

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055086.D
 Acq On : 05 Sep 2023 11:59
 Operator : MD/SY
 Sample : 04250-01DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

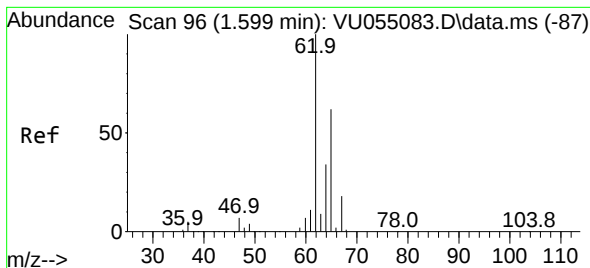
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 02:15:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 02:14:32 2023
 Response via : Initial Calibration

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

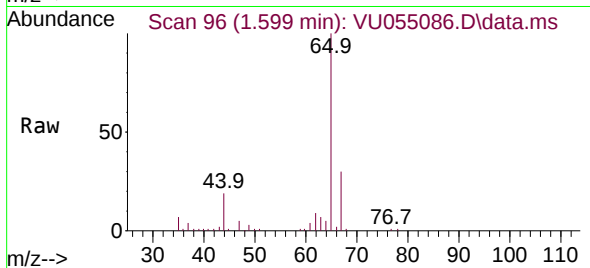
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	219345	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	224243	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	116184	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	35701	3.473	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.400%	
7) Chloroethane-d5	1.908	69	43475	3.653	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	73.000%	
11) 1,1-Dichloroethene-d2	2.563	65	23085	3.941	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.800%	
20) 2-Butanone-d5	4.624	46	131685	44.141	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	88.280%	
24) Chloroform-d	5.059	84	107463	3.939	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.800%	
26) 1,2-Dichloroethane-d4	5.702	65	58083	4.256	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.200%	
32) Benzene-d6	5.724	84	212876	3.846	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.000%	
36) 1,2-Dichloropropane-d6	6.689	67	71090	4.038	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	80.800%	
41) Toluene-d8	7.898	98	187100	3.669	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.400%	
43) trans-1,3-Dichloroprop...	8.181	79	20296	4.186	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.800%	
46) 2-Hexanone-d5	8.631	63	83495	42.420	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.840%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	52704	4.257	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.200%	
66) 1,2-Dichlorobenzene-d4	12.193	152	68300	4.027	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	80.600%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	2843	0.208	ug/L #	68
16) Methylene chloride	3.043	84	6760	0.436	ug/L	92
22) cis-1,2-Dichloroethene	4.663	96	48380	3.841	ug/L	99
34) Trichloroethene	6.541	95	65165	4.913	ug/L	96
35) Methylcyclohexane	6.689	83	16731	0.899	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	8338	0.642	ug/L #	88
48) 2-Hexanone	8.685	43	16365	2.819	ug/L #	90
61) 1,2,3-Trichloropropane	11.811	75	16217	2.103	ug/L #	70

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

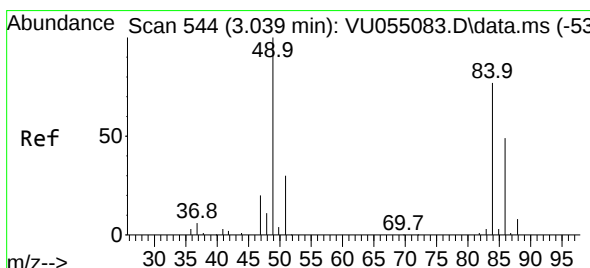
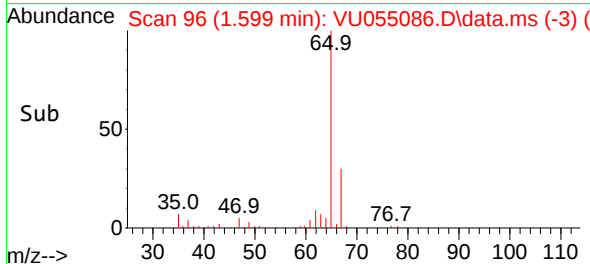
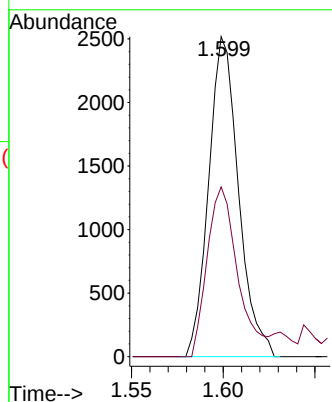


