

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055110.D
 Acq On : 05 Sep 2023 22:11
 Operator : MD/SY
 Sample : 04230-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4B5

Quant Time: Sep 06 05:24:19 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)

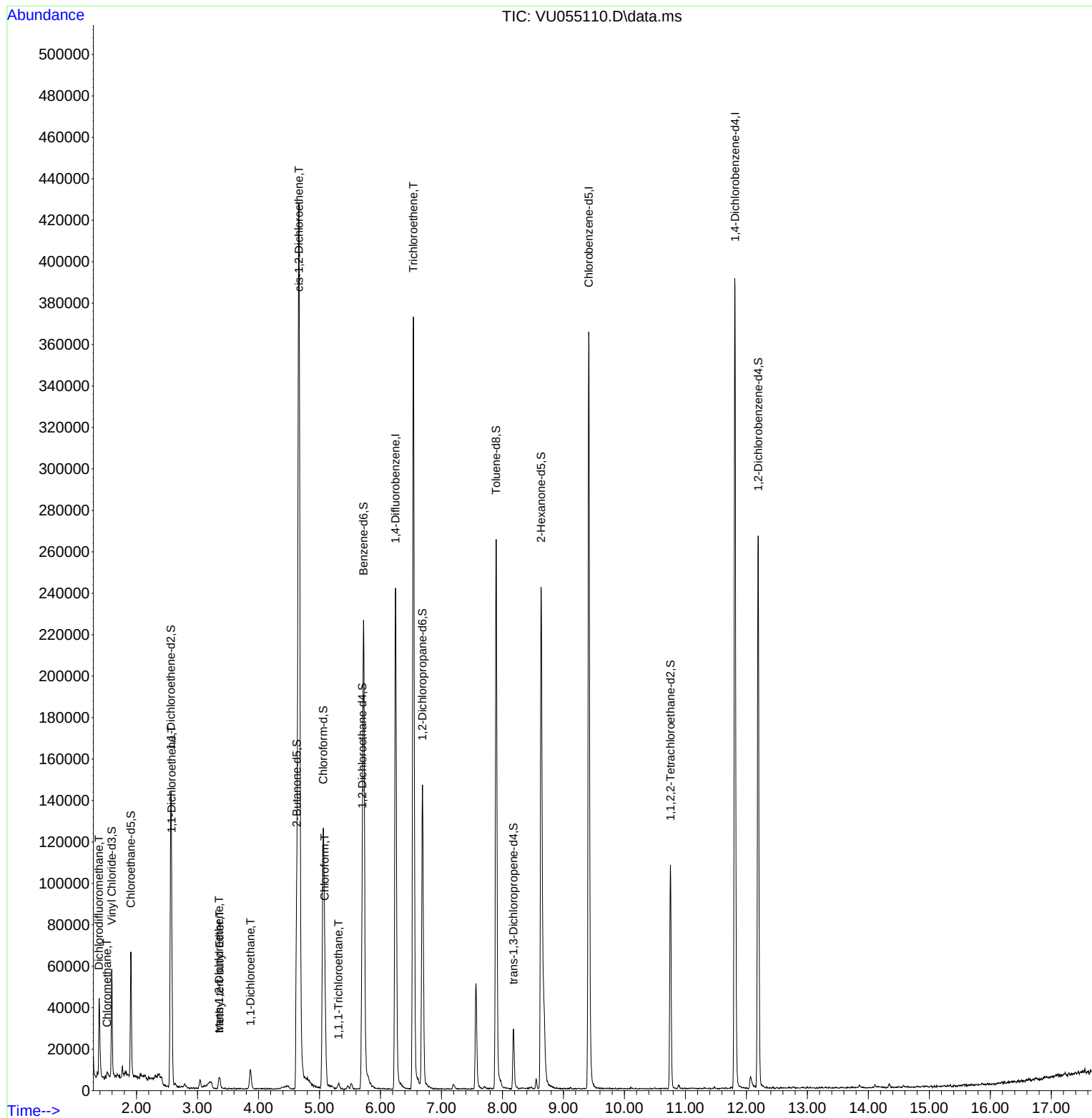
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	191443	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	197841	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	100105	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	36348	4.051	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.907	69	42475	4.090	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.563	65	21635	4.232	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.600%
20) 2-Butanone-d5	4.627	46	132529	50.899	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.800%
24) Chloroform-d	5.062	84	107045	4.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.701	65	56317	4.728	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.724	84	207408	4.247	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.688	67	67965	4.376	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.897	98	177954	3.956	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	8.180	79	16271	3.804	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.000%
46) 2-Hexanone-d5	8.634	63	79674	45.880	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.760%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	51859	4.747	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	65263	4.467	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	1633	0.147	ug/L #	85
3) Chloromethane	1.518	50	2178	0.192	ug/L	95
12) 1,1-Dichloroethene	2.576	96	17578	1.986	ug/L #	47
17) Methyl tert-butyl Ether	3.361	73	4234	0.182	ug/L	97
18) trans-1,2-Dichloroethene	3.354	96	1029	0.115	ug/L	93
19) 1,1-Dichloroethane	3.869	63	10881	0.561	ug/L	93
22) cis-1,2-Dichloroethene	4.663	96	209127	19.025	ug/L	97
25) Chloroform	5.087	83	40037	1.981	ug/L	96
29) 1,1,1-Trichloroethane	5.312	97	2149	0.126	ug/L #	33
34) Trichloroethene	6.541	95	124251	10.618	ug/L	98

