofluoromethane
 Concen: 0.148 ug/L
 RT: 2.132 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU056937.D
 Acq: 16 Dec 2023 19:17

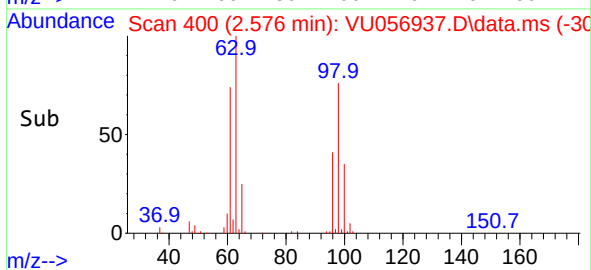
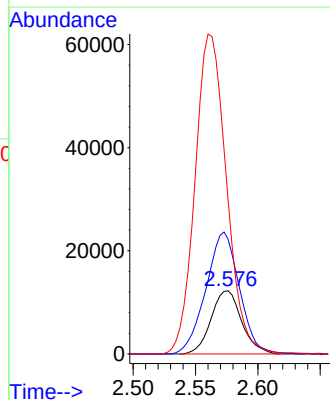
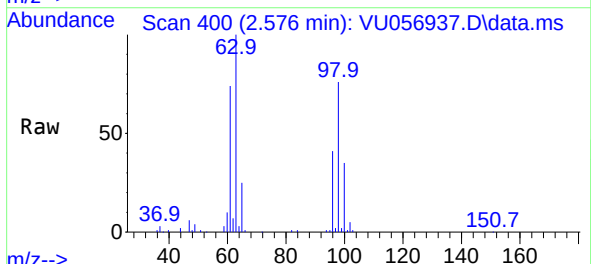
Instrument :
 MSVOA_U
 ClientSampleId :

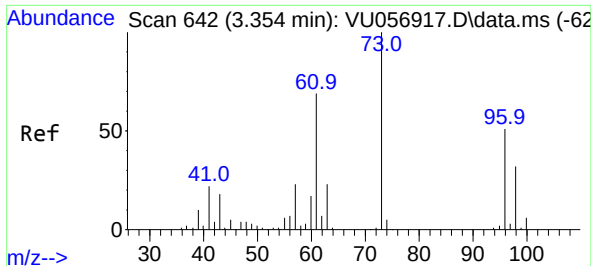
Tgt Ion:101 Resp: 4029
 Ion Ratio Lower Upper
 101 100
 103 74.9 51.4 77.2



#12
 1,1-Dichloroethene
 Concen: 1.368 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056937.D
 Acq: 16 Dec 2023 19:17

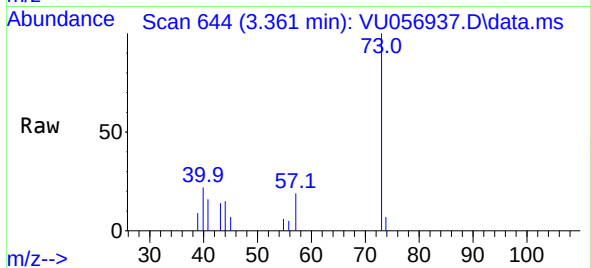
Tgt Ion: 96 Resp: 20924
 Ion Ratio Lower Upper
 96 100
 61 181.8 119.0 221.0
 63 244.7 88.7 164.7#