#5
 Vinyl chloride
 Concen: 0.208 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU055086.D
 Acq: 05 Sep 2023 11:59

Instrument :
 MSVOA_U
 ClientSampleId :

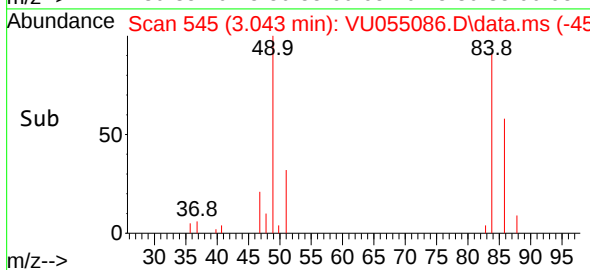
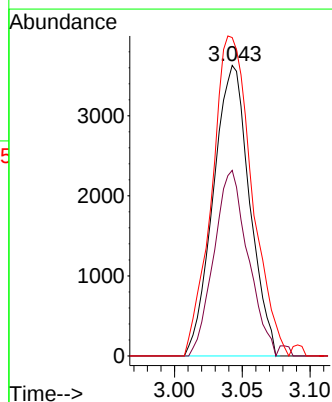
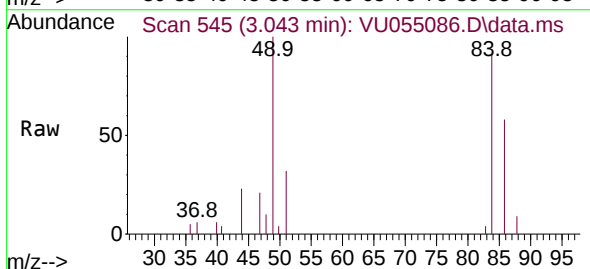


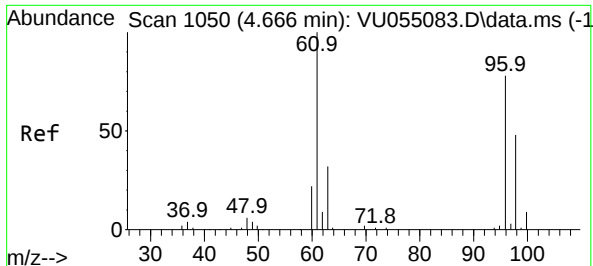
Tgt Ion: 62 Resp: 2843
 Ion Ratio Lower Upper
 62 100
 64 53.0 24.2 45.0#



#16
 Methylene chloride
 Concen: 0.436 ug/L
 RT: 3.043 min Scan# 545
 Delta R.T. 0.003 min
 Lab File: VU055086.D
 Acq: 05 Sep 2023 11:59

Tgt Ion: 84 Resp: 6760
 Ion Ratio Lower Upper
 84 100
 86 63.9 43.4 80.6
 49 113.8 87.7 162.9





#22

cis-1,2-Dichloroethene

Concen: 3.841 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. -0.003 min

Lab File: VU055086.D

Acq: 05 Sep 2023 11:59

Instrument :

MSVOA_U

ClientSampleId :

