

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055051.D
 Acq On : 01 Sep 2023 19:38
 Operator : MD/SY
 Sample : 04230-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 01 23:49:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 23:46:10 2023
 Response via : Initial Calibration

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

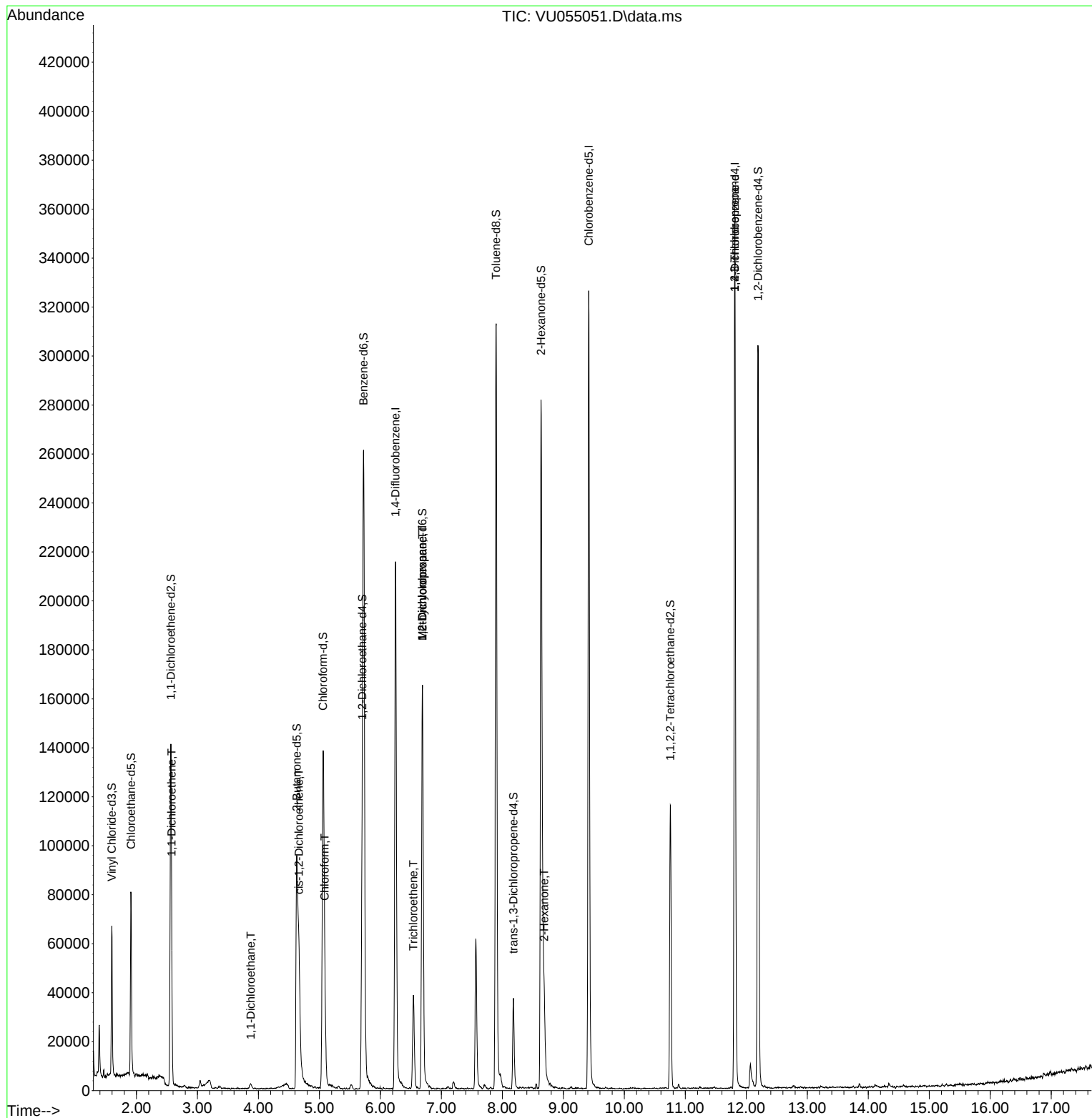
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	171588	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	177142	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	90052	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	42243	5.253	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 105.000%		
7) Chloroethane-d5	1.911	69	50626	5.438	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 108.800%		
11) 1,1-Dichloroethene-d2	2.563	65	25734	5.616	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 112.400%		
20) 2-Butanone-d5	4.628	46	151173	64.777	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 129.560%		
24) Chloroform-d	5.059	84	123350	5.780	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 115.600%		
26) 1,2-Dichloroethane-d4	5.702	65	64760	6.066	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 121.400%		
