

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091323\
 Data File : VU055280.D
 Acq On : 13 Sep 2023 13:18
 Operator : MD/SY
 Sample : 04306-05DL 2000X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 14 05:04:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 14 05:00:29 2023
 Response via : Initial Calibration

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

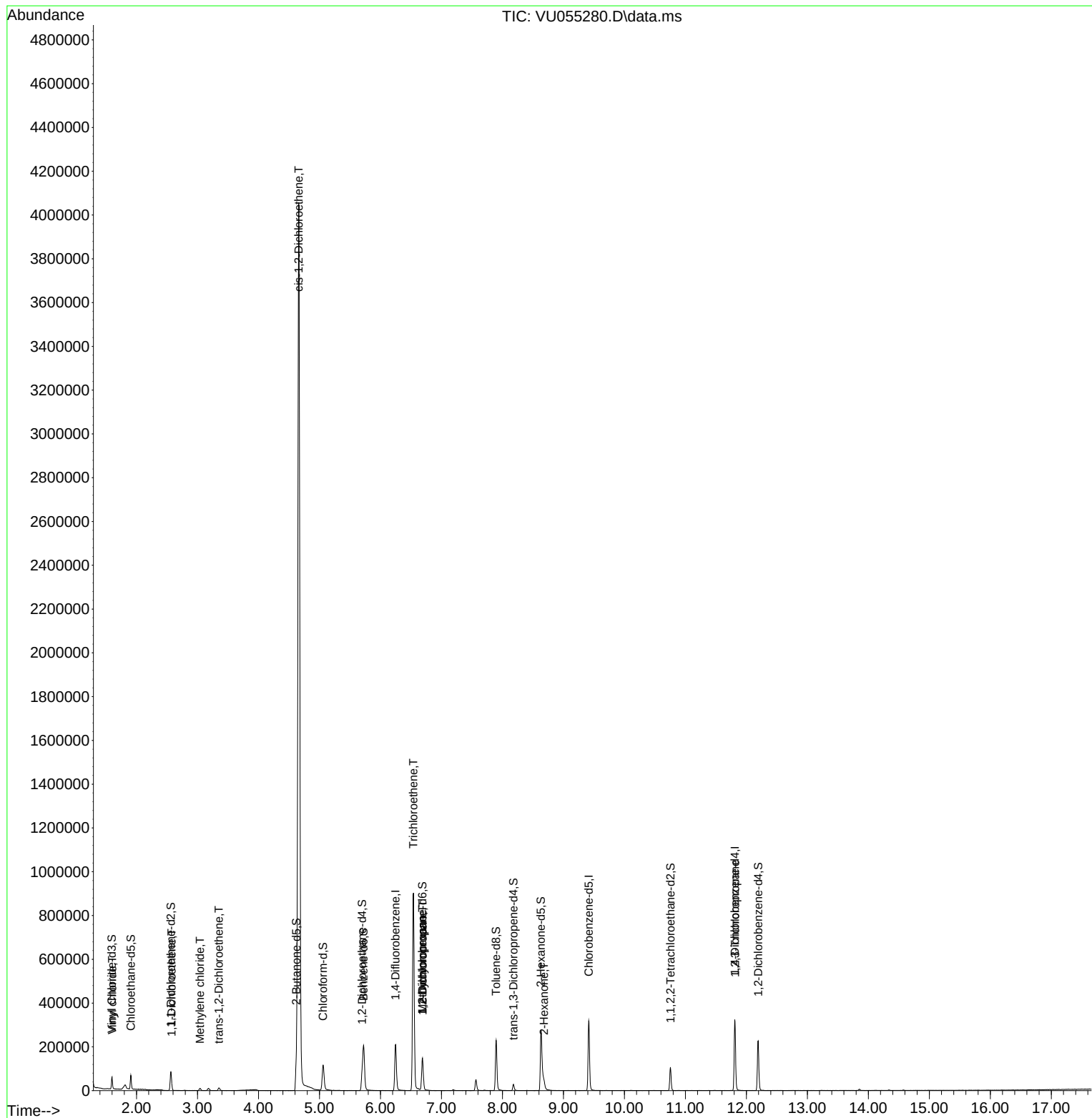
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	171744	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	175684	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	82187	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	26525	3.295	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	66.000%	
7) Chloroethane-d5	1.907	69	42015	4.509	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.200%	
11) 1,1-Dichloroethene-d2	2.563	65	16397	3.575	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.600%	
20) 2-Butanone-d5	4.621	46	158308	67.773	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	135.540%#	
24) Chloroform-d	5.058	84	104790	4.906	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.200%	
26) 1,2-Dichloroethane-d4	5.698	65	58847	5.507	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	110.200%	
32) Benzene-d6	5.724	84	192064	4.429	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.600%	
36) 1,2-Dichloropropane-d6	6.688	67	68723	4.982	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.600%	
41) Toluene-d8	7.897	98	154500	3.868	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.400%	
43) trans-1,3-Dichloroprop...	8.180	79	15842	4.171	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.400%	
46) 2-Hexanone-d5	8.631	63	85801	55.640	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	111.280%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	51853	5.346	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.000%	
66) 1,2-Dichlorobenzene-d4	12.193	152	57509	4.794	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.800%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	14069	1.313	ug/L	96
12) 1,1-Dichloroethene	2.576	96	2102	0.265	ug/L #	1
16) Methylene chloride	3.039	84	4548	0.375	ug/L	90
18) trans-1,2-Dichloroethene	3.351	96	5579	0.693	ug/L	85
22) cis-1,2-Dichloroethene	4.660	96	2081156	211.047	ug/L	94
34) Trichloroethene	6.541	95	307746	29.615	ug/L	97
35) Methylcyclohexane	6.688	83	15899	1.090	ug/L #	19
37) 1,2-Dichloropropane	6.692	63	7827	0.769	ug/L #	90
48) 2-Hexanone	8.682	43	24943	5.484	ug/L #	86
61) 1,2,3-Trichloropropane	11.814	75	11287	2.069	ug/L #	71