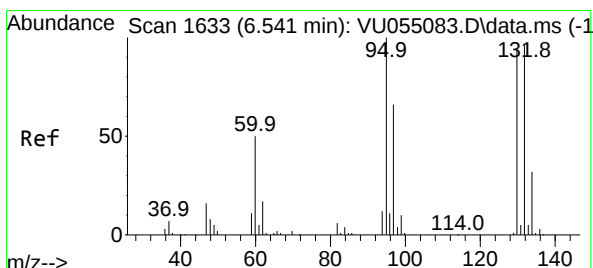
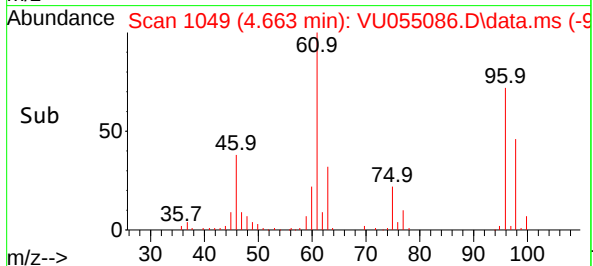
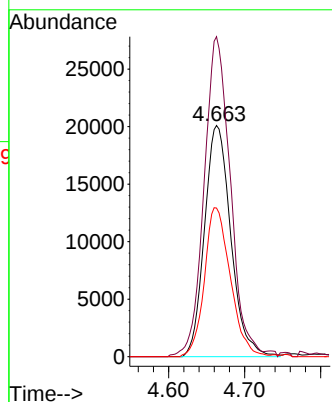
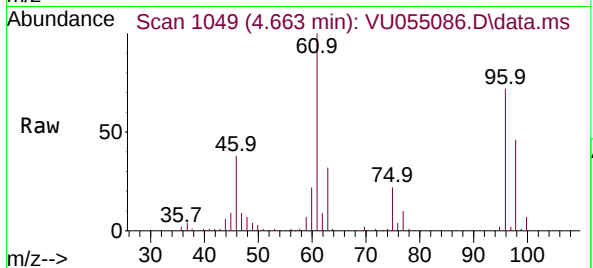
Tgt Ion: 96 Resp: 48380

Ion Ratio Lower Upper

96 100

61 138.4 97.2 180.4

98 64.3 46.1 85.7



#34

Trichloroethene

Concen: 4.913 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.000 min

Lab File: VU055086.D

Acq: 05 Sep 2023 11:59

Tgt Ion: 95 Resp: 65165

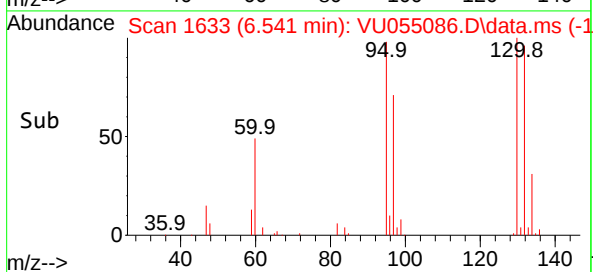
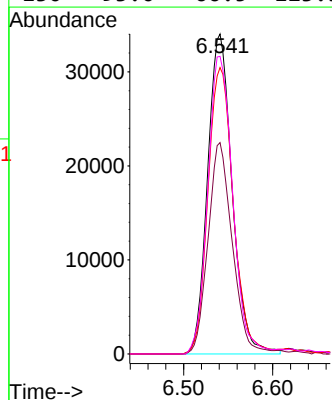
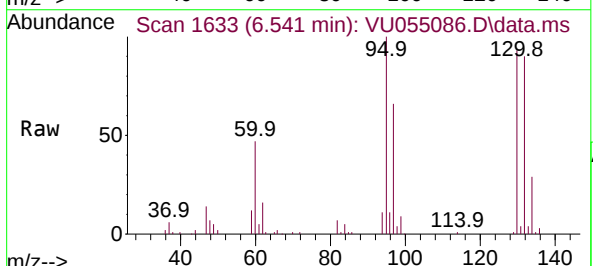
Ion Ratio Lower Upper

