

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055122.D
 Acq On : 06 Sep 2023 03:02
 Operator : MD/SY
 Sample : 04267-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4C8

Quant Time: Sep 06 05:27:30 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)

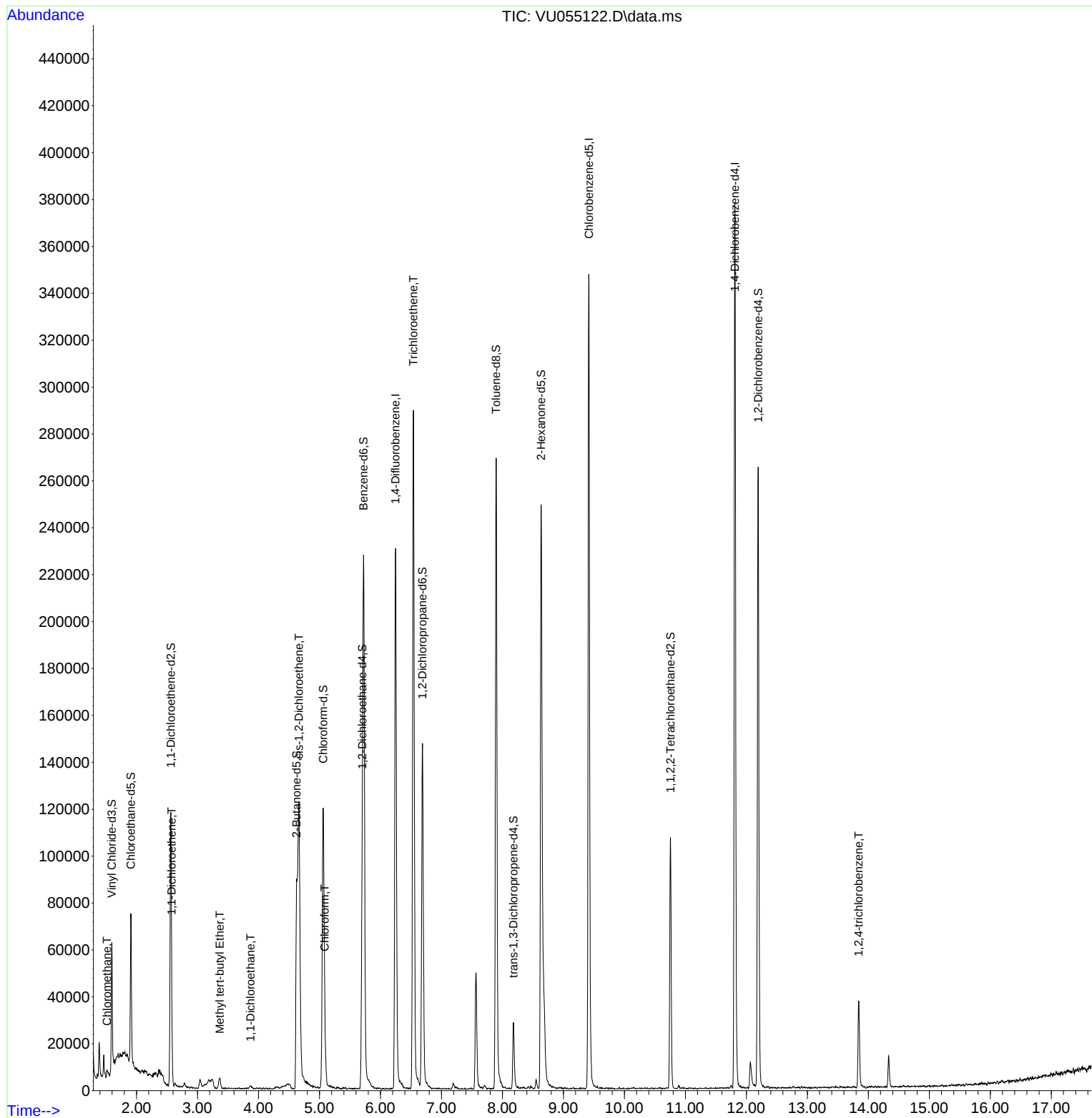
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	182959	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	188392	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	96636	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	34386	4.010	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.907	69	43363	4.369	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.563	65	21992	4.501	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.000%
20) 2-Butanone-d5	4.624	46	131897	53.005	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.020%
24) Chloroform-d	5.061	84	108790	4.781	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.701	65	56249	4.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.724	84	207779	4.468	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.688	67	69980	4.731	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.897	98	181330	4.233	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.180	79	16269	3.994	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.634	63	80831	48.881	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.760%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	52904	5.086	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	66914	4.744	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	2663	0.246	ug/L	96
12) 1,1-Dichloroethene	2.576	96	3975	0.470	ug/L #	1
17) Methyl tert-butyl Ether	3.364	73	4521	0.204	ug/L #	86
19) 1,1-Dichloroethane	3.869	63	1922	0.104	ug/L #	87
22) cis-1,2-Dichloroethene	4.663	96	53480	5.091	ug/L	91
25) Chloroform	5.087	83	13172	0.682	ug/L	99
34) Trichloroethene	6.540	95	98246	8.817	ug/L	97
70) 1,2,4-trichlorobenzene	13.842	180	11967	0.781	ug/L	99