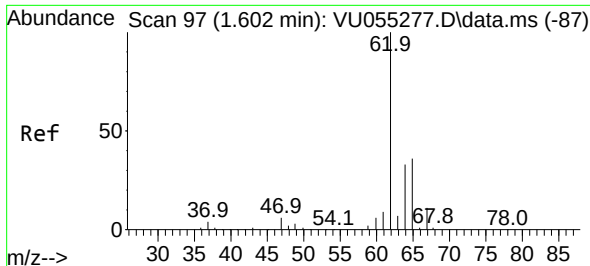
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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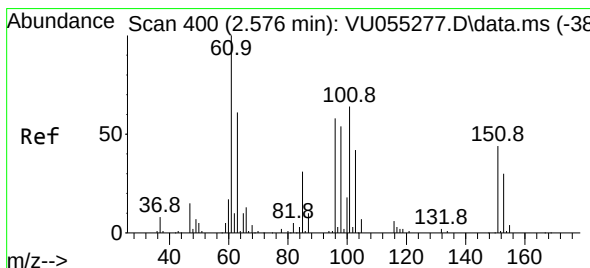
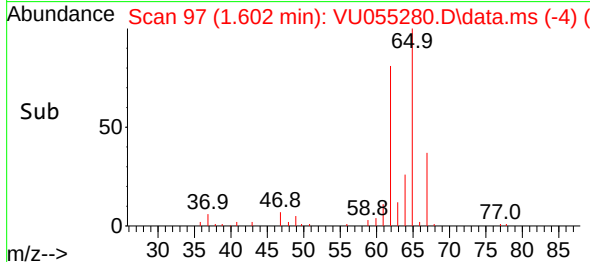
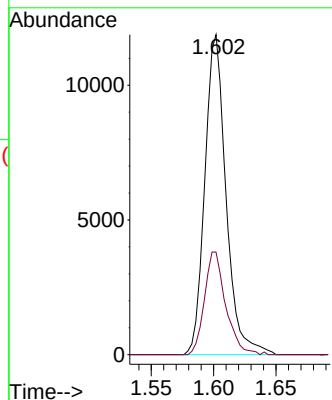
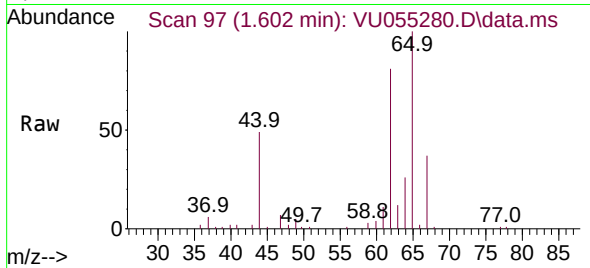




