

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083023\
 Data File : VU055005.D
 Acq On : 30 Aug 2023 18:57
 Operator : MD/SY
 Sample : 04153-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

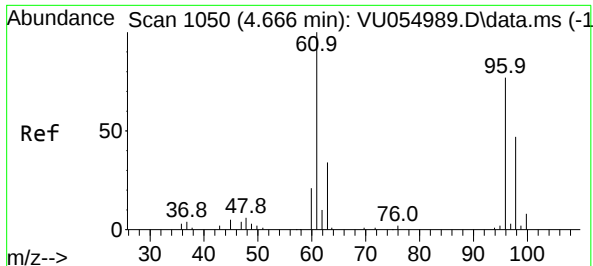
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 02:38:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 31 02:34:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	169756	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	162549	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	80076	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	17818	3.326	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.600%
7) Chloroethane-d5	1.907	69	25082	3.624	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.400%
11) 1,1-Dichloroethene-d2	2.563	65	11712	3.868	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	4.624	46	169908	58.749	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.500%
24) Chloroform-d	5.058	84	86637	4.359	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.698	65	50402	4.766	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.724	84	153267	4.195	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.689	67	58105	4.522	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.898	98	131328	3.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.000%
43) trans-1,3-Dichloroprop...	8.181	79	16803	3.973	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.634	63	109402	54.502	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.000%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	56749	5.150	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	60834	4.758	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.663	96	9628	0.964	ug/L	97
34) Trichloroethene	6.541	95	37275	3.508	ug/L	97
35) Methylcyclohexane	6.689	83	13799	0.878	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	6957	0.651	ug/L #	90
48) 2-Hexanone	8.685	43	11977	2.714	ug/L #	46
61) 1,2,3-Trichloropropane	11.811	75	10903	1.829	ug/L #	68
69) 1,3,5-Trichlorobenzene	13.846	180	4619	0.346	ug/L	91
70) 1,2,4-trichlorobenzene	13.846	180	4619	0.442	ug/L	89

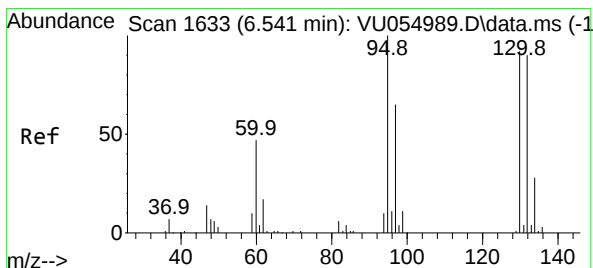
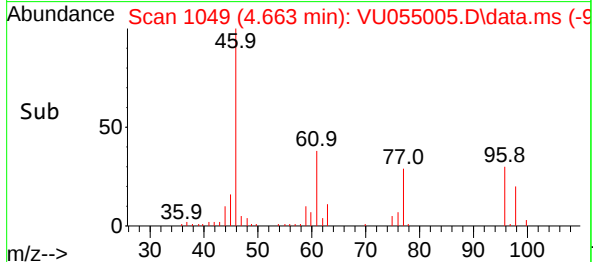
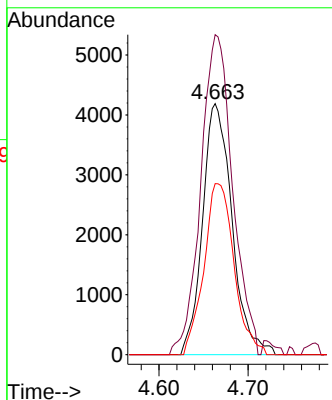
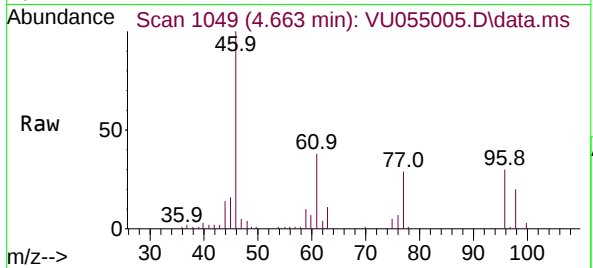
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#22
 cis-1,2-Dichloroethene
 Concen: 0.964 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.003 min
 Lab File: VU055005.D
 Acq: 30 Aug 2023 18:57