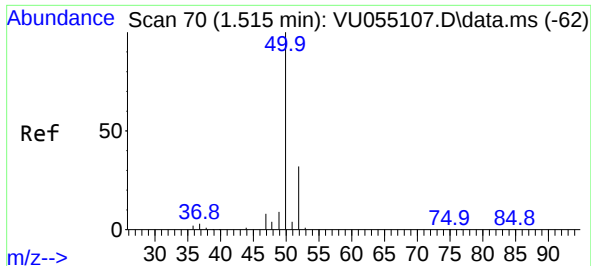
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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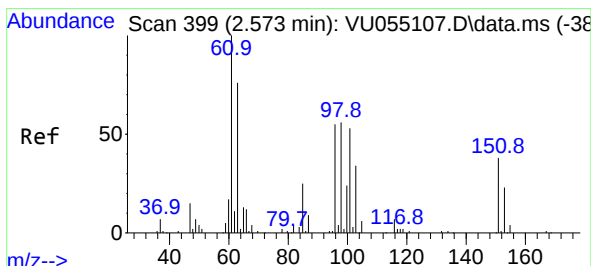
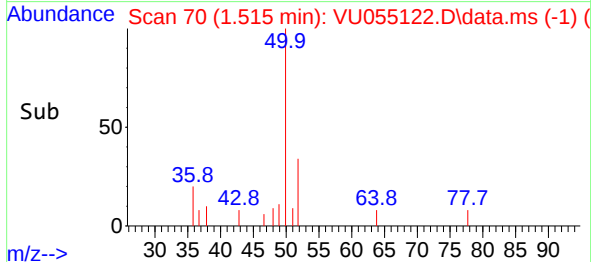
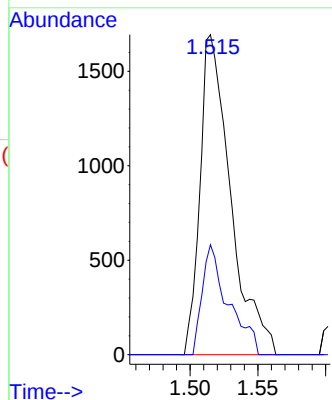
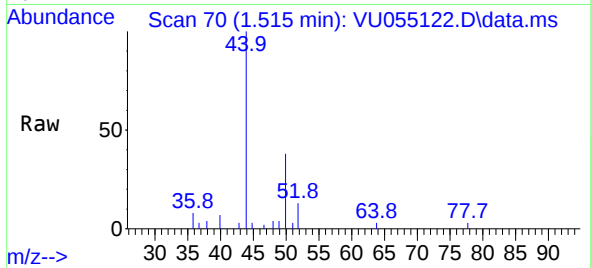