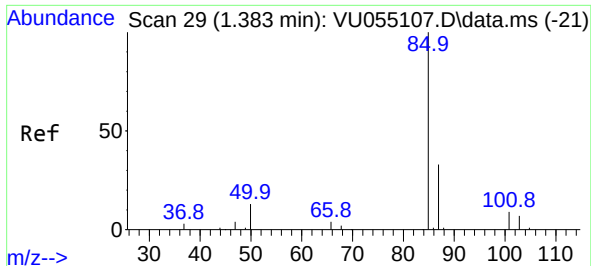
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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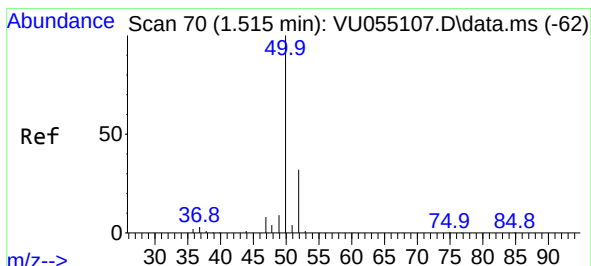
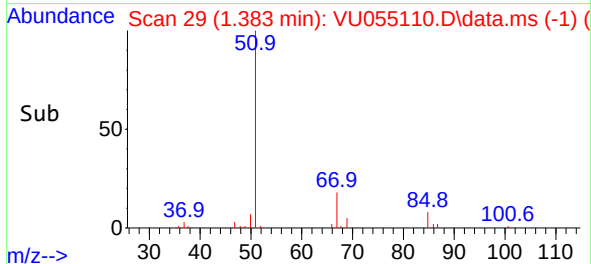
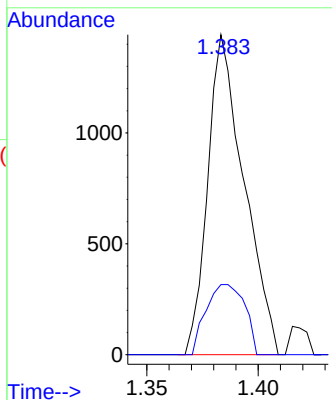
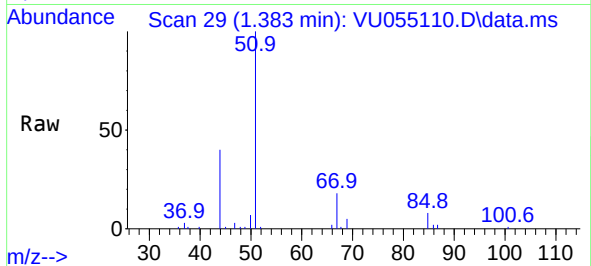




