

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055221.D
 Acq On : 08 Sep 2023 05:43
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 08 06:41:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 08 06:18:43 2023
 Response via : Initial Calibration

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

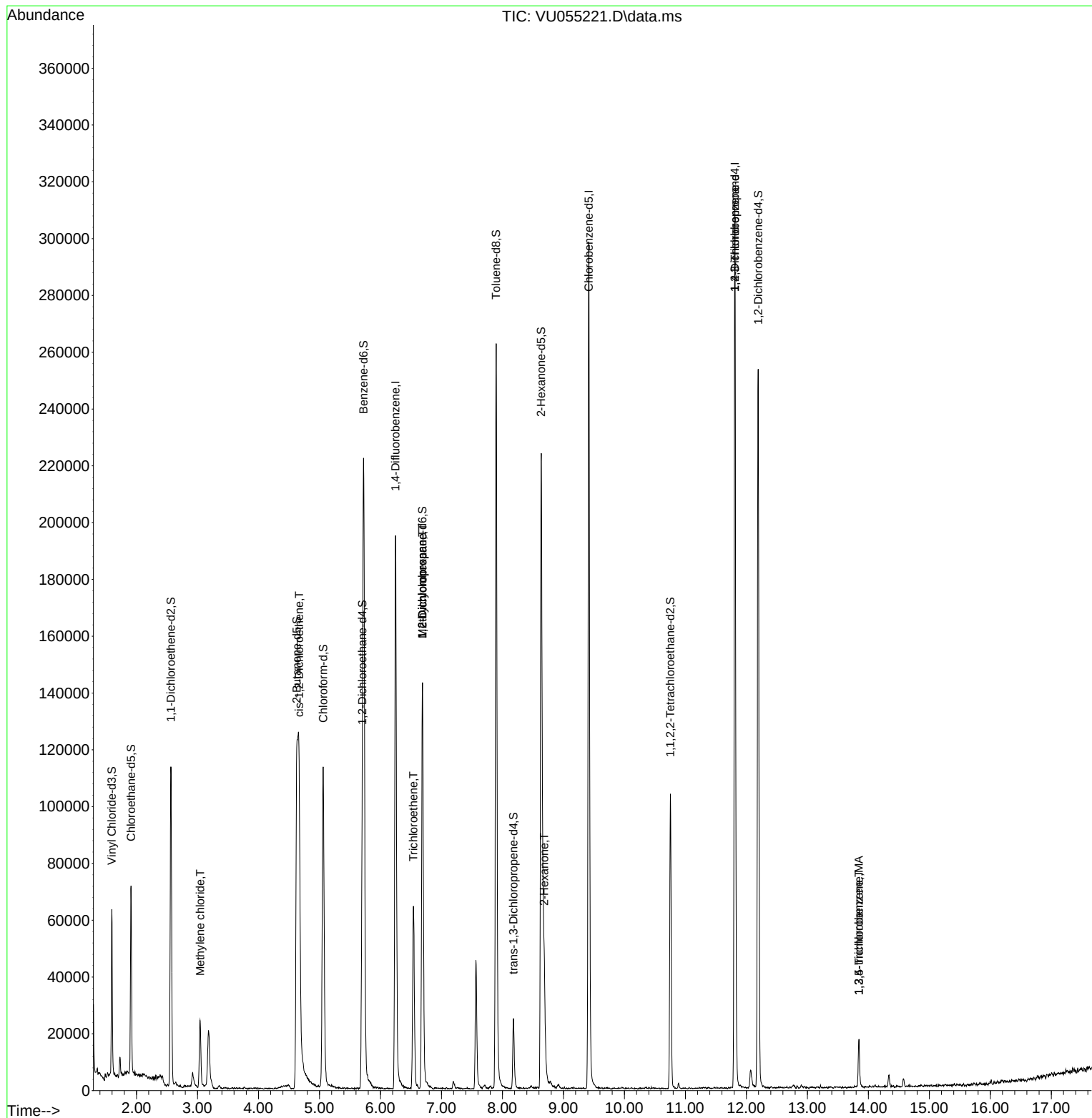
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	154526	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	161976	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	77808	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	39826	5.499	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 110.000%		
7) Chloroethane-d5	1.911	69	44513	5.310	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 106.200%		
11) 1,1-Dichloroethene-d2	2.563	65	22184	5.376	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 107.600%		
20) 2-Butanone-d5	4.627	46	136581	64.987	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 129.980%		
24) Chloroform-d	5.062	84	105208	5.474	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 109.400%		
26) 1,2-Dichloroethane-d4	5.701	65	56154	5.840	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 116.800%		
32) Benzene-d6	5.724	84	203390	5.087	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.800%		
36) 1,2-Dichloropropane-d6	6.688	67	66990	5.268	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 105.400%		
41) Toluene-d8	7.897	98	175566	4.767	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 95.400%		
43) trans-1,3-Dichloroprop...	8.180	79	14839	4.237	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 84.800%		
46) 2-Hexanone-d5	8.634	63	68414	48.119	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 96.240%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	49925	5.582	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 111.600%		
66) 1,2-Dichlorobenzene-d4	12.193	152	61298	5.397	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 108.000%		
Target Compounds						
					Qvalue	
16) Methylene chloride	3.042	84	10481	0.960	ug/L	99
22) cis-1,2-Dichloroethene	4.666	96	41323	4.657	ug/L	97
34) Trichloroethene	6.541	95	21613	2.256	ug/L	98
35) Methylcyclohexane	6.688	83	15660	1.165	ug/L #	25
37) 1,2-Dichloropropane	6.688	63	7699	0.820	ug/L #	88
48) 2-Hexanone	8.685	43	23523	5.609	ug/L	92
61) 1,2,3-Trichloropropane	11.810	75	12081	2.340	ug/L #	70
69) 1,3,5-Trichlorobenzene	13.846	180	4875	0.370	ug/L #	95
70) 1,2,4-trichlorobenzene	13.846	180	4875	0.395	ug/L	95

