

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055157.D
 Acq On : 06 Sep 2023 22:32
 Operator : MD/SY
 Sample : 04286-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4F6

Quant Time: Sep 07 02:27:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

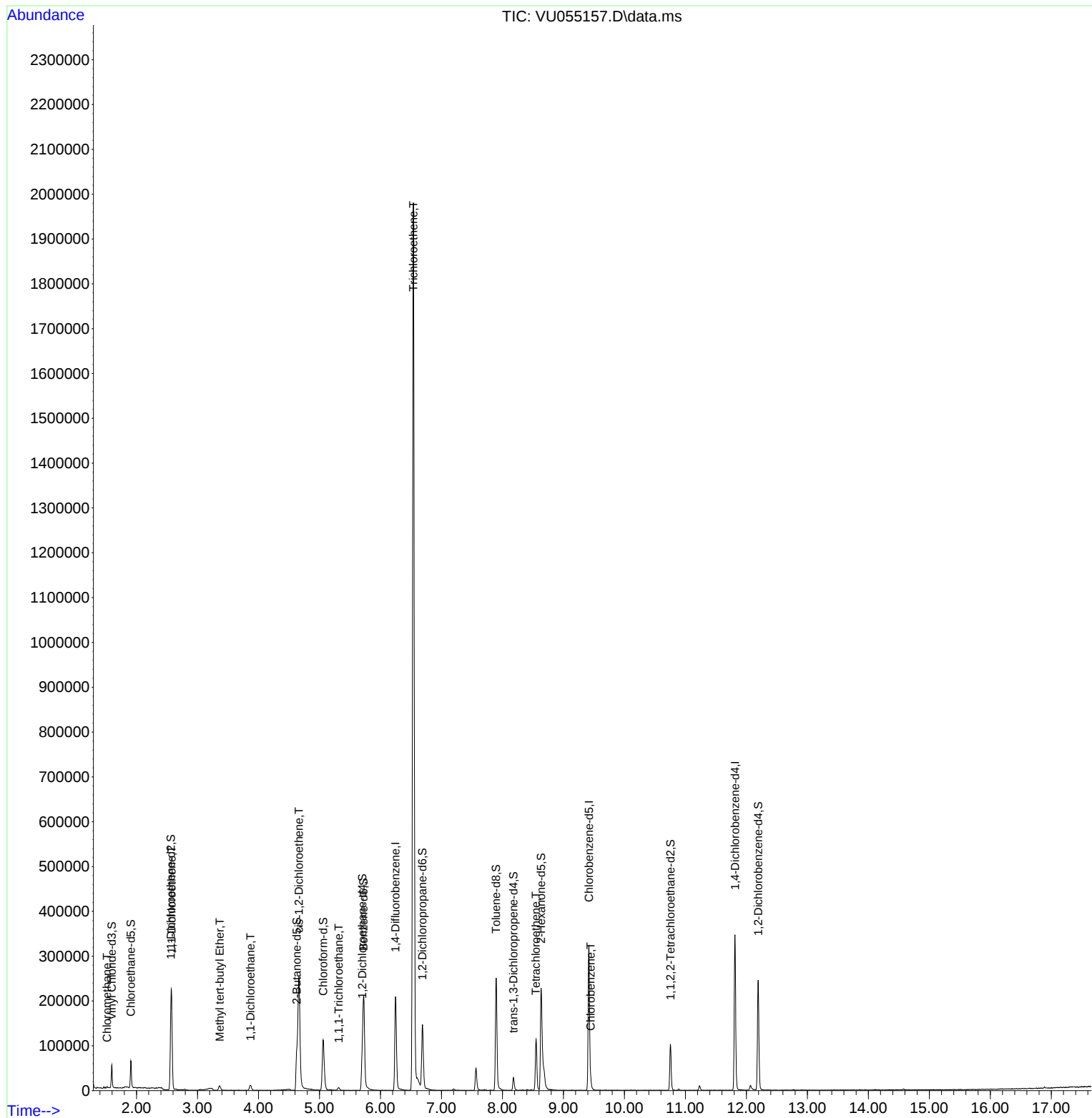
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	166781	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	171444	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	85154	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	32486	4.156	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.200%	
7) Chloroethane-d5	1.907	69	39598	4.376	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.600%	
11) 1,1-Dichloroethene-d2	2.563	65	19895	4.467	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.400%	
20) 2-Butanone-d5	4.628	46	131263	57.867	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	115.740%	
24) Chloroform-d	5.062	84	102866	4.959	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.200%	
26) 1,2-Dichloroethane-d4	5.701	65	54909	5.291	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.800%	
32) Benzene-d6	5.724	84	197262	4.661	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
36) 1,2-Dichloropropane-d6	6.689	67	67291	4.999	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.000%	
41) Toluene-d8	7.898	98	169090	4.337	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.800%	
43) trans-1,3-Dichloroprop...	8.180	79	15549	4.195	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.800%	
46) 2-Hexanone-d5	8.634	63	73936	49.131	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.260%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	49461	5.225	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.600%	
66) 1,2-Dichlorobenzene-d4	12.193	152	61848	4.976	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.600%	
Target Compounds						Qvalue
3) Chloromethane	1.518	50	2897	0.294	ug/L	87
12) 1,1-Dichloroethene	2.576	96	53781	6.975	ug/L	85
17) Methyl tert-butyl Ether	3.364	73	9297	0.460	ug/L #	86
19) 1,1-Dichloroethane	3.869	63	13658	0.808	ug/L	92
22) cis-1,2-Dichloroethene	4.663	96	118309	12.355	ug/L	95
29) 1,1,1-Trichloroethane	5.316	97	4177	0.282	ug/L #	87
34) Trichloroethene	6.541	95	673575	66.422	ug/L	98
47) Tetrachloroethene	8.550	164	23645	3.374	ug/L	96
51) Chlorobenzene	9.447	112	6796	0.264	ug/L	90