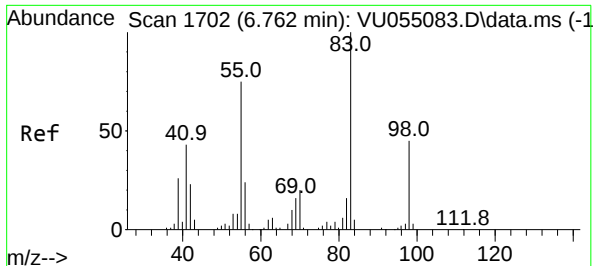
95 100

97 66.0 44.7 83.1

132 89.5 66.6 123.6

130 93.0 66.5 123.5

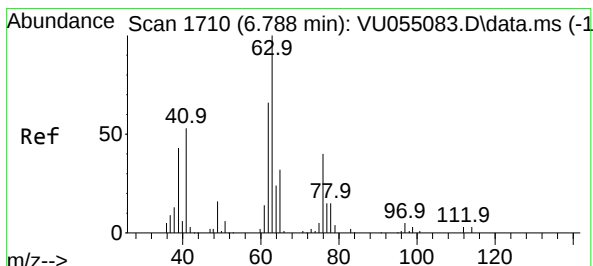
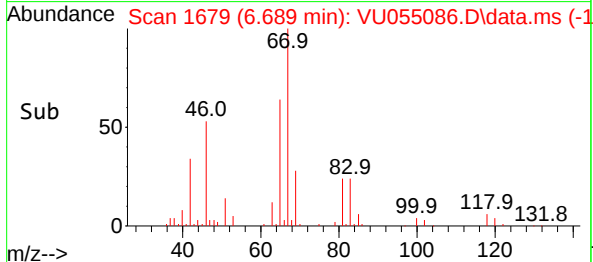
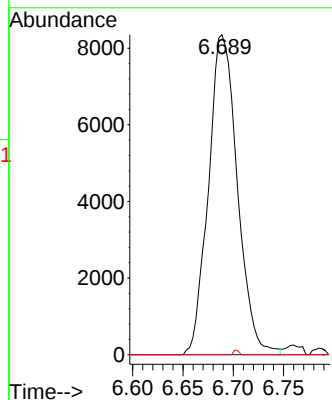
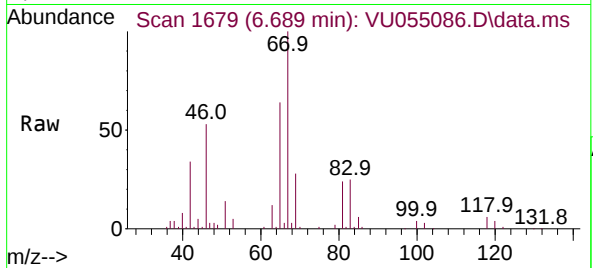




#35
Methylcyclohexane
Concen: 0.899 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU055086.D
Acq: 05 Sep 2023 11:59

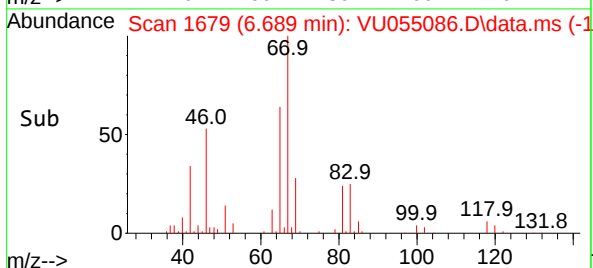
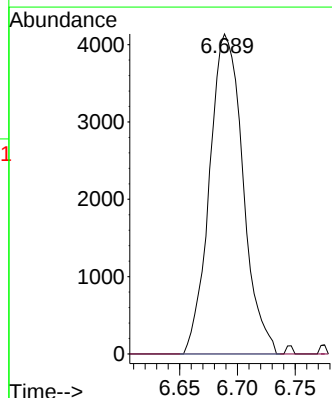
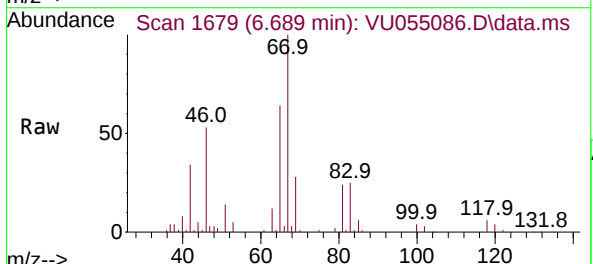
Instrument :
MSVOA_U
ClientSampleId :