#2
 Dichlorodifluoromethane
 Concen: 0.147 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU055110.D
 Acq: 05 Sep 2023 22:11

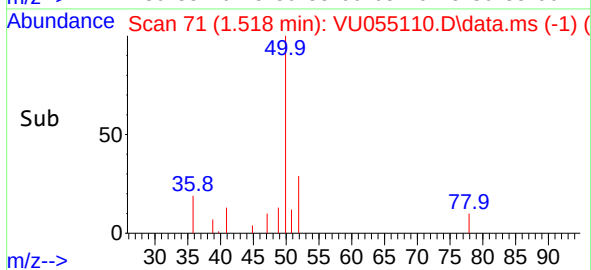
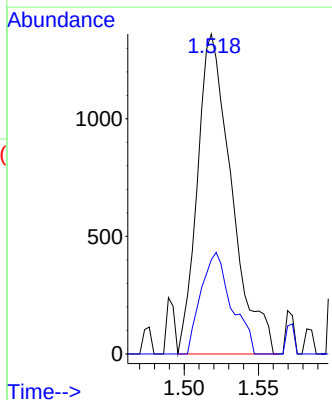
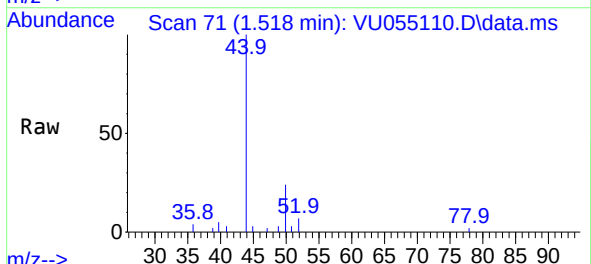
Instrument :
 MSVOA_U
 ClientSampleId :
 BH4B5

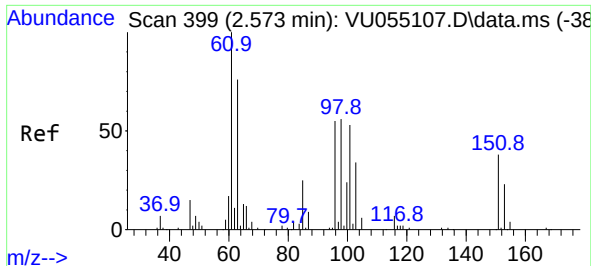
Tgt Ion: 85 Resp: 1633
 Ion Ratio Lower Upper
 85 100
 87 23.3 25.1 37.7#



#3
 Chloromethane
 Concen: 0.192 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU055110.D
 Acq: 05 Sep 2023 22:11

Tgt Ion: 50 Resp: 2178
 Ion Ratio Lower Upper
 50 100
 52 29.5 22.5 41.7

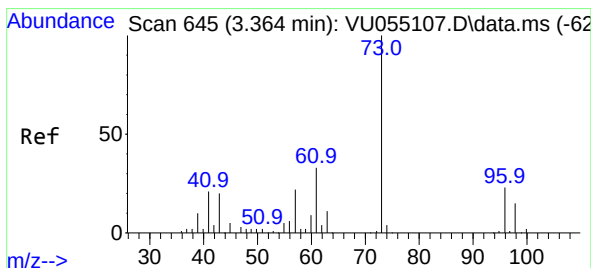
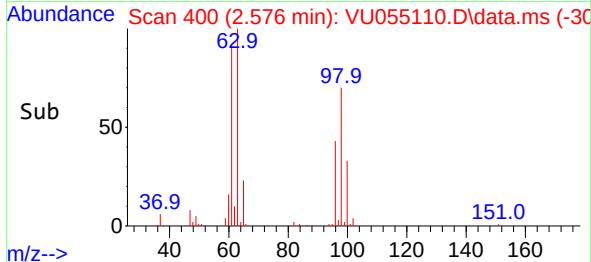
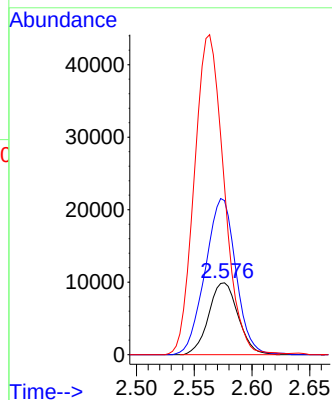
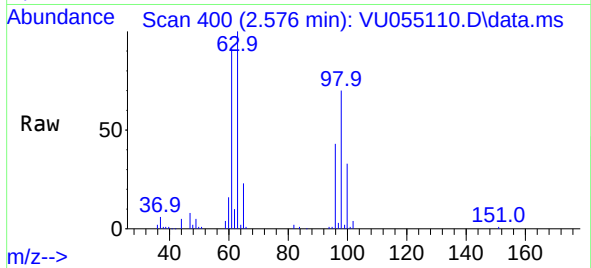