32) Benzene-d6	5.724	84	244081	5.582	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 111.600%		
36) 1,2-Dichloropropane-d6	6.689	67	79463	5.714	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 114.200%		
41) Toluene-d8	7.898	98	213144	5.292	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 105.800%		
43) trans-1,3-Dichloroprop...	8.181	79	21096	5.508	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 110.200%		
46) 2-Hexanone-d5	8.634	63	91079	58.576	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 117.160%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	56968	5.825	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 116.400%		
66) 1,2-Dichlorobenzene-d4	12.190	152	76007	5.783	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 115.600%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	4829	0.609	ug/L #	1
19) 1,1-Dichloroethane	3.872	63	2935	0.169	ug/L #	82
22) cis-1,2-Dichloroethene	4.663	96	18672	1.895	ug/L	88
25) Chloroform	5.087	83	30087	1.661	ug/L	93
34) Trichloroethene	6.541	95	11695	1.116	ug/L	93
35) Methylcyclohexane	6.689	83	17438	1.186	ug/L #	19
37) 1,2-Dichloropropane	6.689	63	9258	0.902	ug/L #	88
48) 2-Hexanone	8.685	43	19448	4.241	ug/L #	83
61) 1,2,3-Trichloropropane	11.807	75	12802	2.142	ug/L #	67