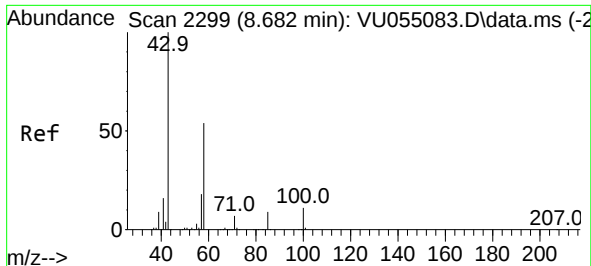
Tgt Ion: 83 Resp: 16731
Ion Ratio Lower Upper
83 100
55 0.0 60.4 90.6#
98 1.8 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.642 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.099 min
Lab File: VU055086.D
Acq: 05 Sep 2023 11:59

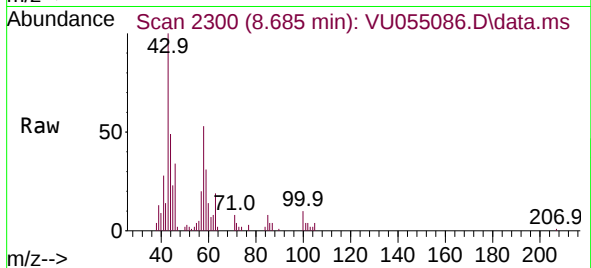
Tgt Ion: 63 Resp: 8338
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



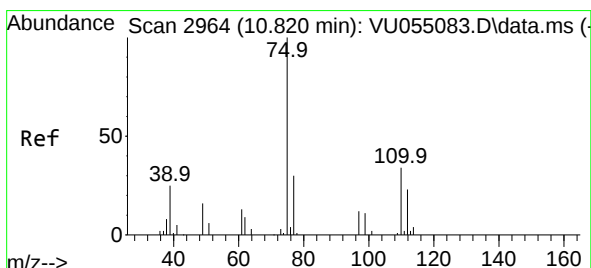
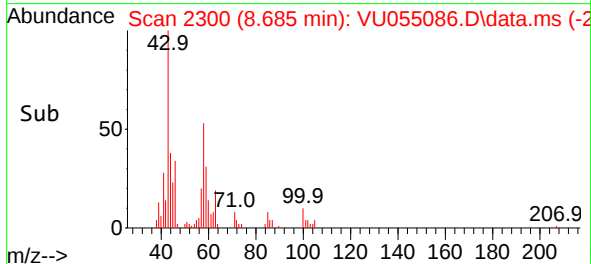
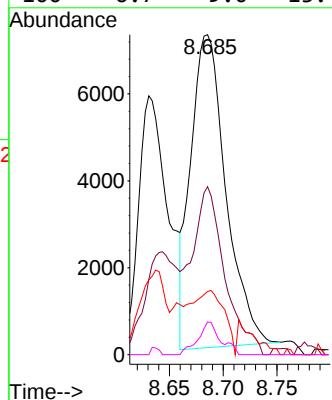


#48
2-Hexanone
Concen: 2.819 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055086.D
Acq: 05 Sep 2023 11:59

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	43	Resp:	16365
Ion	Ratio	Lower	Upper
43	100		
58	48.4	44.0	66.0
57	15.3	16.2	24.2#
100	6.7	9.0	13.4#



#61
1,2,3-Trichloropropane
Concen: 2.103 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.991 min
Lab File: VU055086.D
Acq: 05 Sep 2023 11:59

Tgt Ion:	75	Resp:	16217
Ion	Ratio	Lower	Upper
75	100		
110	2.7	28.2	42.2#
77	32.0	26.2	39.4