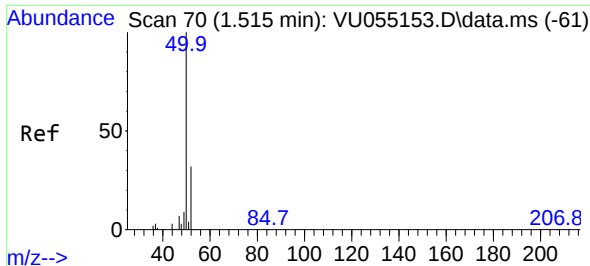
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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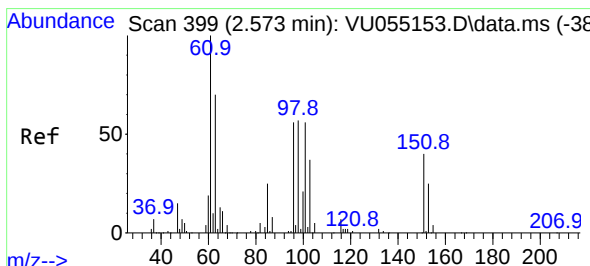
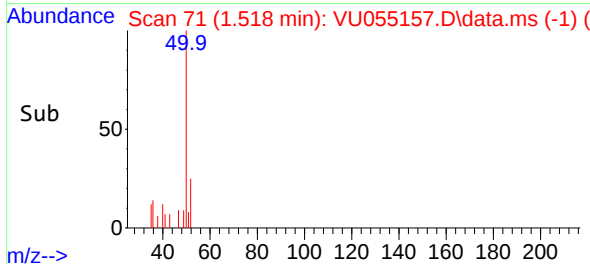
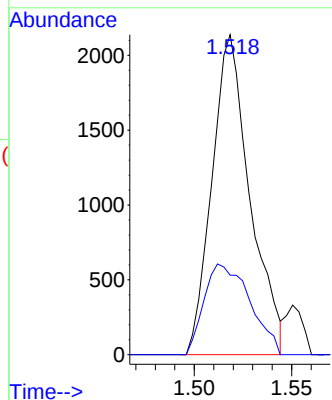
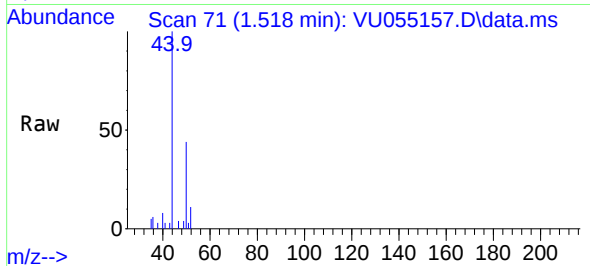




#3
Chloromethane
Concen: 0.294 ug/L
RT: 1.518 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU055157.D
Acq: 06 Sep 2023 22:32