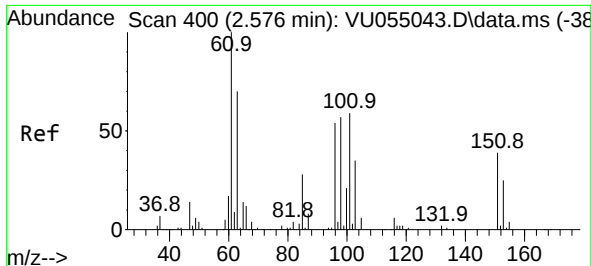
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.609 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU055051.D

Acq: 01 Sep 2023 19:38

Instrument :

MSVOA_U

ClientSampleId :

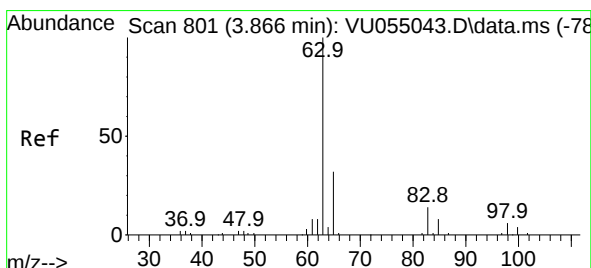
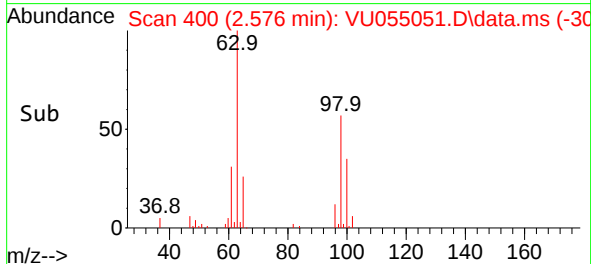
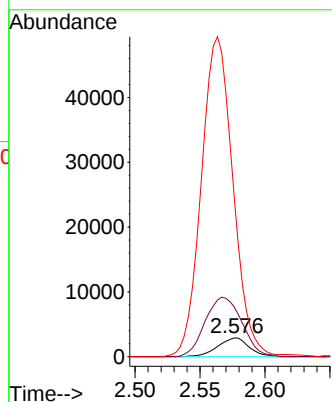
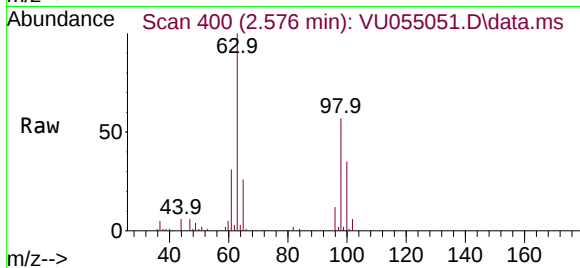
Tgt Ion: 96 Resp: 4829

Ion Ratio Lower Upper

96 100

61 264.5 120.8 224.4#

63 847.3 94.5 175.5#



#19

1,1-Dichloroethane

Concen: 0.169 ug/L

RT: 3.872 min Scan# 803

Delta R.T. 0.007 min

Lab File: VU055051.D

Acq: 01 Sep 2023 19:38

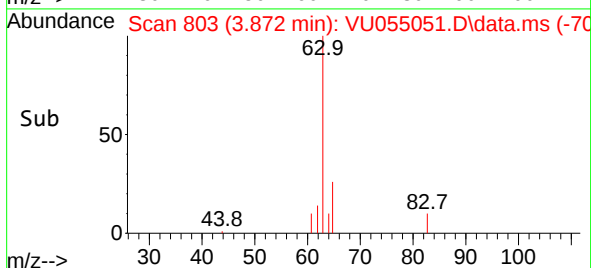
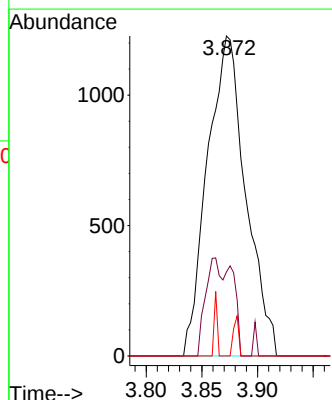
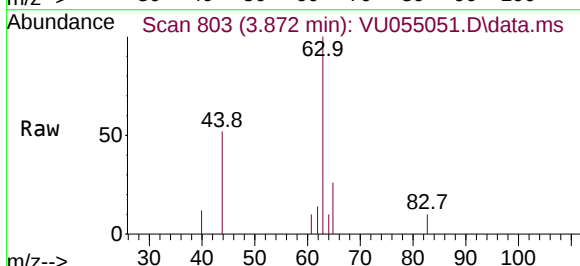
Tgt Ion: 63 Resp: 2935

