

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091323\
 Data File : VU055288.D
 Acq On : 13 Sep 2023 16:41
 Operator : MD/SY
 Sample : 04307-04DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 14 05:06:28 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)

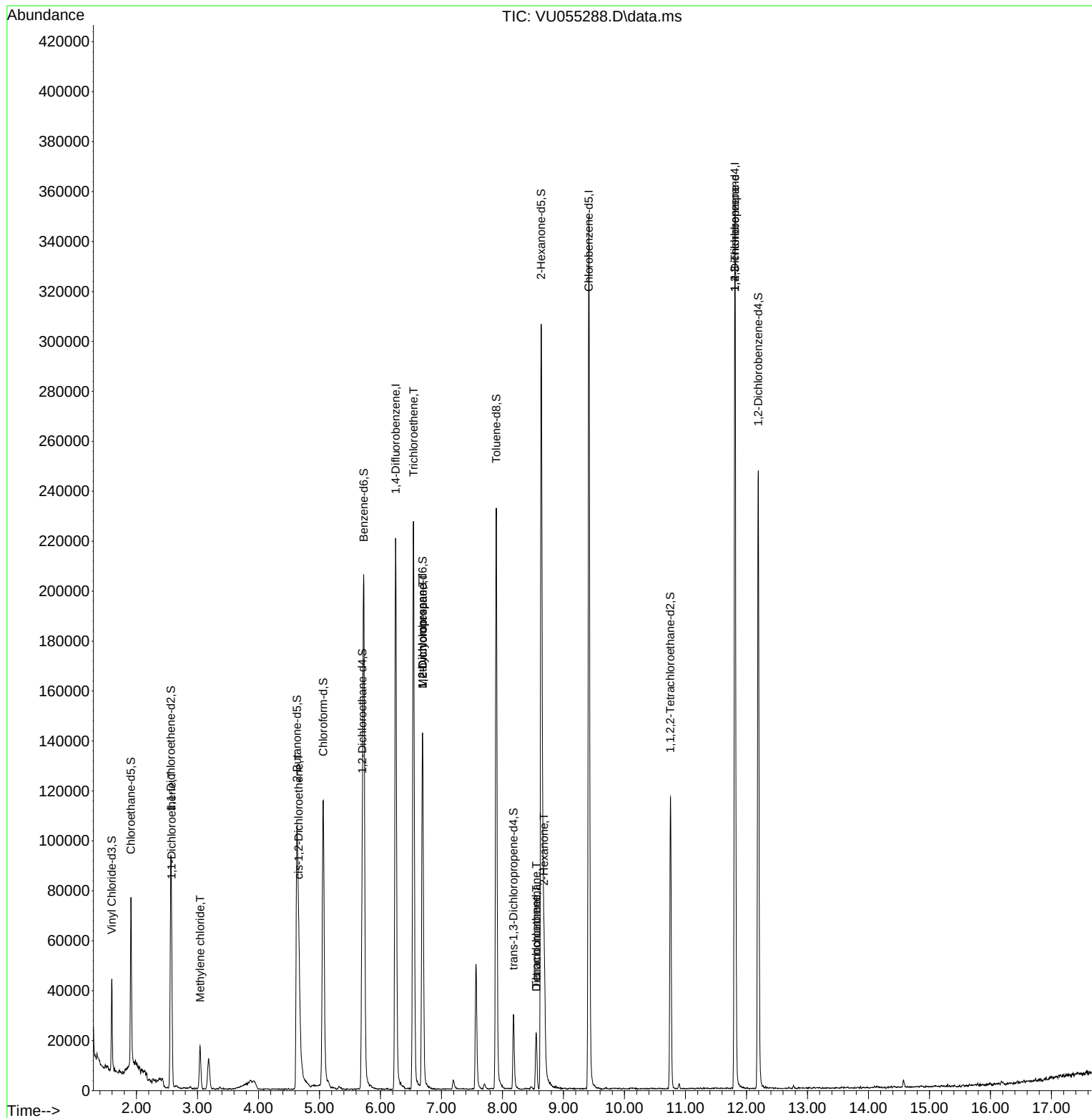
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	177487	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	194111	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	92346	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	25726	3.093	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	61.800%	
7) Chloroethane-d5	1.908	69	46240	4.802	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.000%	
11) 1,1-Dichloroethene-d2	2.564	65	14470	3.053	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	61.000%	
20) 2-Butanone-d5	4.631	46	169584	70.251	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	140.500%#	
24) Chloroform-d	5.062	84	107025	4.849	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
26) 1,2-Dichloroethane-d4	5.702	65	59082	5.350	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.000%	
32) Benzene-d6	5.727	84	190950	3.985	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.800%	
36) 1,2-Dichloropropane-d6	6.689	67	70616	4.634	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.600%	
41) Toluene-d8	7.898	98	159021	3.603	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.000%	
43) trans-1,3-Dichloroprop...	8.181	79	16810	4.005	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.200%	
46) 2-Hexanone-d5	8.634	63	98873	58.030	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	116.060%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	58065	5.418	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.400%	
66) 1,2-Dichlorobenzene-d4	12.193	152	63992	4.747	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.000%	
Target Compounds						
12) 1,1-Dichloroethene	2.576	96	10769	1.312	ug/L #	51
16) Methylene chloride	3.043	84	8228	0.656	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	9445	0.927	ug/L	94
34) Trichloroethene	6.541	95	77140	6.719	ug/L	95
35) Methylcyclohexane	6.689	83	16455	1.021	ug/L #	21
37) 1,2-Dichloropropane	6.689	63	8174	0.727	ug/L #	88
47) Tetrachloroethene	8.554	164	4962	0.625	ug/L	99
48) 2-Hexanone	8.682	43	31120	6.193	ug/L #	89
49) Dibromochloromethane	8.557	129	4730	0.572	ug/L #	9
61) 1,2,3-Trichloropropane	11.811	75	12254	2.000	ug/L #	71