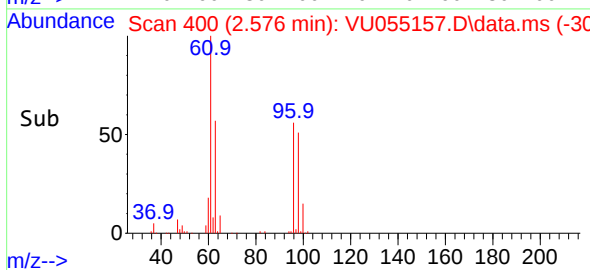
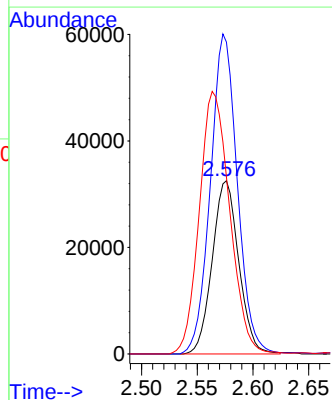
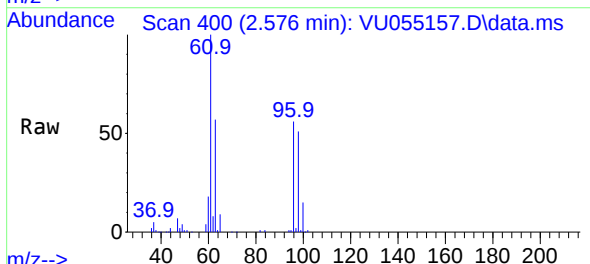
Instrument :
MSVOA_U
ClientSampleId :
BH4F6

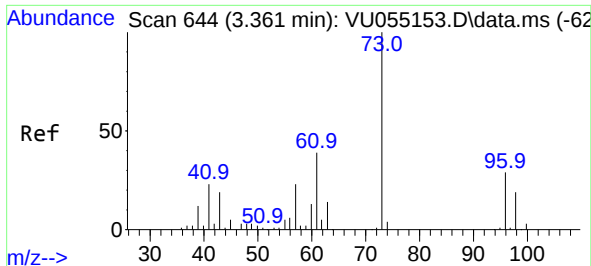
Tgt Ion: 50 Resp: 2897
Ion Ratio Lower Upper
50 100
52 24.8 22.5 41.7



#12
1,1-Dichloroethene
Concen: 6.975 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU055157.D
Acq: 06 Sep 2023 22:32

Tgt Ion: 96 Resp: 53781
Ion Ratio Lower Upper
96 100
61 180.0 120.8 224.4
63 102.2 94.5 175.5

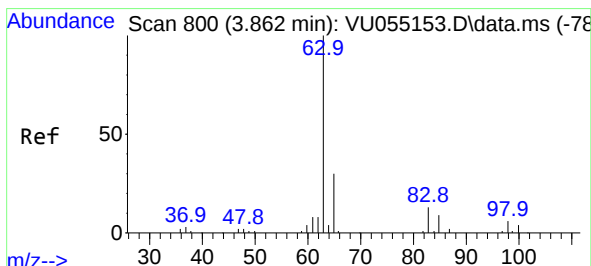
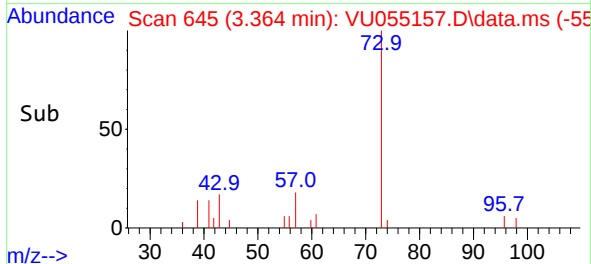
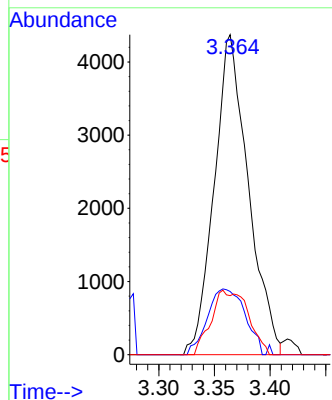
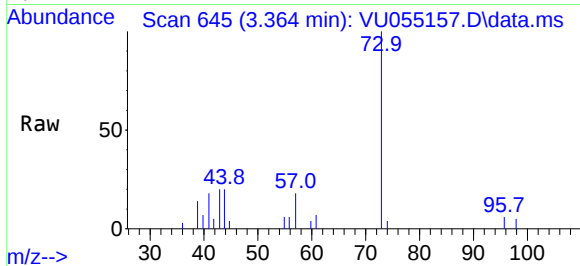