#3
Chloromethane
Concen: 0.246 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU055122.D
Acq: 06 Sep 2023 03:02

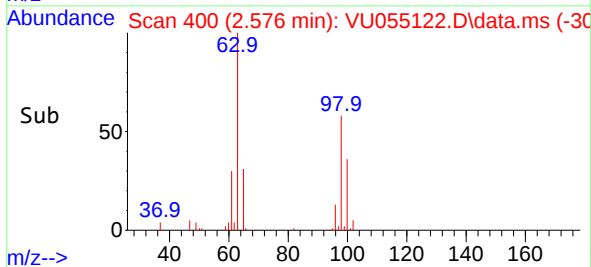
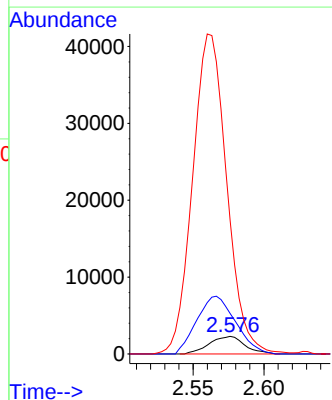
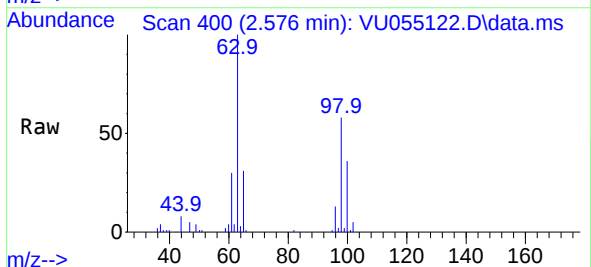
Instrument :
MSVOA_U
ClientSampleId :
BH4C8

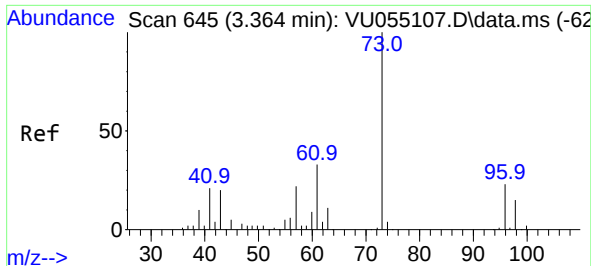
Tgt Ion: 50 Resp: 2663
Ion Ratio Lower Upper
50 100
52 34.4 22.5 41.7



#12
1,1-Dichloroethene
Concen: 0.470 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU055122.D
Acq: 06 Sep 2023 03:02

Tgt Ion: 96 Resp: 3975
Ion Ratio Lower Upper
96 100
61 231.2 120.8 224.4#
63 761.4 94.5 175.5#

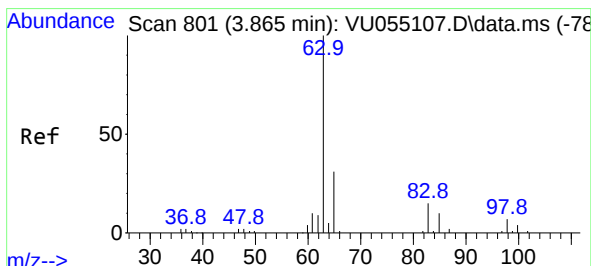
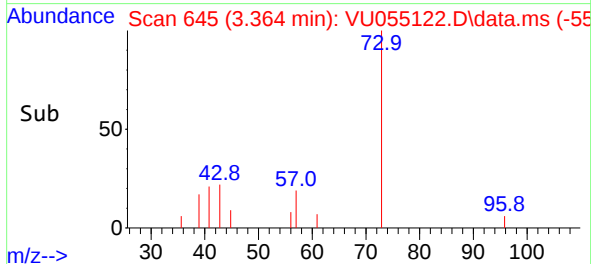
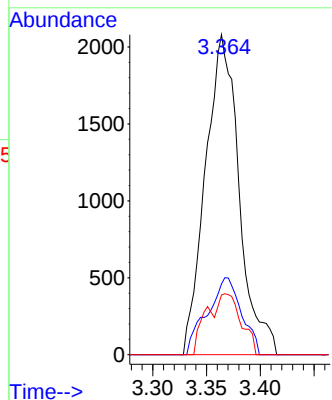
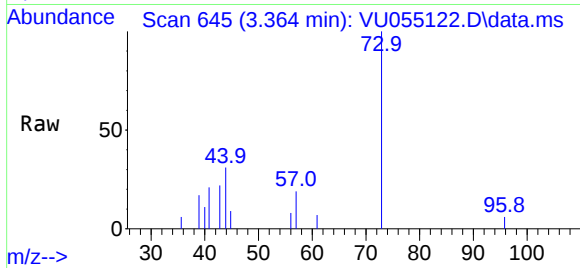