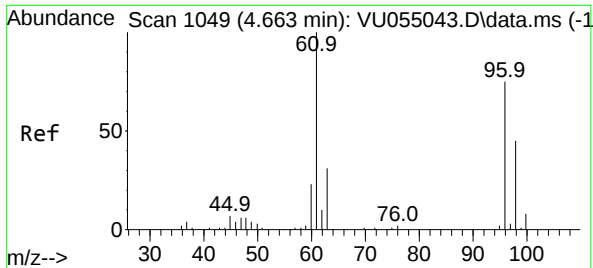
Ion Ratio Lower Upper

63 100

65 26.2 22.2 41.2

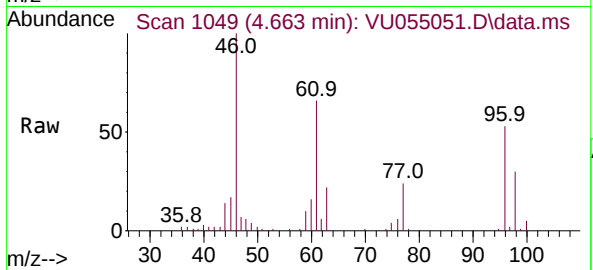
83 0.0 10.6 19.8#



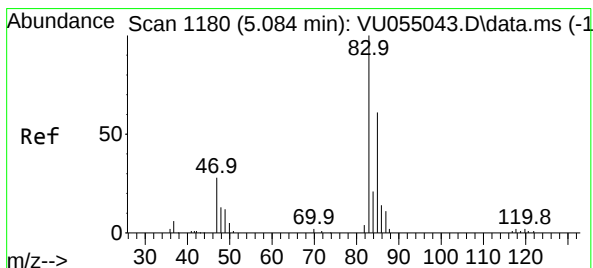
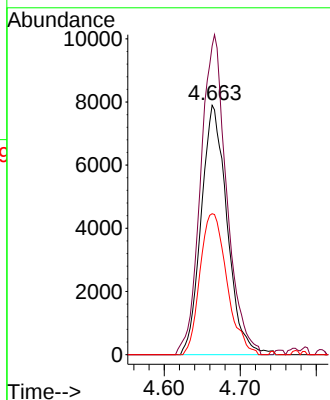
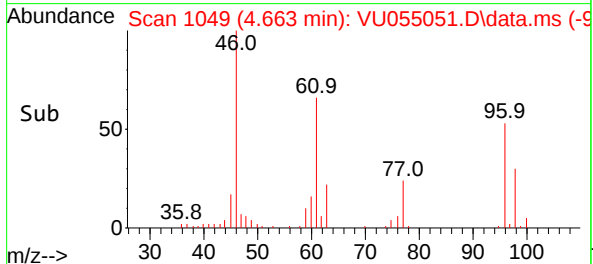


#22
 cis-1,2-Dichloroethene
 Concen: 1.895 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU055051.D
 Acq: 01 Sep 2023 19:38

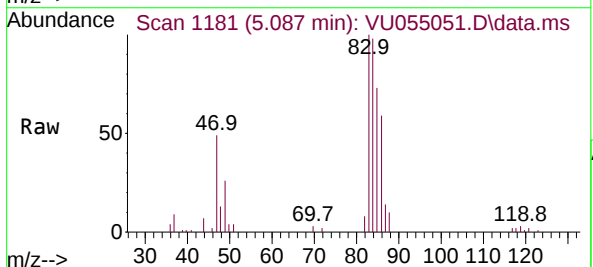
Instrument :
 MSVOA_U
 ClientSampleId :



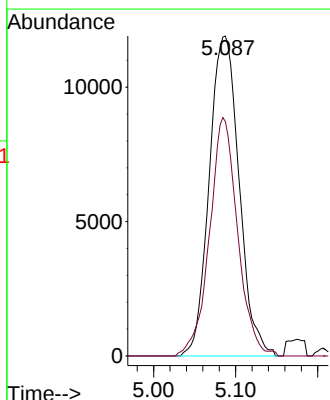
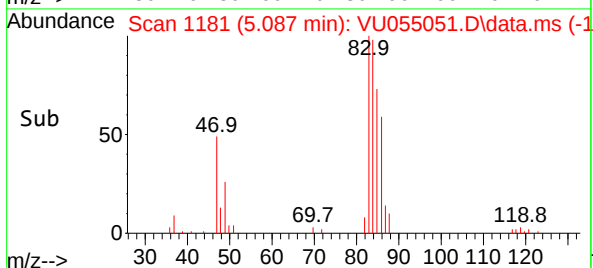
Tgt Ion: 96 Resp: 18672
 Ion Ratio Lower Upper
 96 100
 61 123.8 97.2 180.4
 98 56.5 46.1 85.7