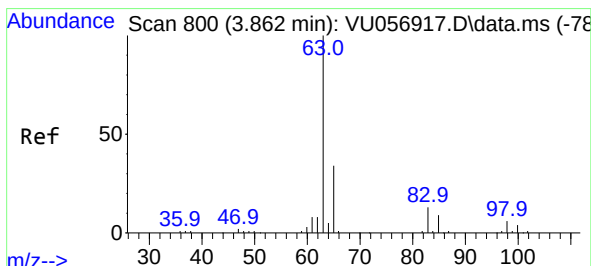
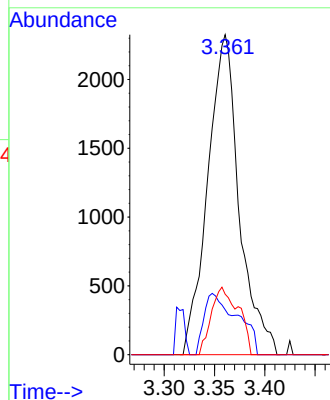
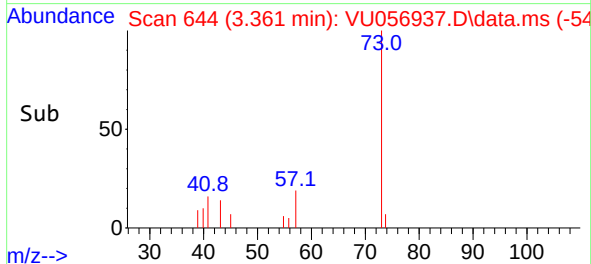


#17
Methyl tert-butyl Ether
Concen: 0.149 ug/L
RT: 3.361 min Scan# 642
Delta R.T. 0.006 min
Lab File: VU056937.D
Acq: 16 Dec 2023 19:17

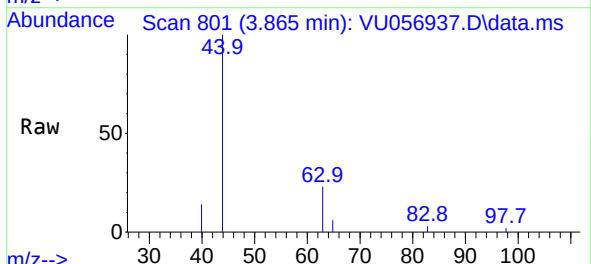
Instrument :
MSVOA_U
ClientSampleId :



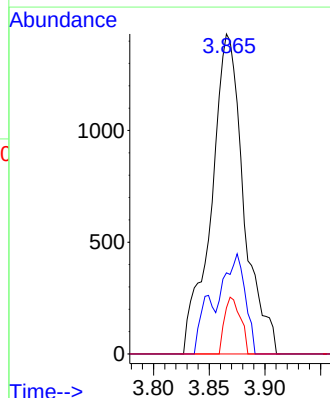
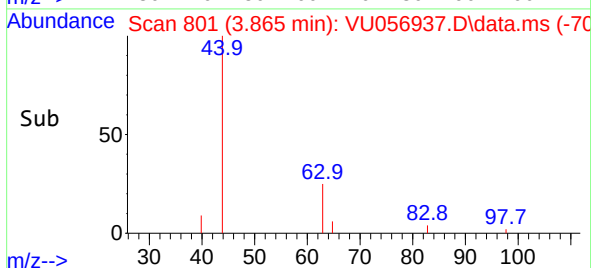
Tgt Ion: 73 Resp: 5060
Ion Ratio Lower Upper
73 100
43 20.3 14.4 21.6
57 18.1 17.8 26.8

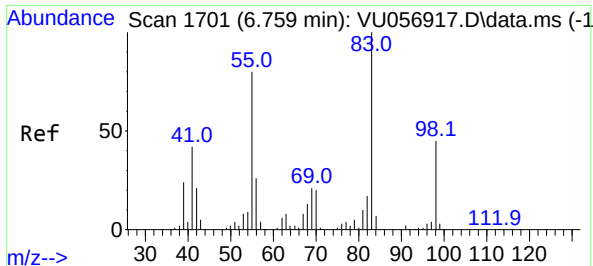


#19
1,1-Dichloroethane
Concen: 0.097 ug/L
RT: 3.865 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU056937.D
Acq: 16 Dec 2023 19:17



Tgt Ion: 63 Resp: 2908
Ion Ratio Lower Upper
63 100
65 25.3 22.9 42.5
83 14.4 10.1 18.9