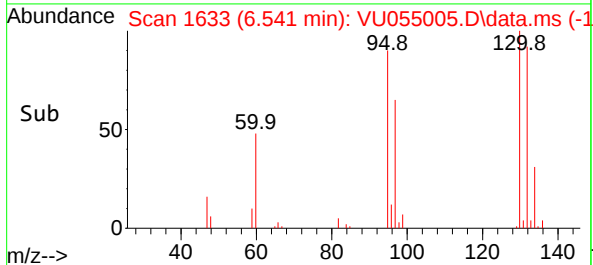
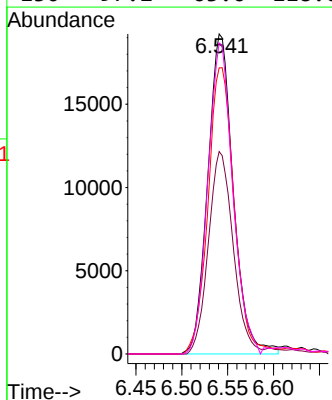
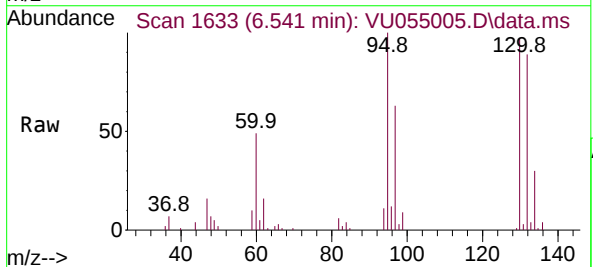
Instrument :
 MSVOA_U
 ClientSampleId :

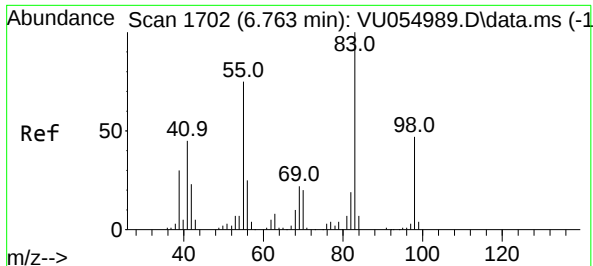
Tgt Ion: 96 Resp: 9628
 Ion Ratio Lower Upper
 96 100
 61 127.5 88.4 164.2
 98 68.1 44.0 81.6



#34
 Trichloroethene
 Concen: 3.508 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. -0.000 min
 Lab File: VU055005.D
 Acq: 30 Aug 2023 18:57

Tgt Ion: 95 Resp: 37275
 Ion Ratio Lower Upper
 95 100
 97 63.3 44.1 81.9
 132 89.4 63.6 118.2
 130 97.2 63.6 118.0





#35

Methylcyclohexane

Concen: 0.878 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU055005.D

Acq: 30 Aug 2023 18:57

Instrument :

MSVOA_U

ClientSampleId :