#17
Methyl tert-butyl Ether
Concen: 0.204 ug/L
RT: 3.364 min Scan# 645
Delta R.T. -0.000 min
Lab File: VU055122.D
Acq: 06 Sep 2023 03:02

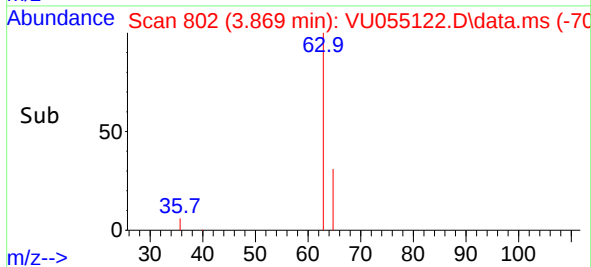
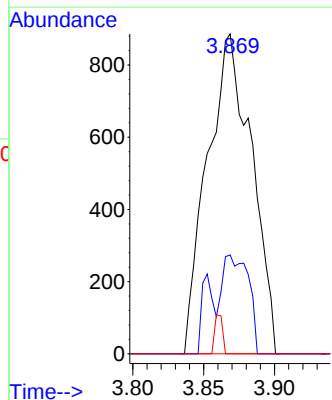
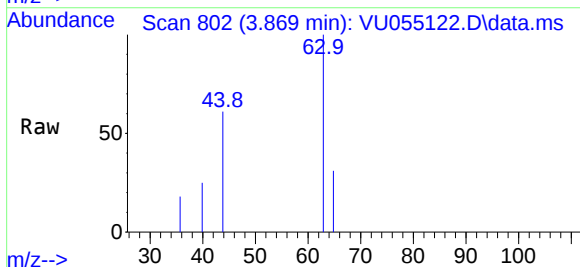
Instrument :
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ClientSampleId :
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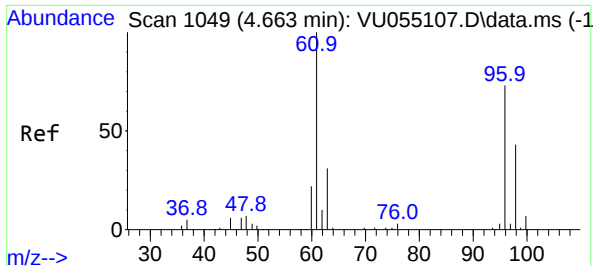
Tgt Ion: 73 Resp: 4521
Ion Ratio Lower Upper
73 100
43 24.6 16.2 24.2#
57 13.1 17.4 26.2#



#19
1,1-Dichloroethane
Concen: 0.104 ug/L
RT: 3.869 min Scan# 802
Delta R.T. 0.003 min
Lab File: VU055122.D
Acq: 06 Sep 2023 03:02

Tgt Ion: 63 Resp: 1922
Ion Ratio Lower Upper
63 100
65 30.9 22.2 41.2
83 0.0 10.6 19.8#