#17
Methyl tert-butyl Ether
Concen: 0.460 ug/L
RT: 3.364 min Scan# 64
Delta R.T. 0.000 min
Lab File: VU055157.D
Acq: 06 Sep 2023 22:32

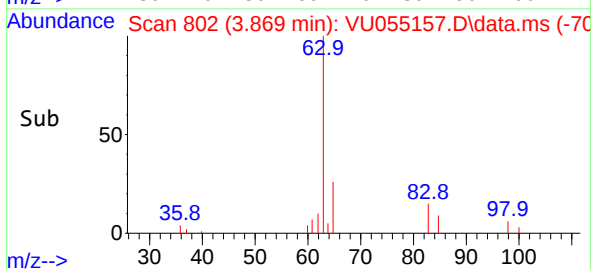
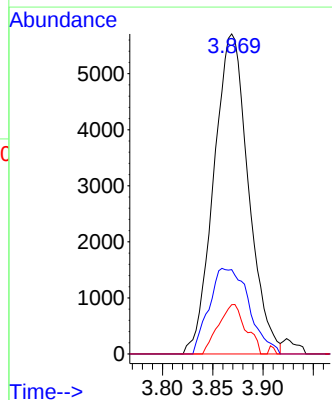
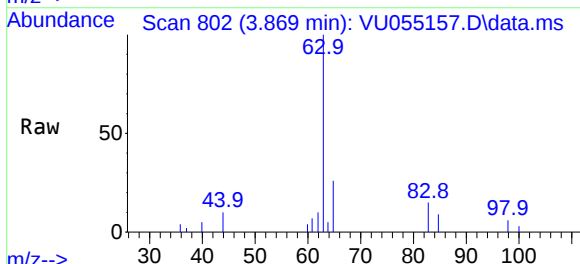
Instrument :
MSVOA_U
ClientSampleId :
BH4F6

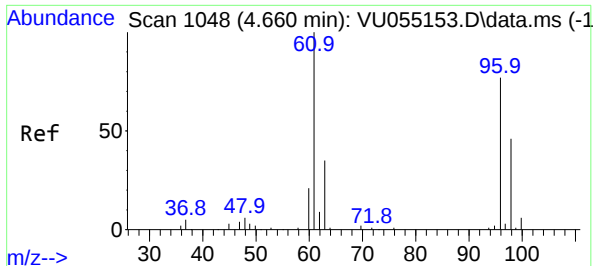
Tgt Ion: 73 Resp: 9297
Ion Ratio Lower Upper
73 100
43 22.7 16.2 24.2
57 11.5 17.4 26.2#



#19
1,1-Dichloroethane
Concen: 0.808 ug/L
RT: 3.869 min Scan# 802
Delta R.T. 0.003 min
Lab File: VU055157.D
Acq: 06 Sep 2023 22:32

Tgt Ion: 63 Resp: 13658
Ion Ratio Lower Upper
63 100
65 25.1 22.2 41.2
83 14.7 10.6 19.8

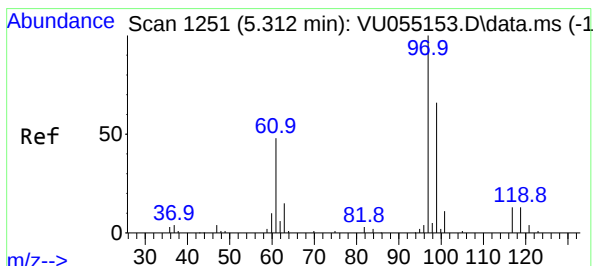
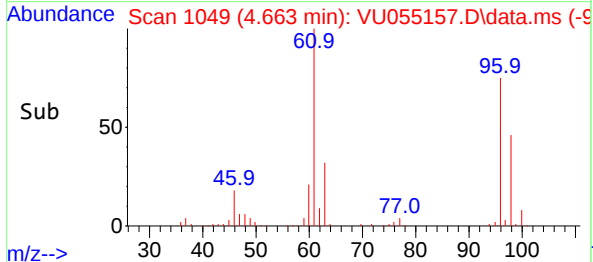
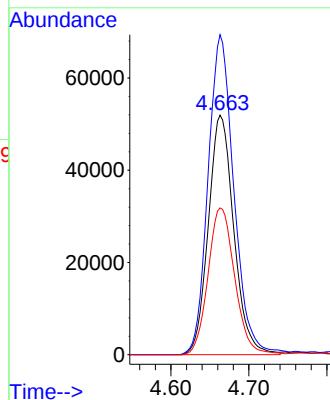
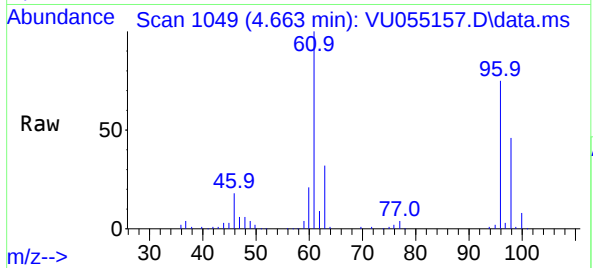