#35

Methylcyclohexane

Concen: 0.831 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU056937.D

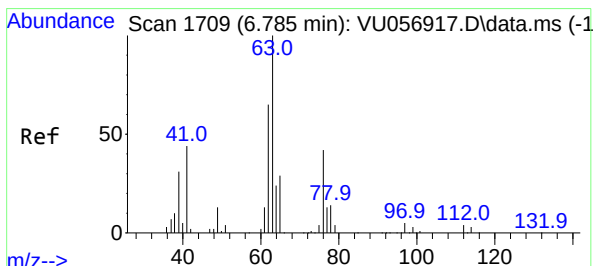
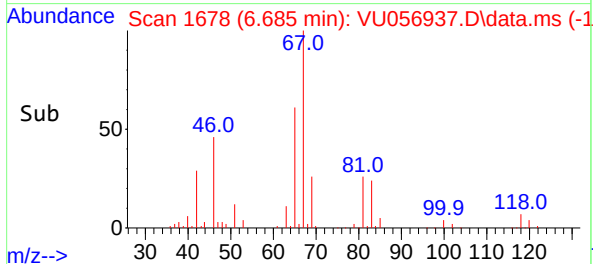
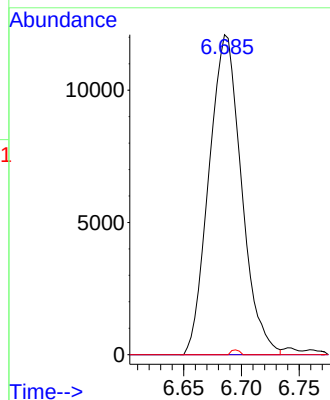
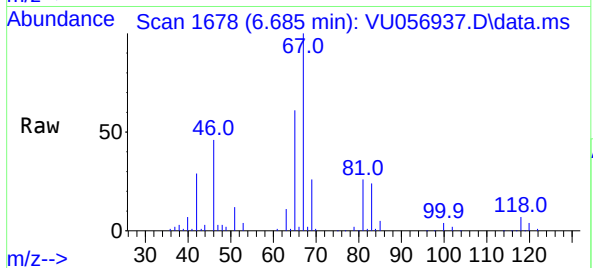
Acq: 16 Dec 2023 19:17

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 23712
Ion Ratio	Lower Upper
83	100
55	0.0 64.6 97.0#
98	0.4 36.1 54.1#



#37

1,2-Dichloropropane

Concen: 0.610 ug/L

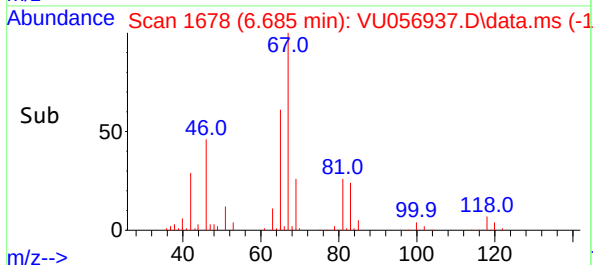
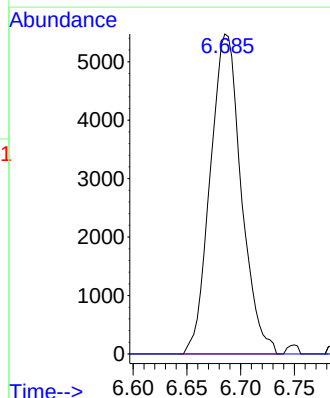
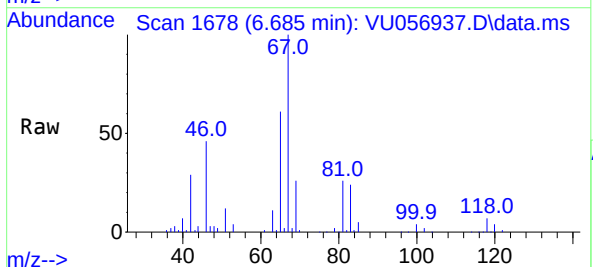
RT: 6.685 min Scan# 1678