#5
 Vinyl chloride
 Concen: 1.313 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055280.D
 Acq: 13 Sep 2023 13:18

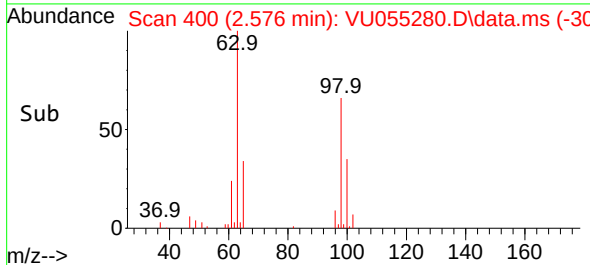
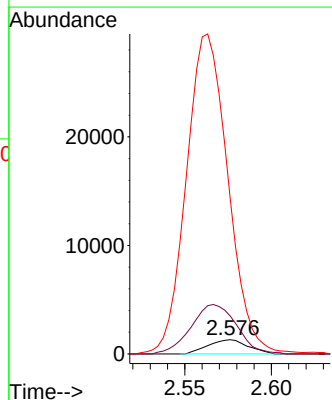
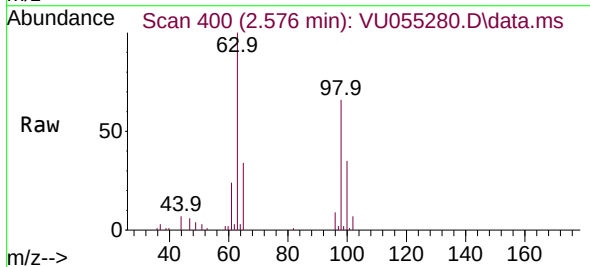
Instrument :
 MSVOA_U
 ClientSampleId :

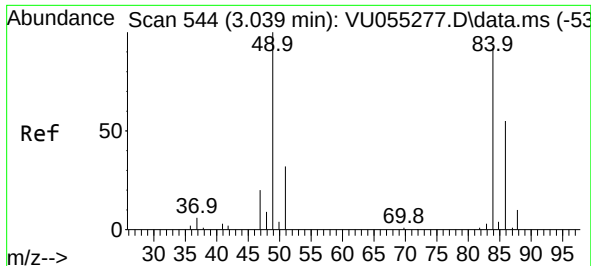
Tgt Ion: 62 Resp: 14069
 Ion Ratio Lower Upper
 62 100
 64 32.1 24.2 45.0



#12
 1,1-Dichloroethene
 Concen: 0.265 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU055280.D
 Acq: 13 Sep 2023 13:18

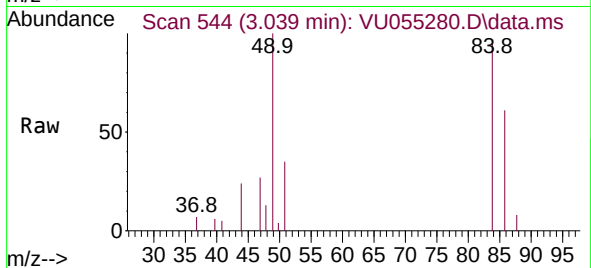
Tgt Ion: 96 Resp: 2102
 Ion Ratio Lower Upper
 96 100
 61 267.6 120.8 224.4#
 63 1096.3 94.5 175.5#