#22
 cis-1,2-Dichloroethene
 Concen: 12.355 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU055157.D
 Acq: 06 Sep 2023 22:32

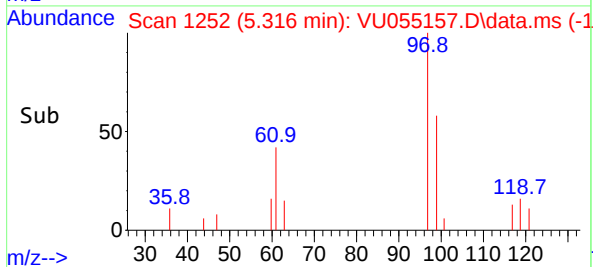
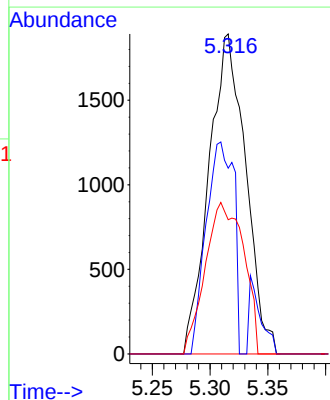
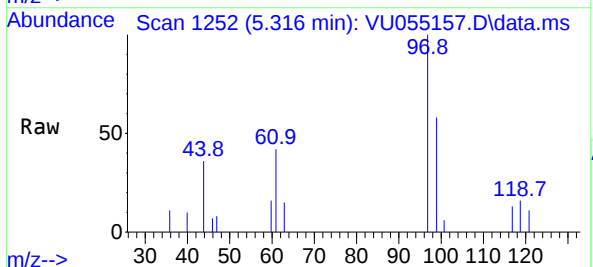
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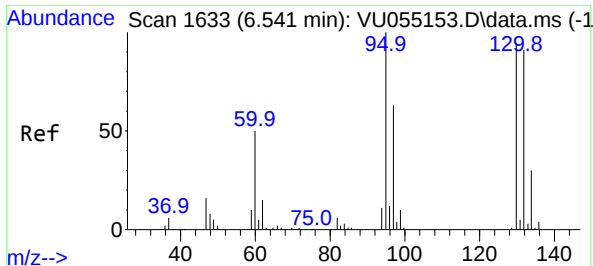
Tgt Ion: 96 Resp: 118309
 Ion Ratio Lower Upper
 96 100
 61 133.6 97.2 180.4
 98 61.3 46.1 85.7



#29
 1,1,1-Trichloroethane
 Concen: 0.282 ug/L
 RT: 5.316 min Scan# 1252
 Delta R.T. 0.003 min
 Lab File: VU055157.D
 Acq: 06 Sep 2023 22:32

Tgt Ion: 97 Resp: 4177
 Ion Ratio Lower Upper
 97 100
 99 49.9 51.8 77.8#
 61 49.7 36.8 55.2