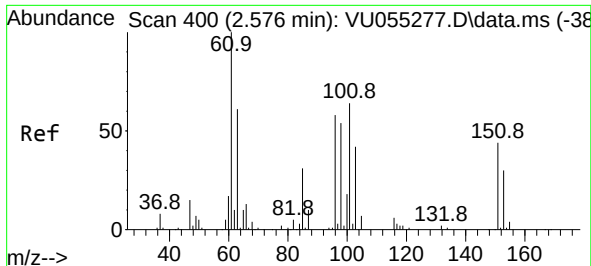
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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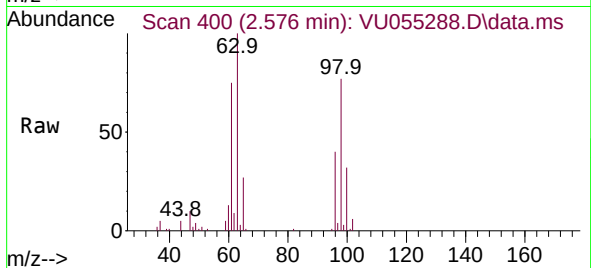
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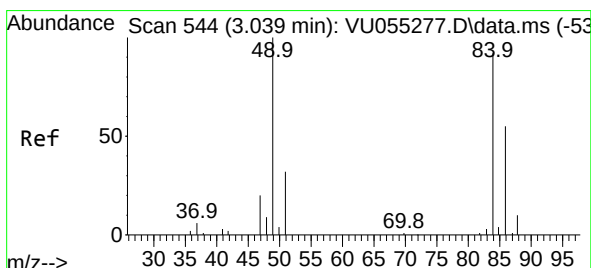
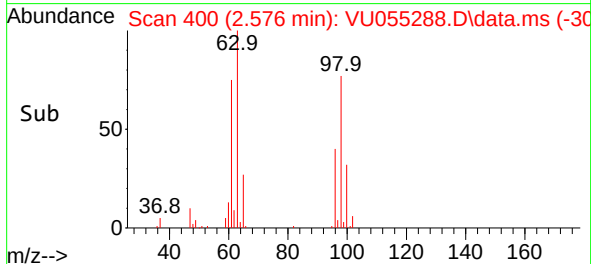
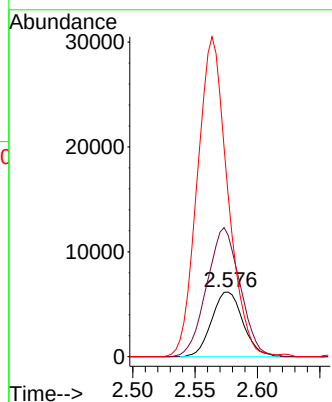