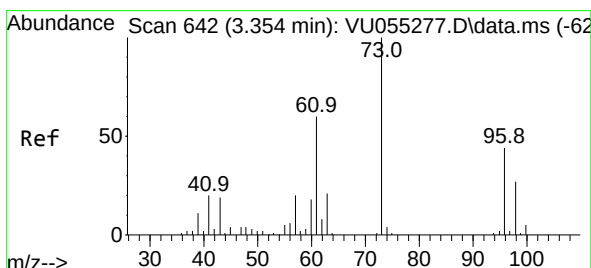
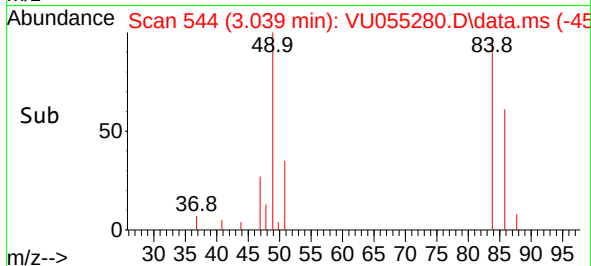
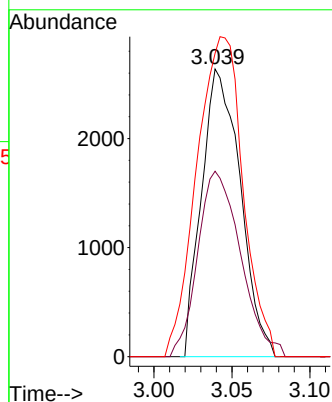
#16
Methylene chloride
Concen: 0.375 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU055280.D
Acq: 13 Sep 2023 13:18

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 4548

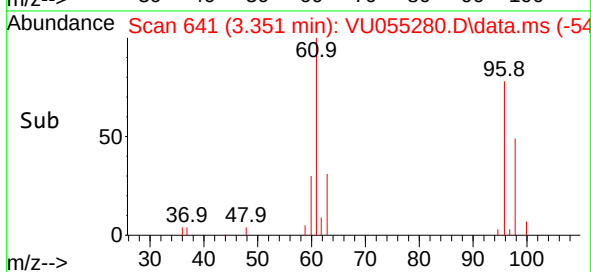
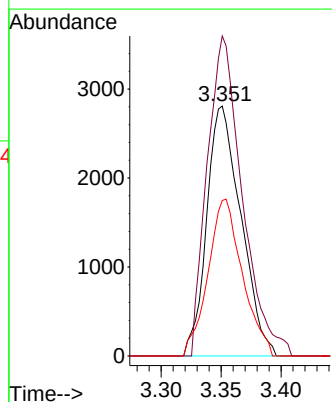
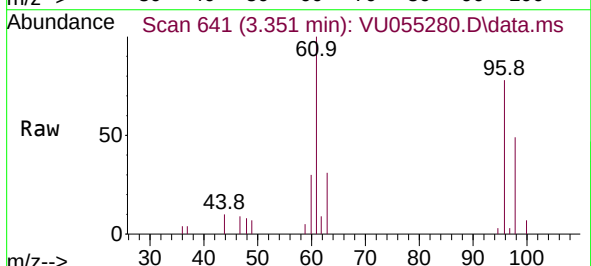
Ion	Ratio	Lower	Upper
84	100		
86	64.4	43.4	80.6
49	109.3	87.7	162.9

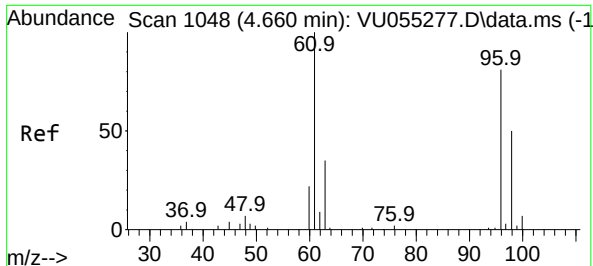


#18
trans-1,2-Dichloroethene
Concen: 0.693 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU055280.D
Acq: 13 Sep 2023 13:18