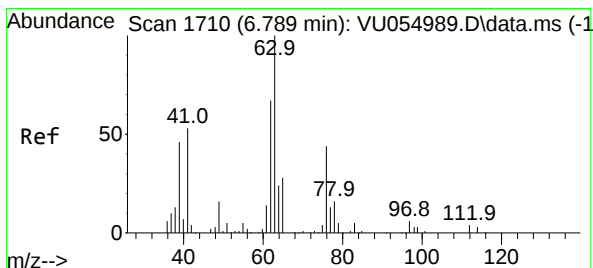
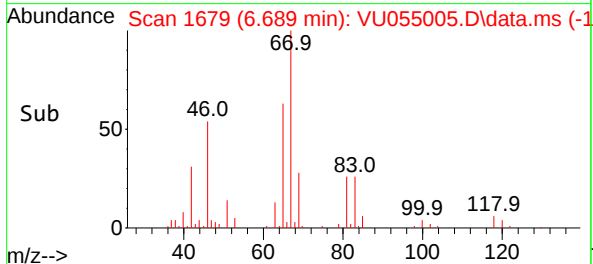
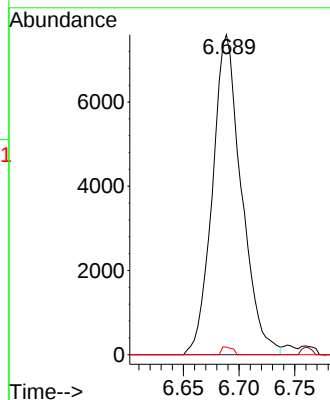
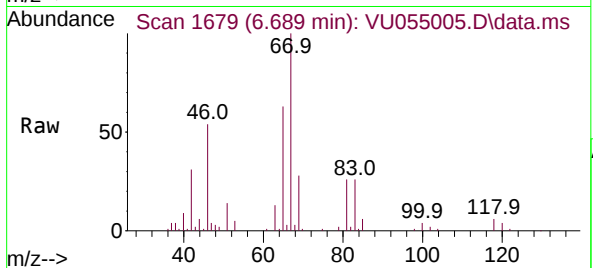
Tgt Ion: 83 Resp: 13799

Ion Ratio Lower Upper

83 100

55 0.8 62.1 93.1#

98 0.9 37.8 56.6#



#37

1,2-Dichloropropane

Concen: 0.651 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.103 min

Lab File: VU055005.D

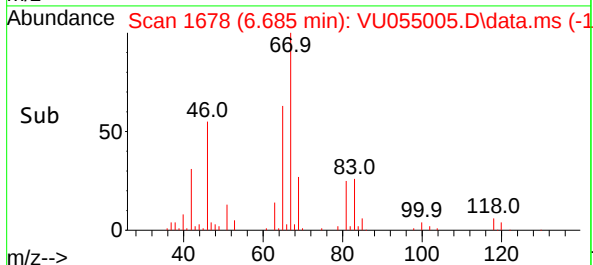
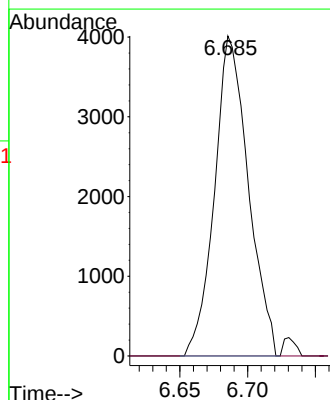
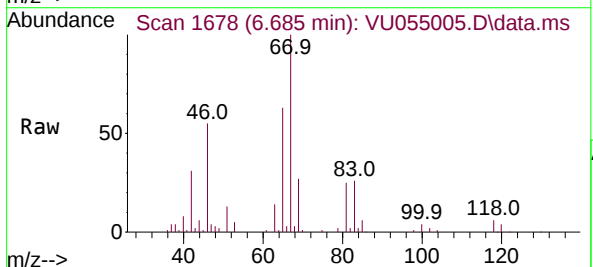
Acq: 30 Aug 2023 18:57