#12
1,1-Dichloroethene
Concen: 1.312 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU055288.D
Acq: 13 Sep 2023 16:41

Instrument :
MSVOA_U
ClientSampleId :

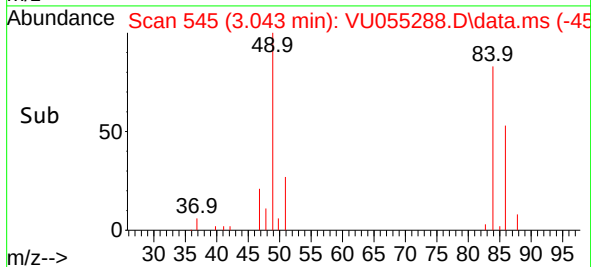
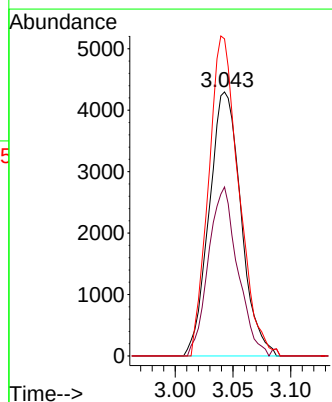
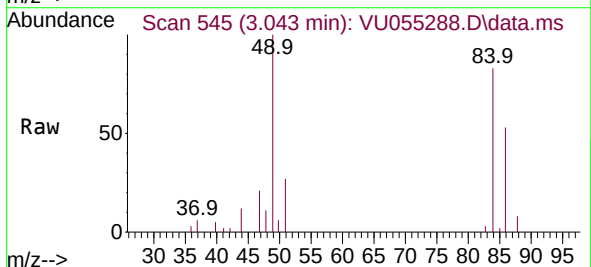


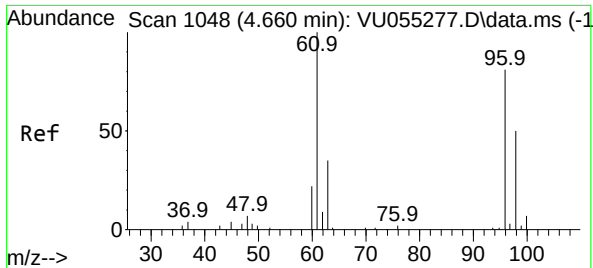
Tgt Ion: 96 Resp: 10769
Ion Ratio Lower Upper
96 100
61 188.4 120.8 224.4
63 251.8 94.5 175.5#



#16
Methylene chloride
Concen: 0.656 ug/L
RT: 3.043 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU055288.D
Acq: 13 Sep 2023 16:41

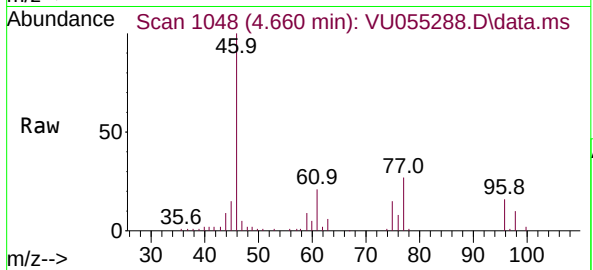
Tgt Ion: 84 Resp: 8228
Ion Ratio Lower Upper
84 100
86 64.0 43.4 80.6
49 127.3 87.7 162.9