#12
1,1-Dichloroethene
Concen: 1.986 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU055110.D
Acq: 05 Sep 2023 22:11

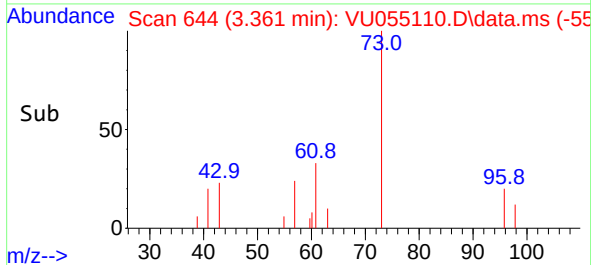
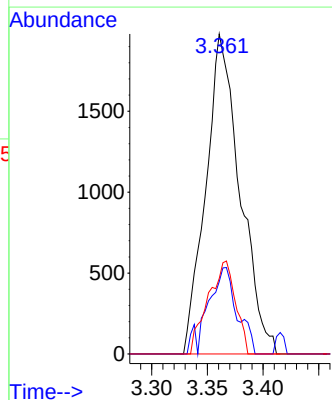
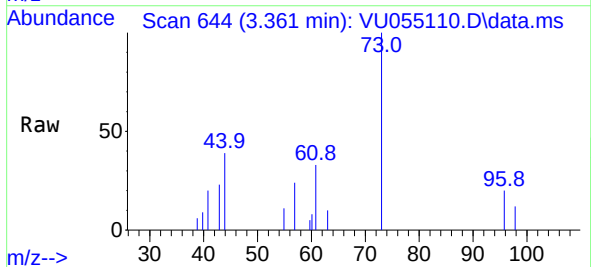
Instrument :
MSVOA_U
ClientSampleId :
BH4B5

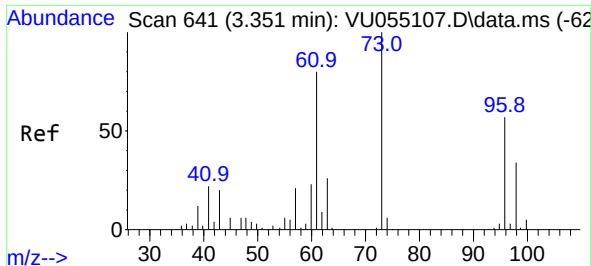
Tgt Ion: 96 Resp: 17578
Ion Ratio Lower Upper
96 100
61 214.2 120.8 224.4
63 234.3 94.5 175.5#



#17
Methyl tert-butyl Ether
Concen: 0.182 ug/L
RT: 3.361 min Scan# 644
Delta R.T. -0.003 min
Lab File: VU055110.D
Acq: 05 Sep 2023 22:11

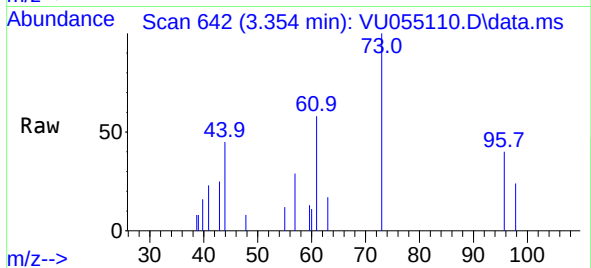
Tgt Ion: 73 Resp: 4234
Ion Ratio Lower Upper
73 100
43 21.6 16.2 24.2
57 23.2 17.4 26.2