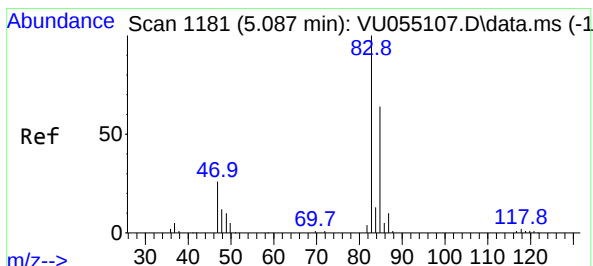
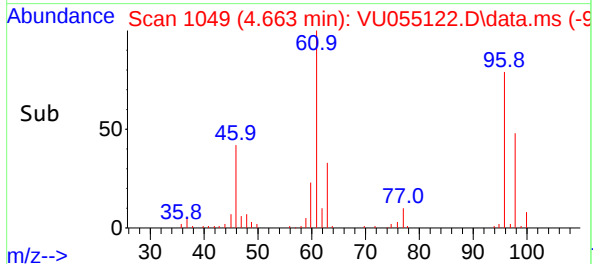
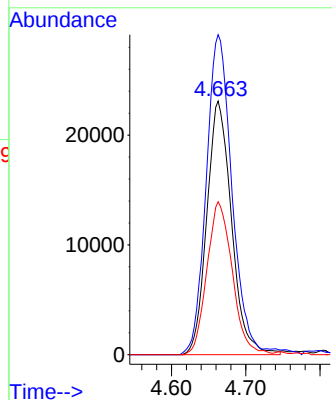
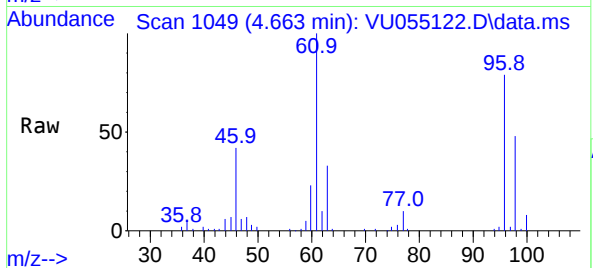




#22
cis-1,2-Dichloroethene
Concen: 5.091 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU055122.D
Acq: 06 Sep 2023 03:02

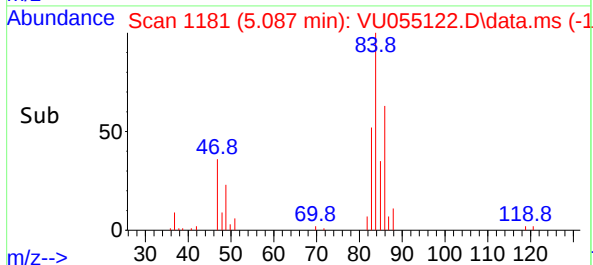
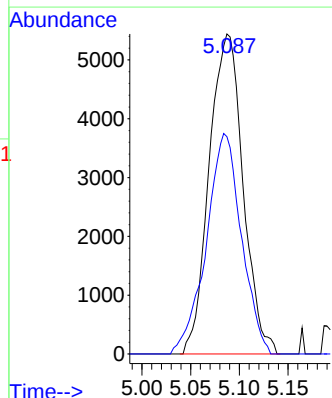
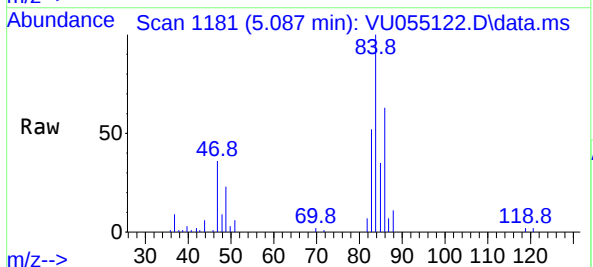
Instrument :
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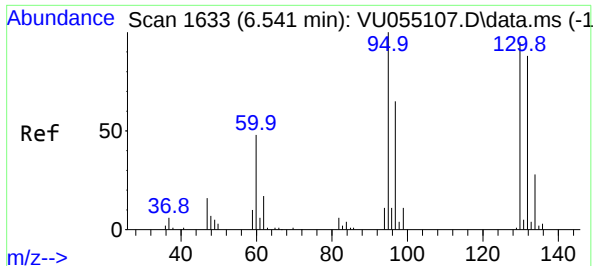
Tgt Ion: 96 Resp: 53480
Ion Ratio Lower Upper
96 100
61 126.2 97.2 180.4
98 60.3 46.1 85.7