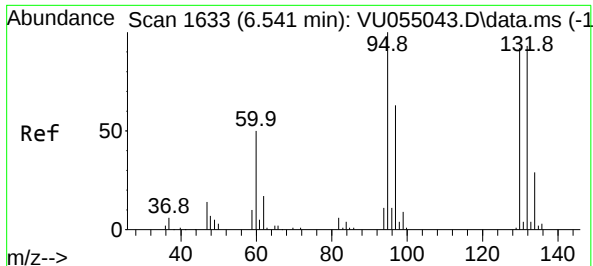


#25
 Chloroform
 Concen: 1.661 ug/L
 RT: 5.087 min Scan# 1181
 Delta R.T. 0.003 min
 Lab File: VU055051.D
 Acq: 01 Sep 2023 19:38



Tgt Ion: 83 Resp: 30087
 Ion Ratio Lower Upper
 83 100
 85 73.2 47.2 87.6

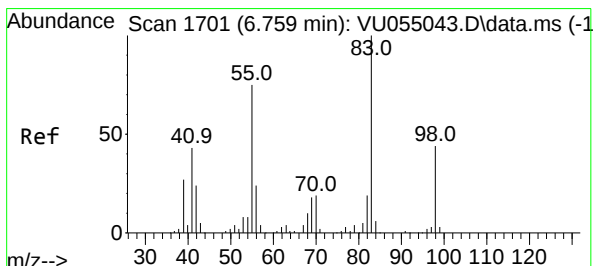
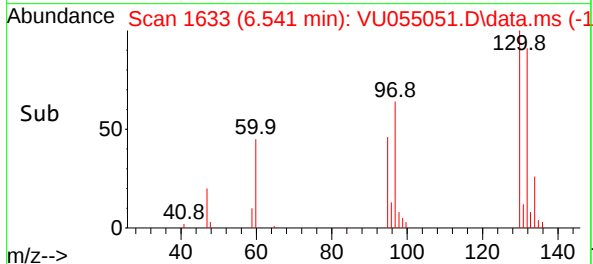
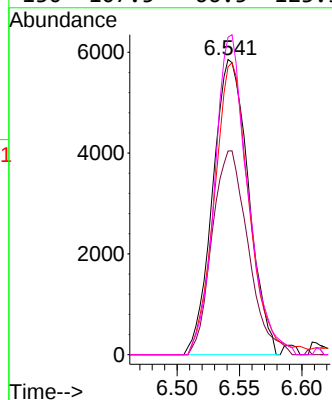
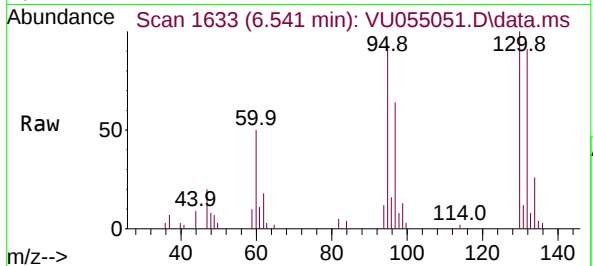




#34
Trichloroethene
Concen: 1.116 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VU055051.D
Acq: 01 Sep 2023 19:38