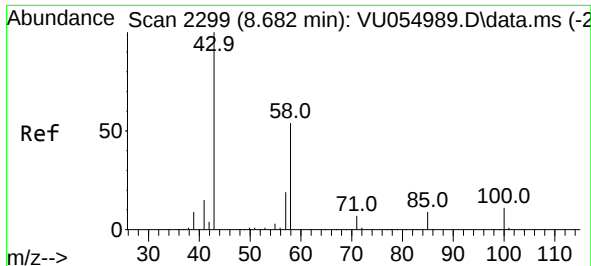
Tgt Ion: 63 Resp: 6957

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#

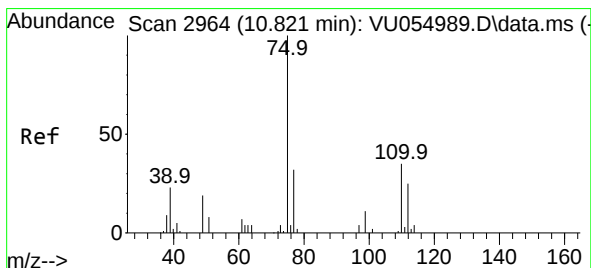
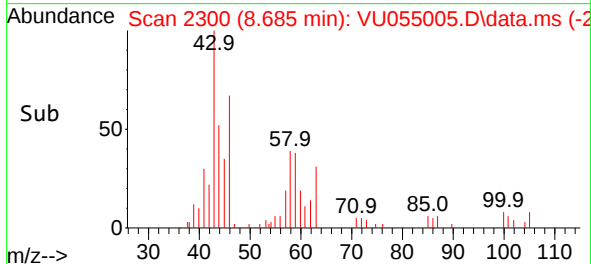
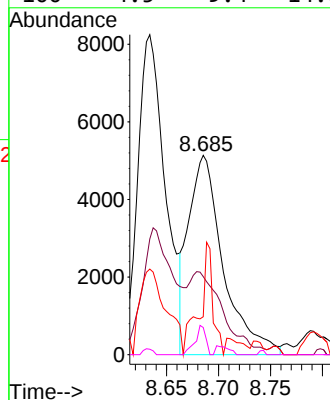
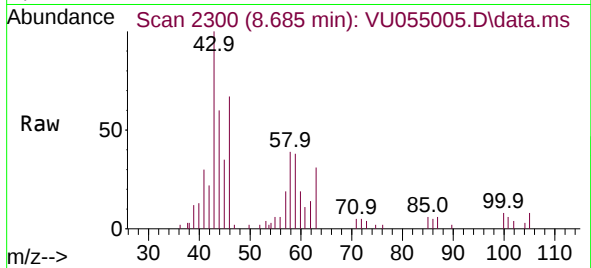




#48
2-Hexanone
Concen: 2.714 ug/L
RT: 8.685 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VU055005.D
Acq: 30 Aug 2023 18:57

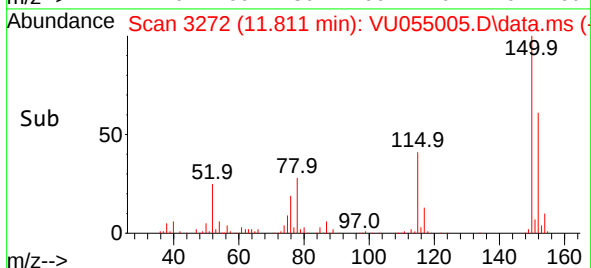
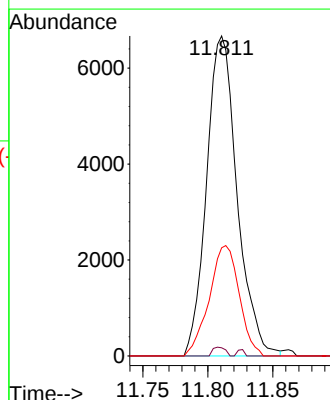
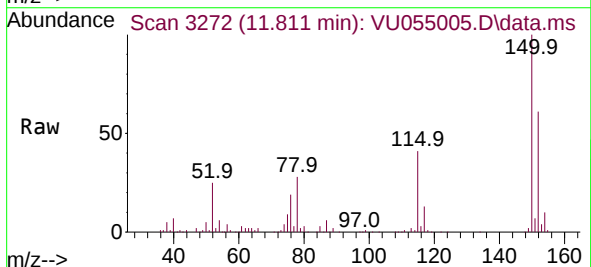
Instrument :
MSVOA_U
ClientSampleId :