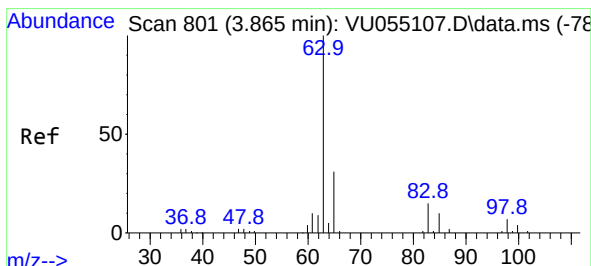
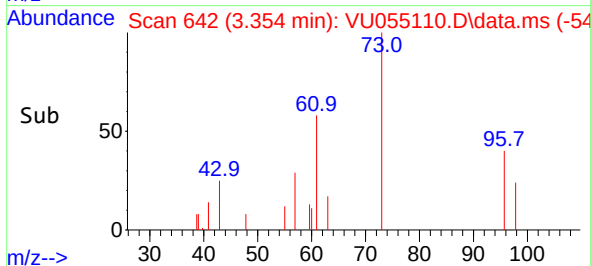
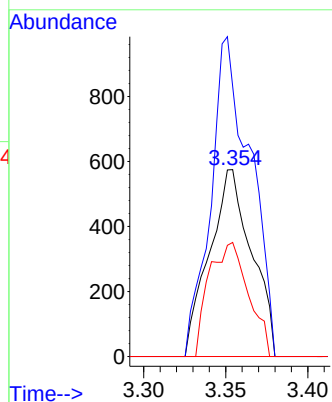


#18
trans-1,2-Dichloroethene
Concen: 0.115 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU055110.D
Acq: 05 Sep 2023 22:11

Instrument :
MSVOA_U
ClientSampleId :
BH4B5

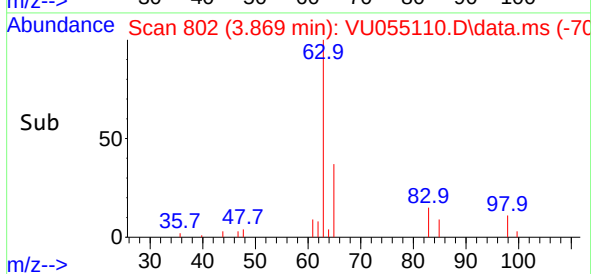
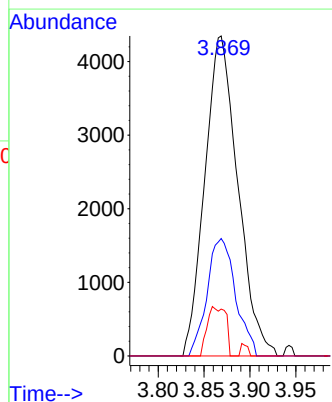
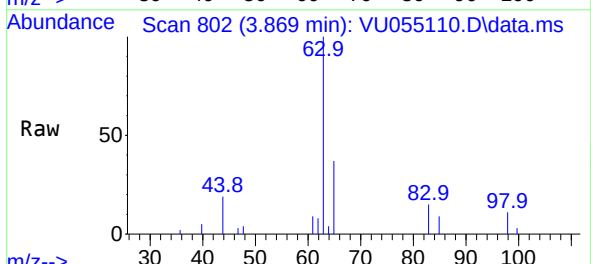


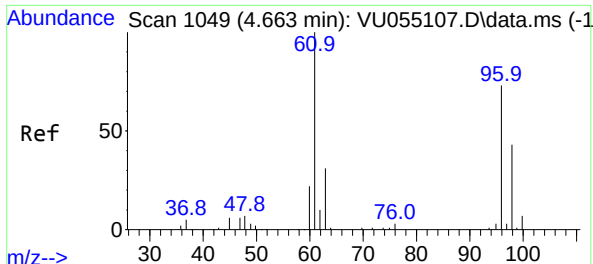
Tgt Ion: 96 Resp: 1029
Ion Ratio Lower Upper
96 100
61 144.5 108.1 200.9
98 61.0 45.4 84.4