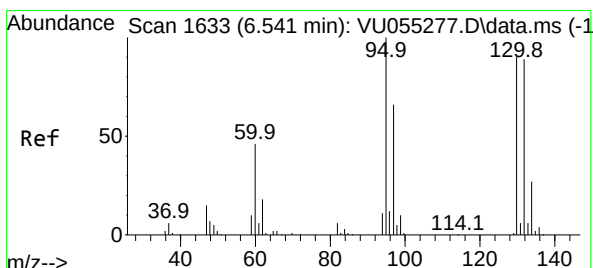
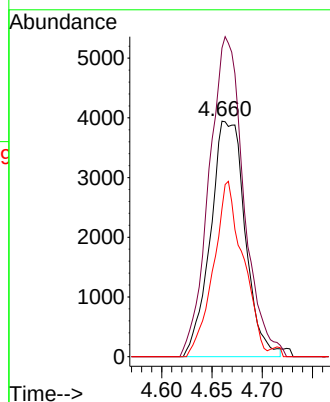
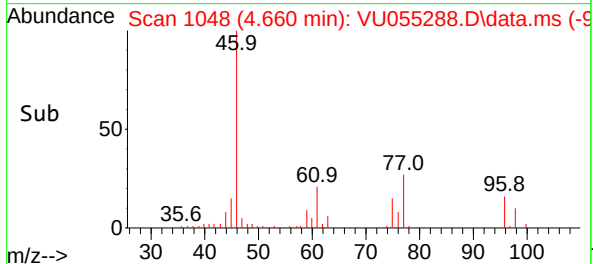


#22
cis-1,2-Dichloroethene
Concen: 0.927 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU055288.D
Acq: 13 Sep 2023 16:41

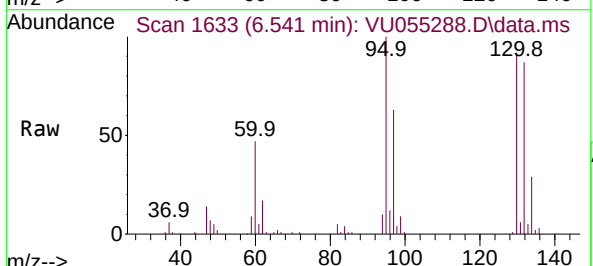
Instrument :
MSVOA_U
ClientSampleId :



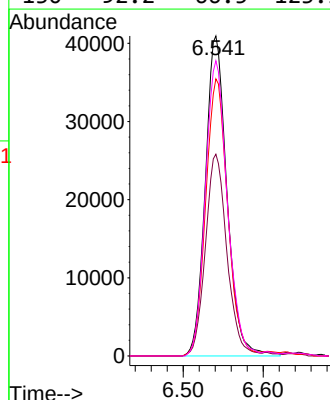
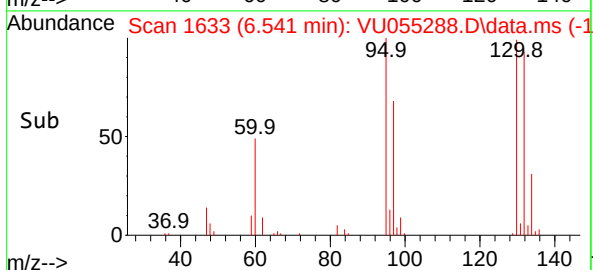
Tgt Ion: 96 Resp: 9445
Ion Ratio Lower Upper
96 100
61 131.1 97.2 180.4
98 62.8 46.1 85.7

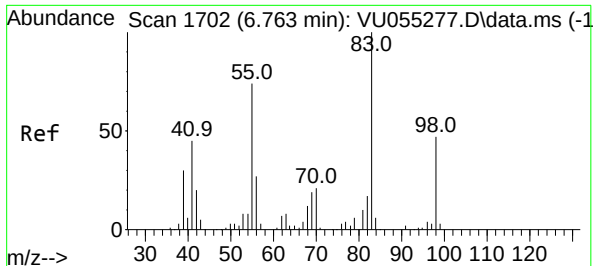


#34
Trichloroethene
Concen: 6.719 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VU055288.D
Acq: 13 Sep 2023 16:41



Tgt Ion: 95 Resp: 77140
Ion Ratio Lower Upper
95 100
97 63.1 44.7 83.1
132 86.6 66.6 123.6
130 92.2 66.5 123.5