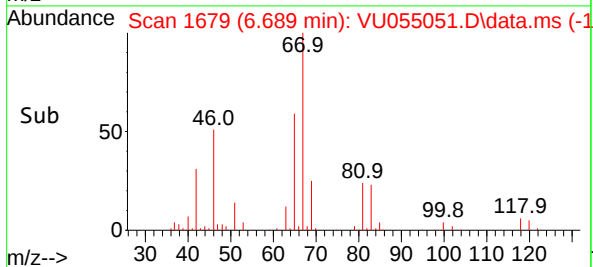
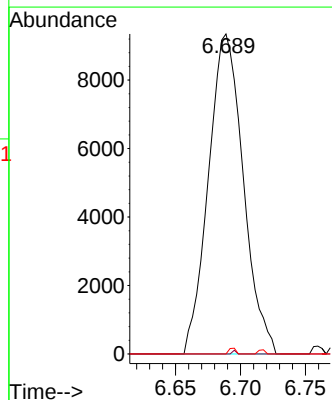
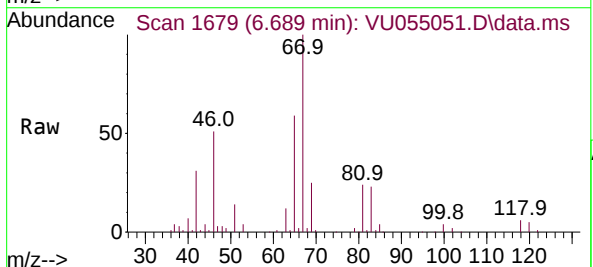
Instrument :
MSVOA_U
ClientSampleId :

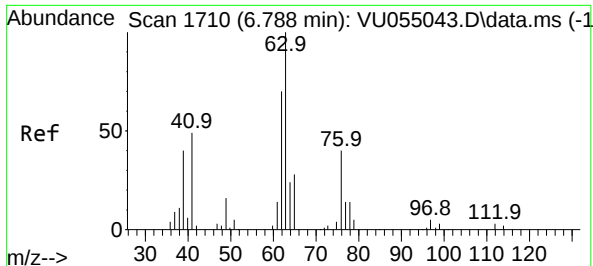
Tgt Ion: 95 Resp: 11695
Ion Ratio Lower Upper
95 100
97 69.0 44.7 83.1
132 97.5 66.6 123.6
130 107.5 66.5 123.5



#35
Methylcyclohexane
Concen: 1.186 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055051.D
Acq: 01 Sep 2023 19:38

Tgt Ion: 83 Resp: 17438
Ion Ratio Lower Upper
83 100
55 0.1 60.4 90.6#
98 0.4 35.3 52.9#

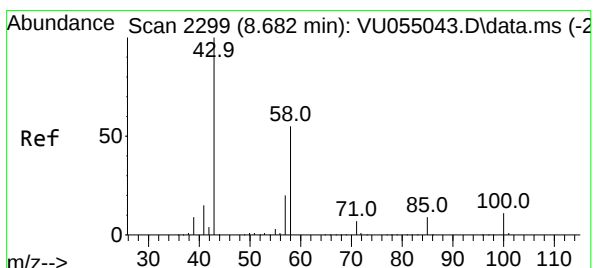
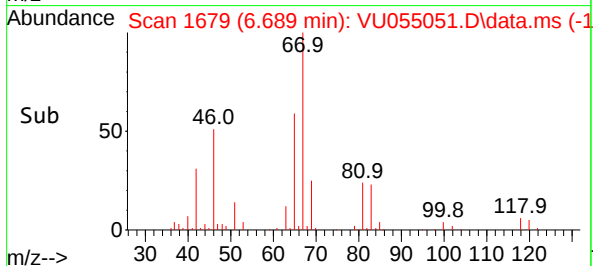
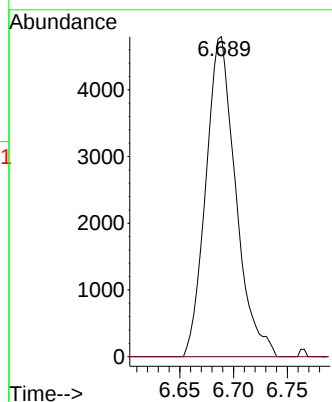
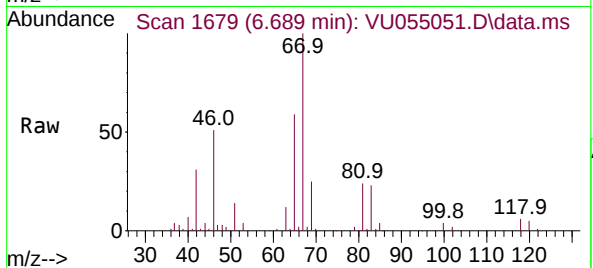