#19
1,1-Dichloroethane
Concen: 0.561 ug/L
RT: 3.869 min Scan# 802
Delta R.T. 0.003 min
Lab File: VU055110.D
Acq: 05 Sep 2023 22:11

Tgt Ion: 63 Resp: 10881
Ion Ratio Lower Upper
63 100
65 36.7 22.2 41.2
83 14.7 10.6 19.8

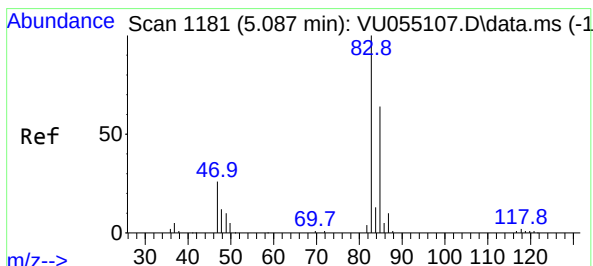
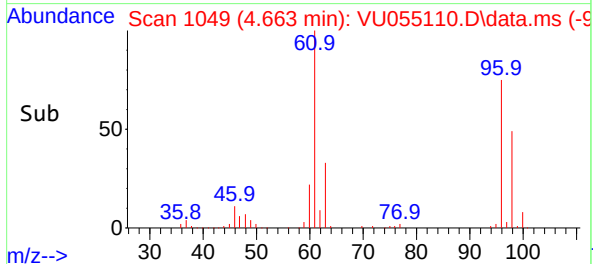
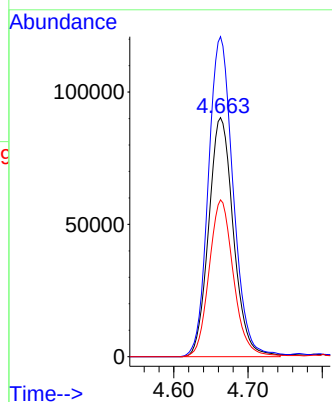
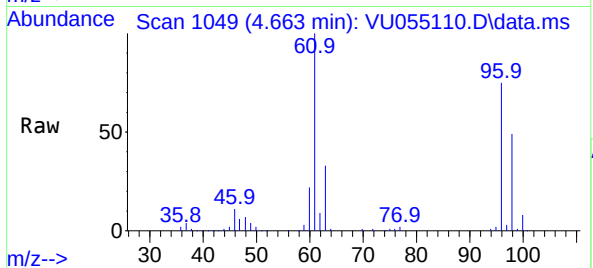




#22
cis-1,2-Dichloroethene
Concen: 19.025 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU055110.D
Acq: 05 Sep 2023 22:11

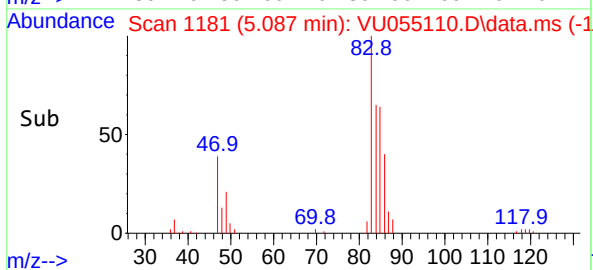
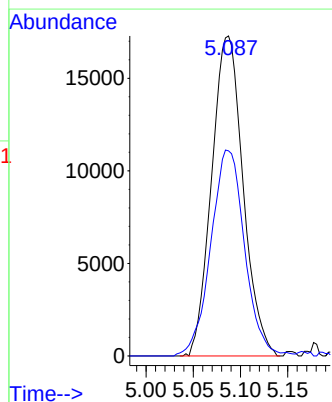
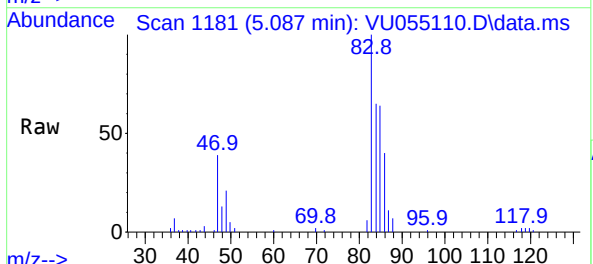
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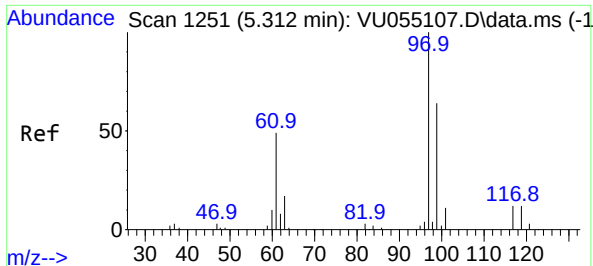
Tgt Ion: 96 Resp: 209127
Ion Ratio Lower Upper
96 100
61 133.8 97.2 180.4
98 65.6 46.1 85.7