#35

Methylcyclohexane

Concen: 1.021 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU055288.D

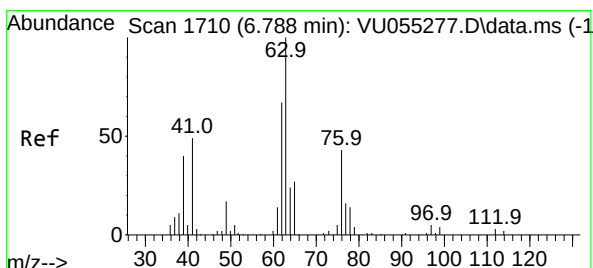
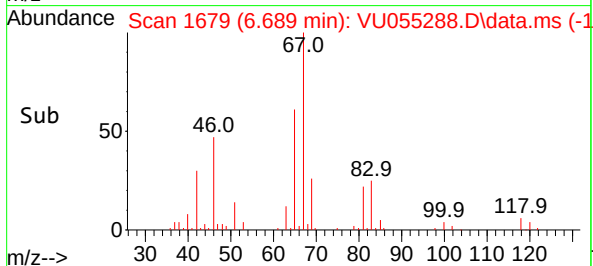
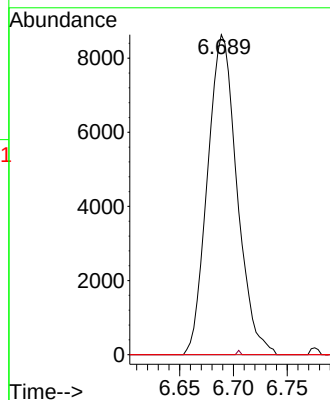
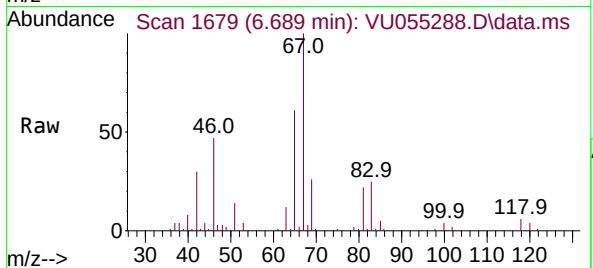
Acq: 13 Sep 2023 16:41

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 16455
Ion Ratio	Lower Upper
83	100
55	0.1 60.4 90.6#
98	2.4 35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.727 ug/L

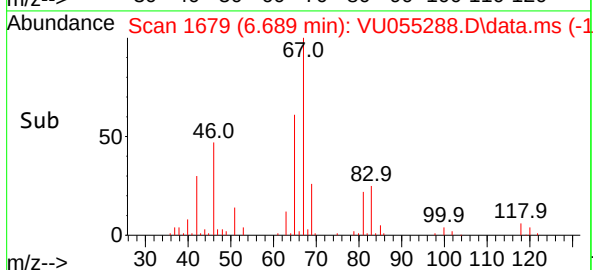
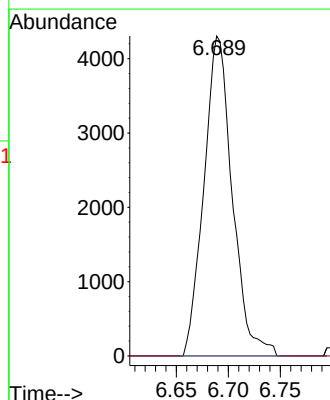
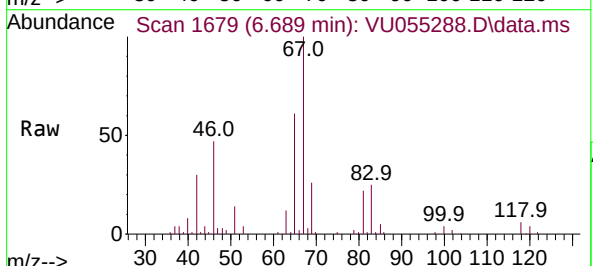
RT: 6.689 min Scan# 1679