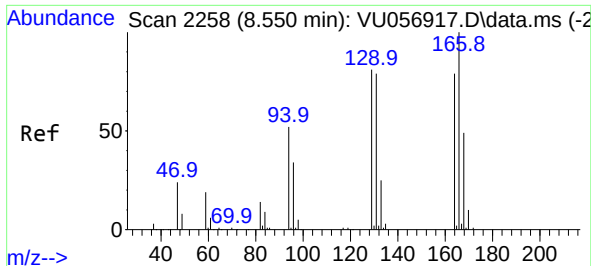
Delta R.T. -0.100 min

Lab File: VU056937.D

Acq: 16 Dec 2023 19:17

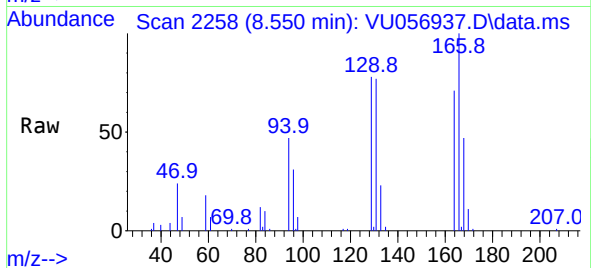
Tgt Ion: 63	Resp: 10997
Ion Ratio	Lower Upper
63	100
112	0.0 3.3 4.9#



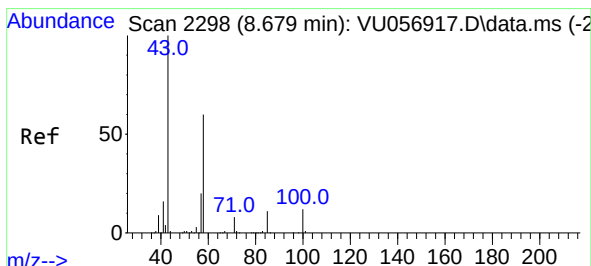
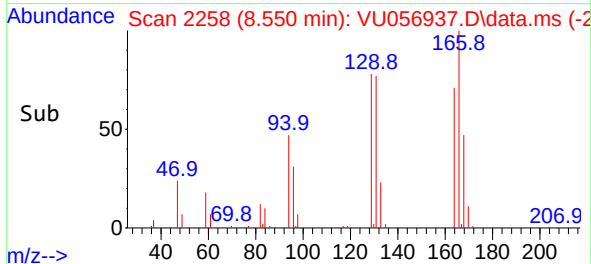
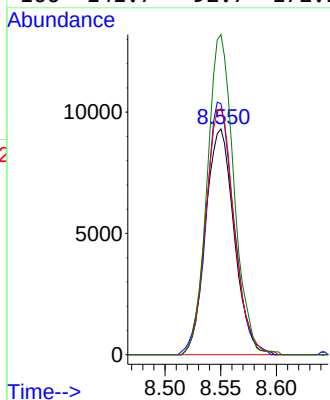


#47
Tetrachloroethene
Concen: 1.230 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056937.D
Acq: 16 Dec 2023 19:17

Instrument :
MSVOA_U
ClientSampleId :

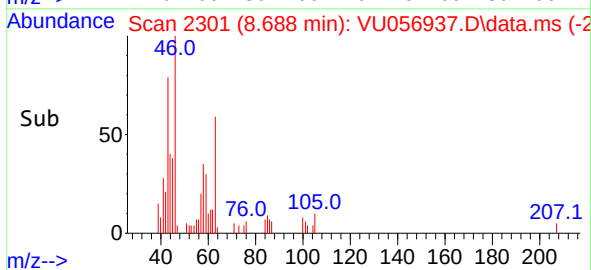
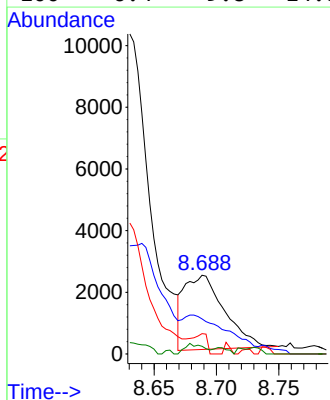
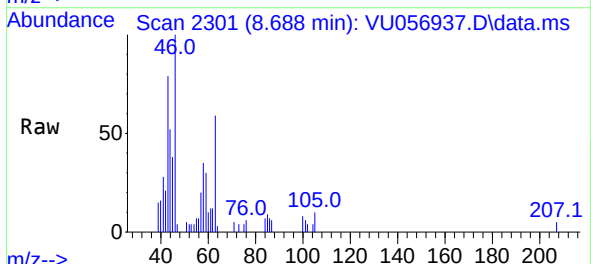