#25
Chloroform
Concen: 1.981 ug/L
RT: 5.087 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VU055110.D
Acq: 05 Sep 2023 22:11

Tgt Ion: 83 Resp: 40037
Ion Ratio Lower Upper
83 100
85 64.1 47.2 87.6

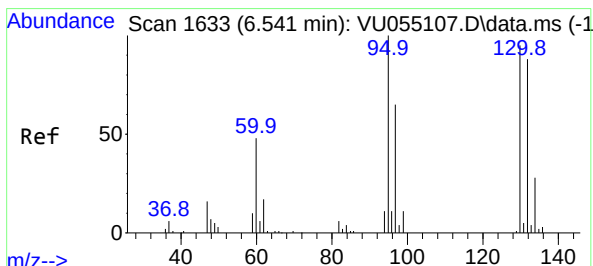
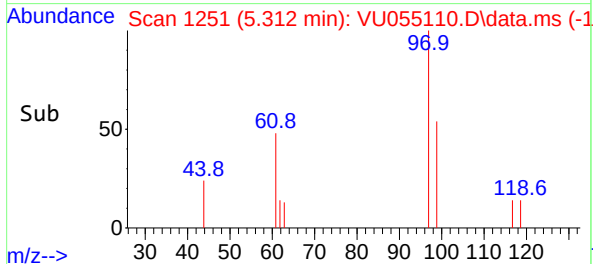
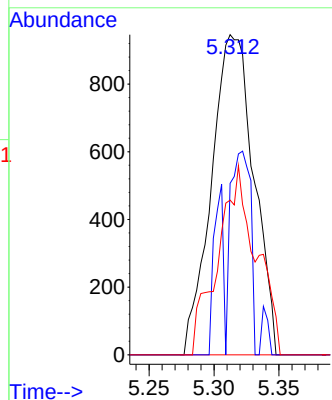
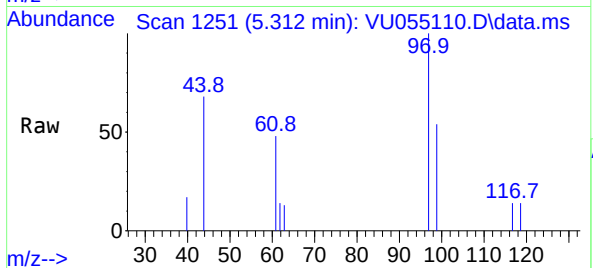




#29
1,1,1-Trichloroethane
Concen: 0.126 ug/L
RT: 5.312 min Scan# 11
Delta R.T. 0.000 min
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ClientSampleId :
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Tgt Ion: 97 Resp: 2149
Ion Ratio Lower Upper
97 100
99 11.4 51.8 77.8#
61 3.2 36.8 55.2#



#34
Trichloroethene
Concen: 10.618 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VU055110.D
Acq: 05 Sep 2023 22:11

Tgt Ion: 95 Resp: 124251
Ion Ratio Lower Upper
95 100
97 64.7 44.7 83.1
132 93.1 66.6 123.6
130 96.6 66.5 123.5