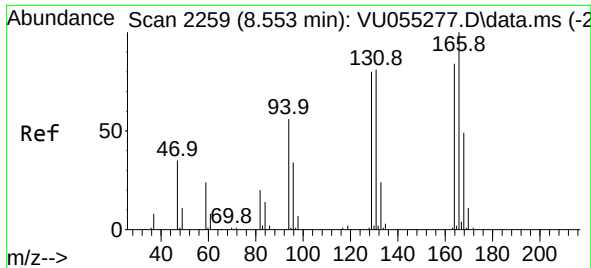
Delta R.T. -0.099 min

Lab File: VU055288.D

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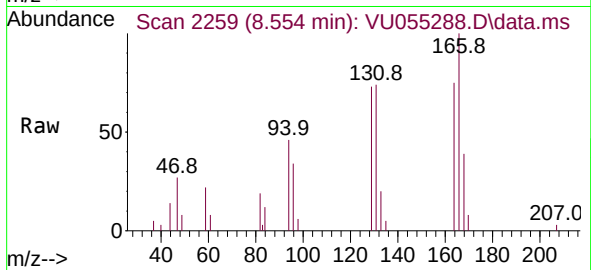
Tgt Ion: 63	Resp: 8174
Ion Ratio	Lower Upper
63	100
112	0.0 3.2 4.8#



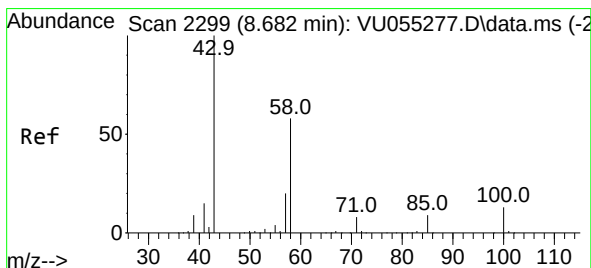
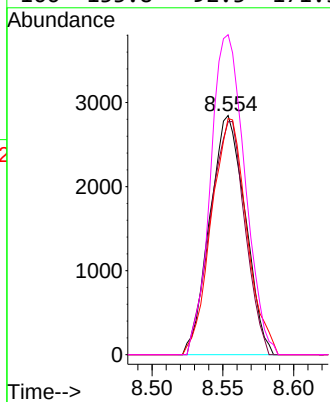
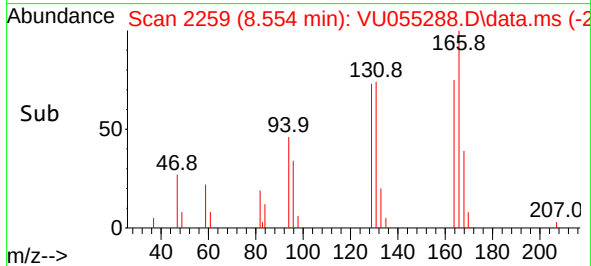


#47
Tetrachloroethene
Concen: 0.625 ug/L
RT: 8.554 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055288.D
Acq: 13 Sep 2023 16:41

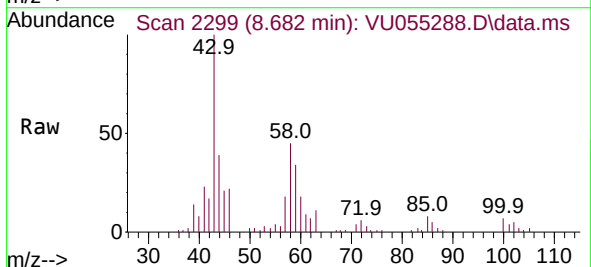
Instrument :
MSVOA_U
ClientSampleId :



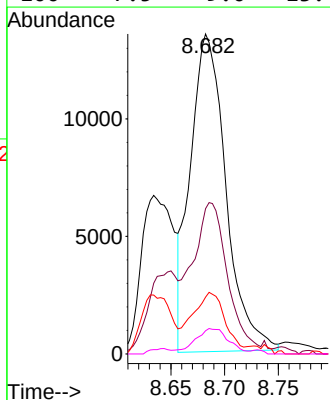
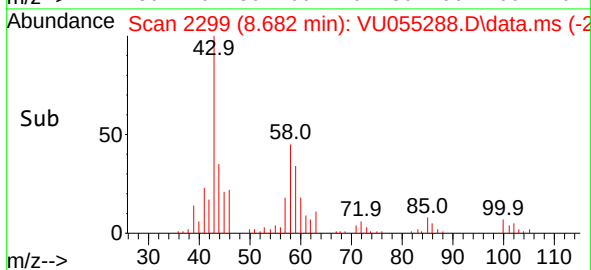
Tgt Ion:164 Resp: 4962
Ion Ratio Lower Upper
164 100
129 97.4 69.2 128.6
131 98.7 68.8 127.8
166 133.8 92.3 171.5