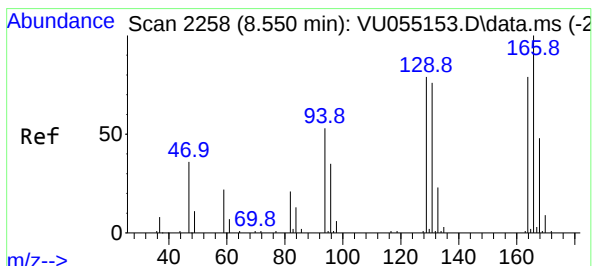
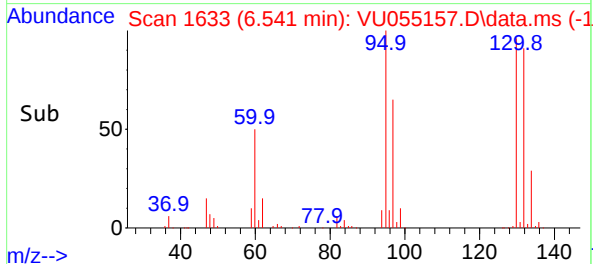
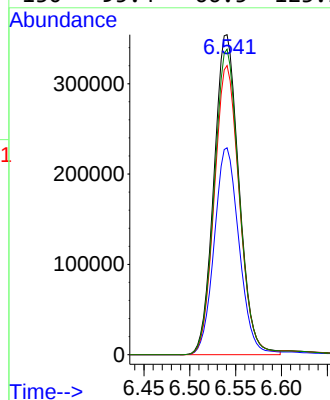
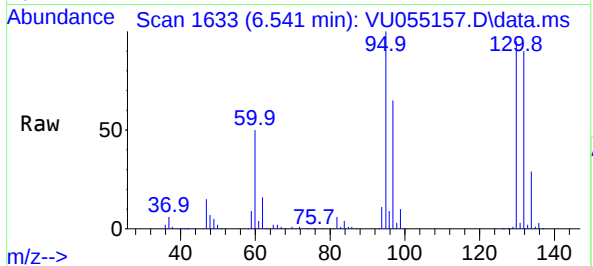




#34
Trichloroethene
Concen: 66.422 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055157.D
Acq: 06 Sep 2023 22:32

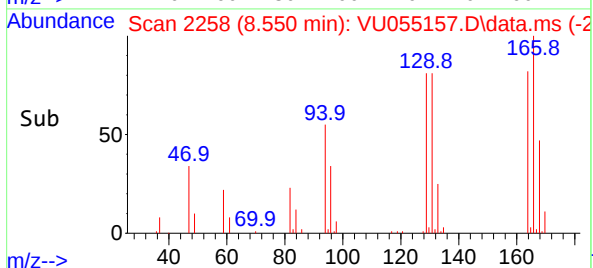
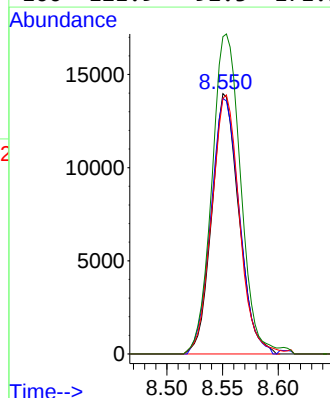
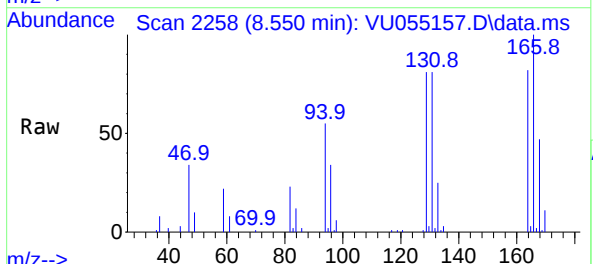
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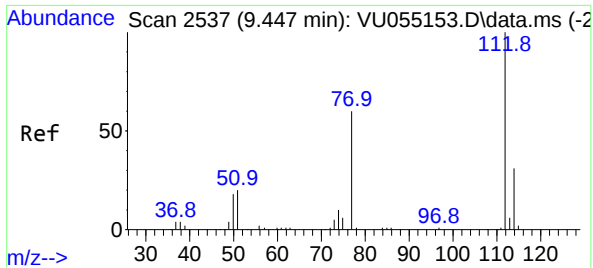
Tgt Ion: 95 Resp: 673575
Ion Ratio Lower Upper
95 100
97 64.6 44.7 83.1
132 90.4 66.6 123.6
130 95.4 66.5 123.5



#47
Tetrachloroethene
Concen: 3.374 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.003 min
Lab File: VU055157.D
Acq: 06 Sep 2023 22:32

Tgt Ion: 164 Resp: 23645
Ion Ratio Lower Upper
164 100
129 98.2 69.2 128.6
131 98.2 68.8 127.8
166 121.9 92.3 171.5





#51
Chlorobenzene
Concen: 0.264 ug/L
RT: 9.447 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055157.D
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Tgt Ion:	112	Resp:	6796
Ion	Ratio	Lower	Upper
112	100		
114	35.6	21.7	40.3
77	69.2	48.6	72.8