#25
Chloroform
Concen: 0.682 ug/L
RT: 5.087 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VU055122.D
Acq: 06 Sep 2023 03:02

Tgt Ion: 83 Resp: 13172
Ion Ratio Lower Upper
83 100
85 67.9 47.2 87.6

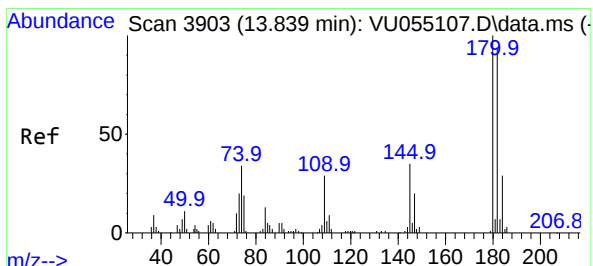
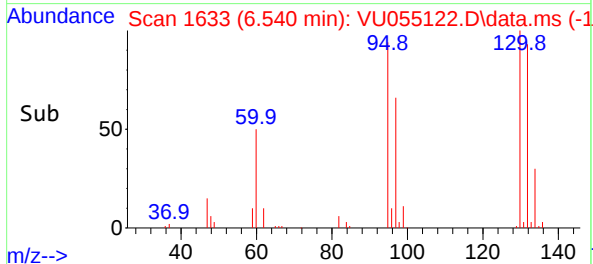
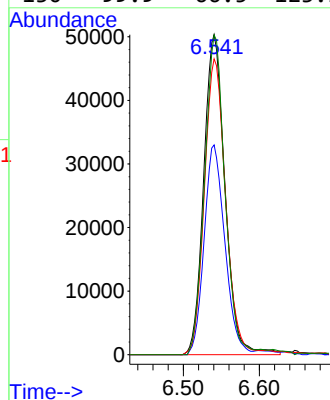
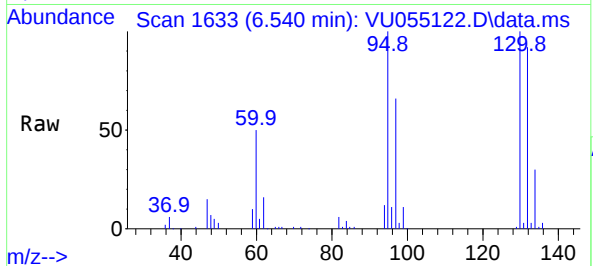




#34
Trichloroethene
Concen: 8.817 ug/L
RT: 6.540 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU055122.D
Acq: 06 Sep 2023 03:02

Instrument :
MSVOA_U
ClientSampleId :
BH4C8

Tgt Ion: 95 Resp: 98246
Ion Ratio Lower Upper
95 100
97 65.6 44.7 83.1
132 92.5 66.6 123.6
130 99.9 66.5 123.5



#70
1,2,4-trichlorobenzene
Concen: 0.781 ug/L
RT: 13.842 min Scan# 3904
Delta R.T. 0.003 min
Lab File: VU055122.D
Acq: 06 Sep 2023 03:02

Tgt Ion: 180 Resp: 11967
Ion Ratio Lower Upper
180 100
182 92.6 73.6 110.4
145 33.1 25.8 38.8