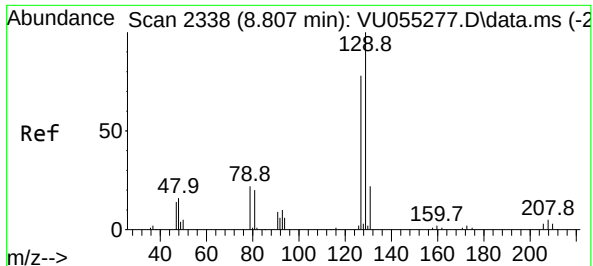


#48
2-Hexanone
Concen: 6.193 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU055288.D
Acq: 13 Sep 2023 16:41



Tgt Ion: 43 Resp: 31120
Ion Ratio Lower Upper
43 100
58 46.6 44.0 66.0
57 15.9 16.2 24.2#
100 7.5 9.0 13.4#





#49

Dibromochloromethane

Concen: 0.572 ug/L

RT: 8.557 min Scan# 21

Delta R.T. -0.251 min

Lab File: VU055288.D

Acq: 13 Sep 2023 16:41

Instrument :

MSVOA_U

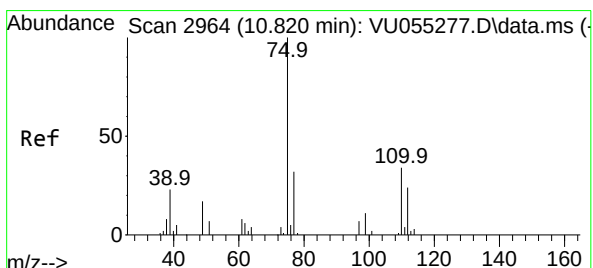
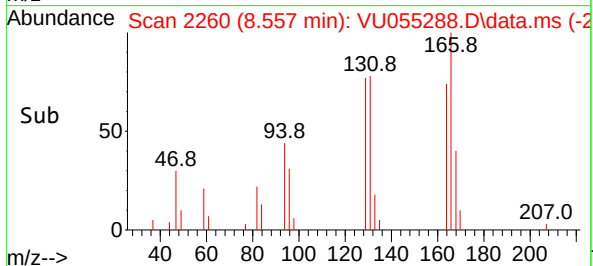
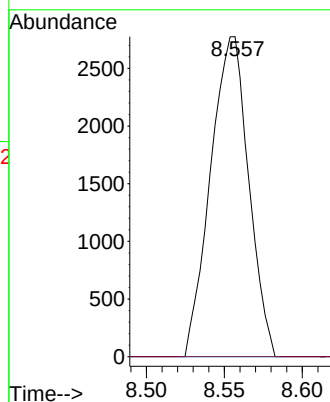
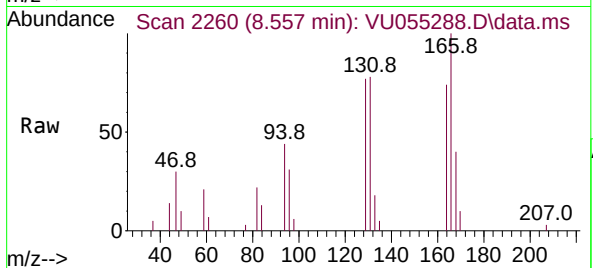
ClientSampleId :

Tgt Ion:129 Resp: 4730

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 2.000 ug/L

RT: 11.811 min Scan# 3272

Delta R.T. 0.991 min

Lab File: VU055288.D

Acq: 13 Sep 2023 16:41

Tgt Ion: 75 Resp: 12254

Ion Ratio Lower Upper

75 100

110 2.5 28.2 42.2#

77 33.1 26.2 39.4