Tgt Ion: 96 Resp: 5579

Ion	Ratio	Lower	Upper
96	100		
61	128.0	108.1	200.9
98	62.2	45.4	84.4

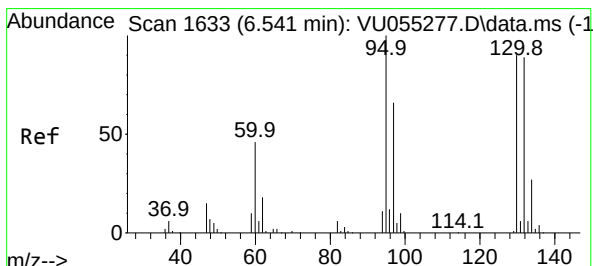
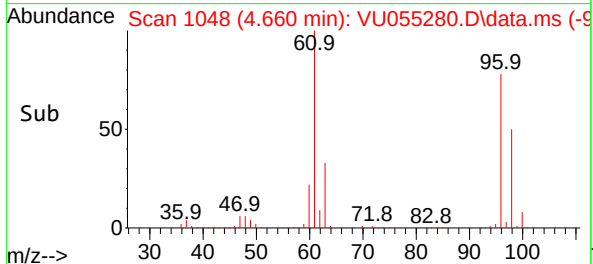
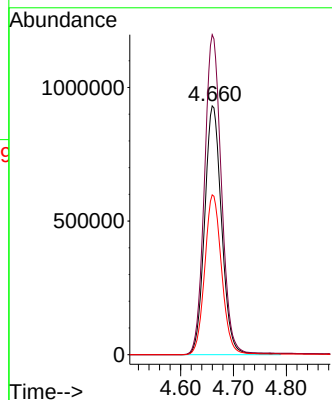
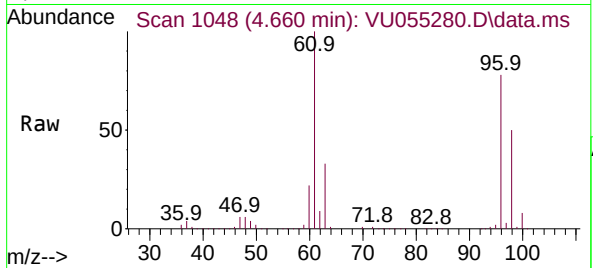




#22
cis-1,2-Dichloroethene
Concen: 211.047 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU055280.D
Acq: 13 Sep 2023 13:18

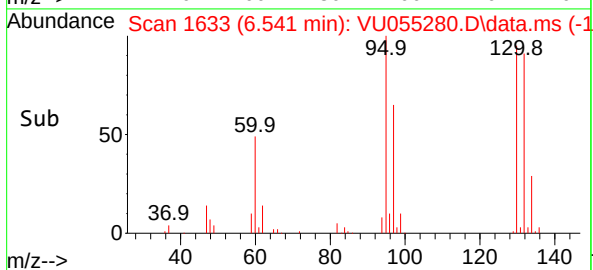
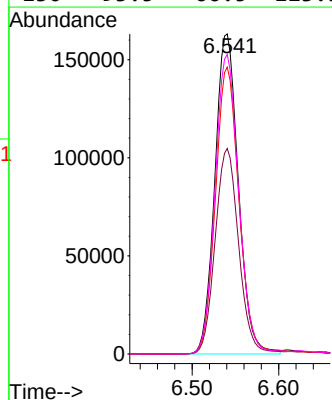
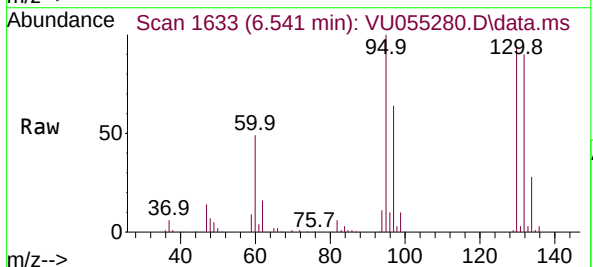
Instrument :
MSVOA_U
ClientSampleId :

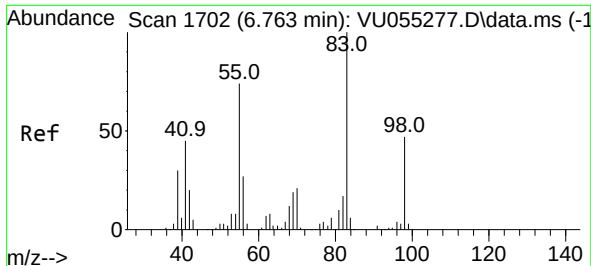
Tgt Ion: 96 Resp: 2081156
Ion Ratio Lower Upper
96 100
61 128.6 97.2 180.4
98 64.3 46.1 85.7