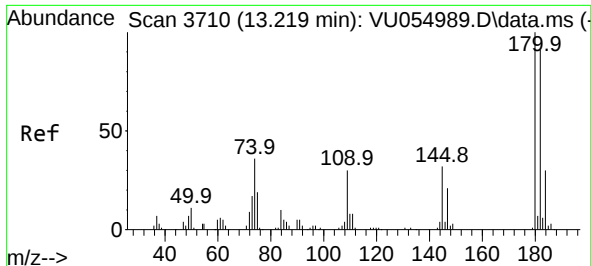
Tgt Ion: 43 Resp: 11977
Ion Ratio Lower Upper
43 100
58 0.0 44.0 66.0#
57 13.9 15.9 23.9#
100 4.5 9.4 14.0#



#61
1,2,3-Trichloropropane
Concen: 1.829 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055005.D
Acq: 30 Aug 2023 18:57

Tgt Ion: 75 Resp: 10903
Ion Ratio Lower Upper
75 100
110 1.1 29.0 43.6#
77 33.8 26.5 39.7





#69

1,3,5-Trichlorobenzene

Concen: 0.346 ug/L

RT: 13.846 min Scan# 3905

Delta R.T. 0.627 min

Lab File: VU055005.D

Acq: 30 Aug 2023 18:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 4619

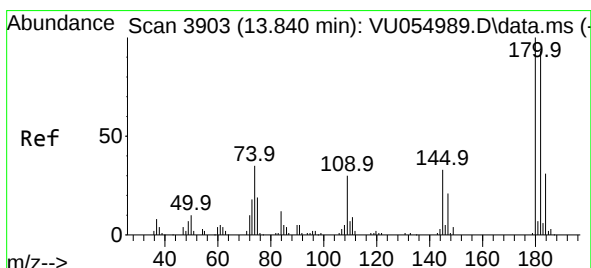
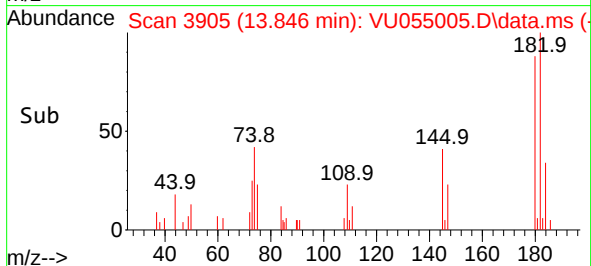
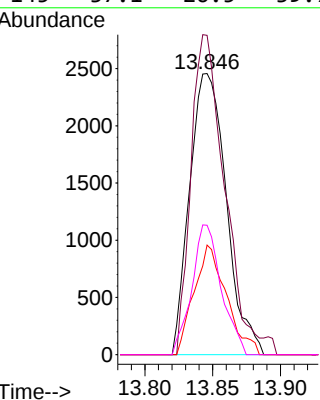
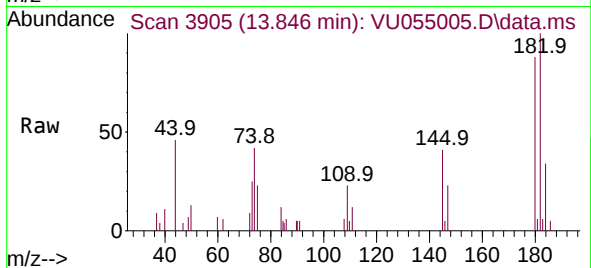
Ion Ratio Lower Upper

180 100

182 105.3 76.6 114.8

184 34.4 23.6 35.4

145 37.1 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 0.442 ug/L

RT: 13.846 min Scan# 3905

Delta R.T. 0.006 min

Lab File: VU055005.D

Acq: 30 Aug 2023 18:57

Tgt Ion:180 Resp: 4619

Ion Ratio Lower Upper

180 100

182 105.3 74.9 112.3

145 37.1 25.8 38.8