#37
1,2-Dichloropropane
Concen: 0.902 ug/L
RT: 6.689 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU055051.D
Acq: 01 Sep 2023 19:38

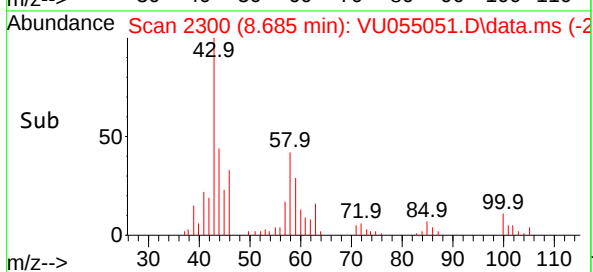
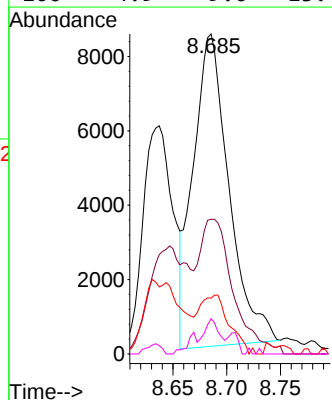
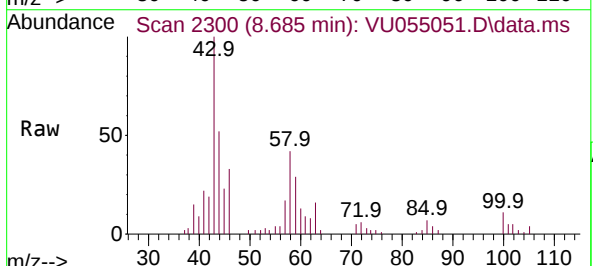
Instrument :
MSVOA_U
ClientSampleId :

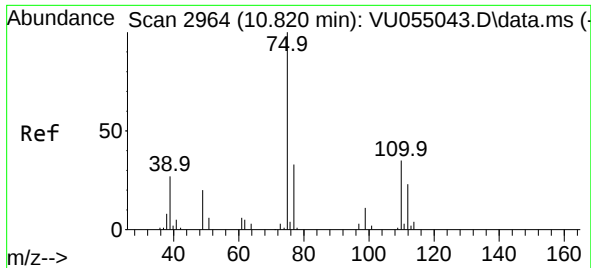
Tgt Ion: 63 Resp: 9258
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#48
2-Hexanone
Concen: 4.241 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU055051.D
Acq: 01 Sep 2023 19:38

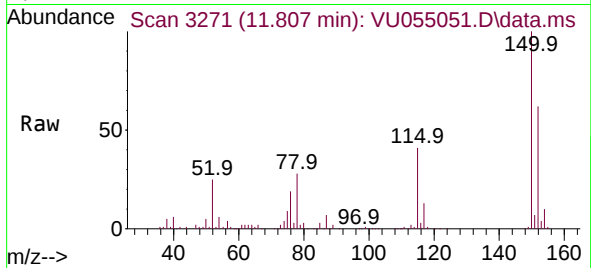
Tgt Ion: 43 Resp: 19448
Ion Ratio Lower Upper
43 100
58 40.6 44.0 66.0#
57 15.7 16.2 24.2#
100 4.9 9.0 13.4#





#61
 1,2,3-Trichloropropane
 Concen: 2.142 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU055051.D
 Acq: 01 Sep 2023 19:38

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 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	2.0	28.2	42.2#
77	36.4	26.2	39.4