#34
Trichloroethene
Concen: 29.615 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU055280.D
Acq: 13 Sep 2023 13:18

Tgt Ion: 95 Resp: 307746
Ion Ratio Lower Upper
95 100
97 64.2 44.7 83.1
132 89.6 66.6 123.6
130 93.5 66.5 123.5

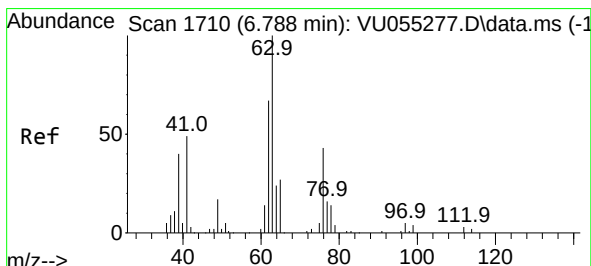
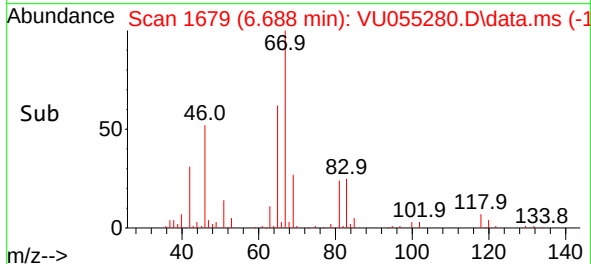
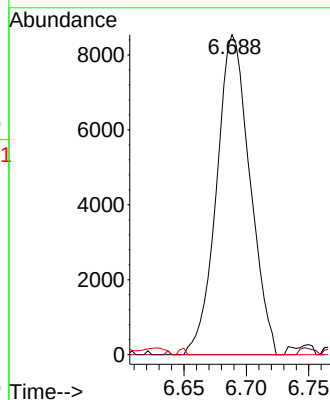
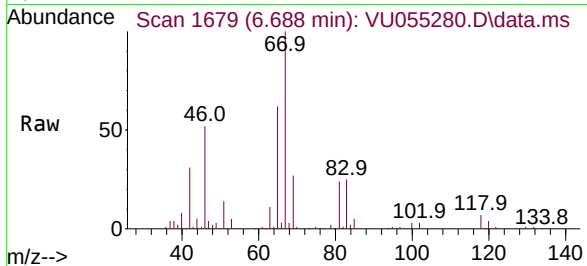




#35
Methylcyclohexane
Concen: 1.090 ug/L
RT: 6.688 min Scan# 1680
Delta R.T. -0.074 min
Lab File: VU055280.D
Acq: 13 Sep 2023 13:18

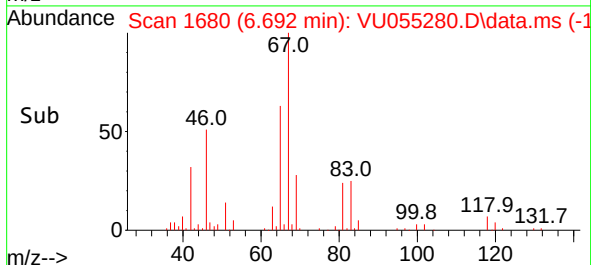
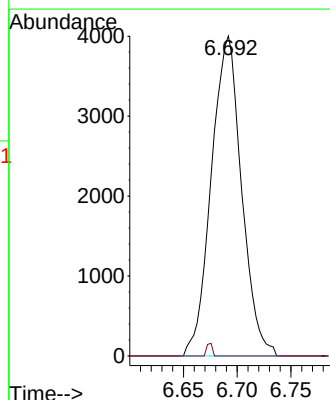
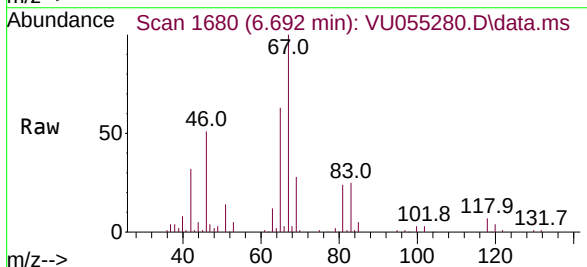
Instrument :
MSVOA_U
ClientSampleId :