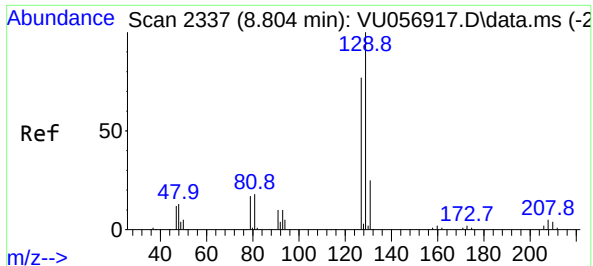
Tgt Ion:164 Resp: 16651
Ion Ratio Lower Upper
164 100
129 111.2 73.4 136.4
131 108.9 71.5 132.9
166 141.7 92.7 172.1



#48
2-Hexanone
Concen: 0.882 ug/L
RT: 8.688 min Scan# 2301
Delta R.T. 0.009 min
Lab File: VU056937.D
Acq: 16 Dec 2023 19:17

Tgt Ion: 43 Resp: 5382
Ion Ratio Lower Upper
43 100
58 42.3 47.5 71.3#
57 8.6 17.0 25.4#
100 6.4 9.8 14.8#





#49

Dibromochloromethane

Concen: 1.283 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU056937.D

Acq: 16 Dec 2023 19:17

Instrument :

MSVOA_U

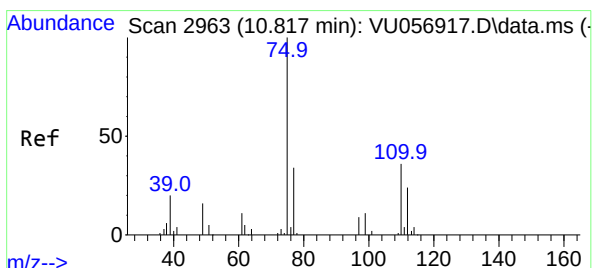
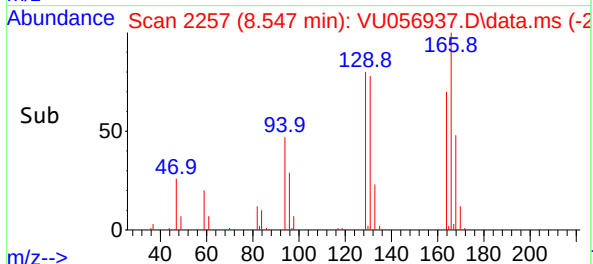
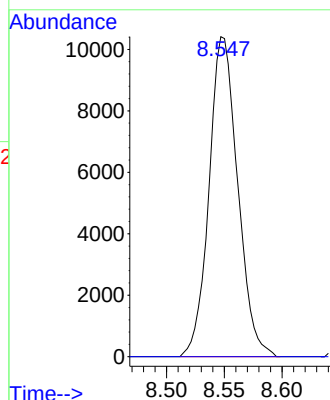
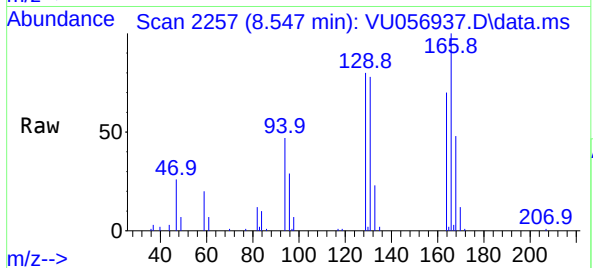
ClientSampleId :

Tgt Ion:129 Resp: 17980

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#



#61

1,2,3-Trichloropropane

Concen: 1.194 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU056937.D

Acq: 16 Dec 2023 19:17

Tgt Ion: 75 Resp: 10262

Ion Ratio Lower Upper

75 100

110 1.6 28.4 42.6#

77 30.0 26.3 39.5