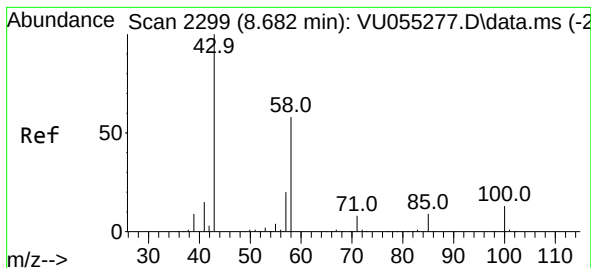
Tgt Ion: 83 Resp: 15899
Ion Ratio Lower Upper
83 100
55 0.1 60.4 90.6#
98 0.0 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.769 ug/L
RT: 6.692 min Scan# 1680
Delta R.T. -0.097 min
Lab File: VU055280.D
Acq: 13 Sep 2023 13:18

Tgt Ion: 63 Resp: 7827
Ion Ratio Lower Upper
63 100
112 0.7 3.2 4.8#





#48

2-Hexanone

Concen: 5.484 ug/L

RT: 8.682 min Scan# 21

Delta R.T. -0.000 min MSVOA_U

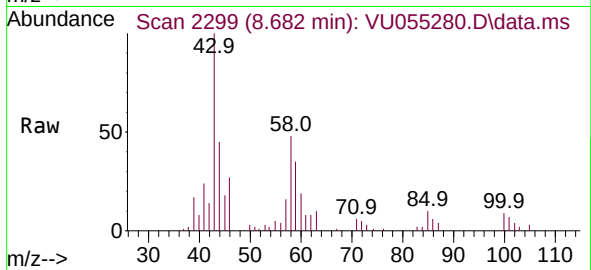
Lab File: VU055280.D

Acq: 13 Sep 2023 13:18

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 24943

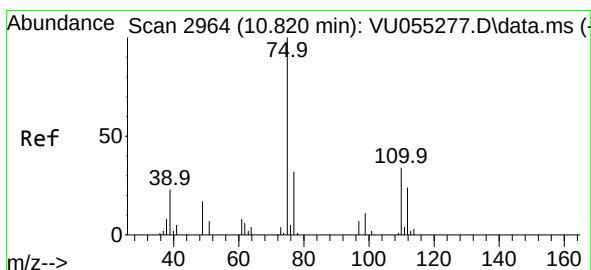
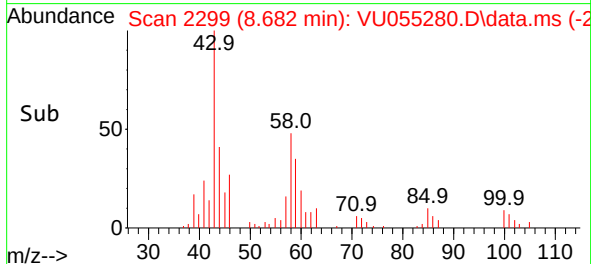
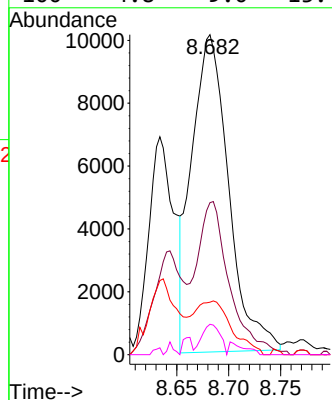
Ion Ratio Lower Upper

43 100

58 42.8 44.0 66.0#

57 17.5 16.2 24.2

100 4.8 9.0 13.4#



#61

1,2,3-Trichloropropane

Concen: 2.069 ug/L

RT: 11.814 min Scan# 3273

Delta R.T. 0.993 min

Lab File: VU055280.D

Acq: 13 Sep 2023 13:18

Tgt Ion: 75 Resp: 11287

Ion Ratio Lower Upper

75 100

110 2.2 28.2 42.2#

77 32.8 26.2 39.4