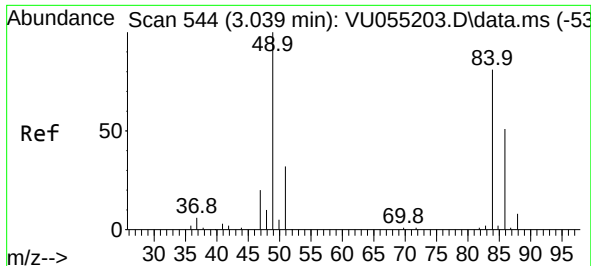
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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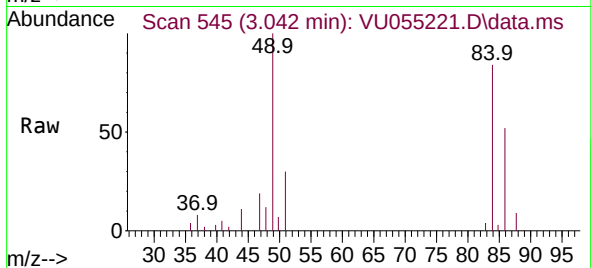
Quant Time: Sep 08 06:41:38 2023
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Quant Title : TRACE VOA SFAM1.0
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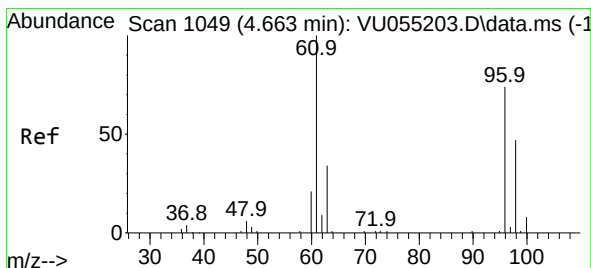
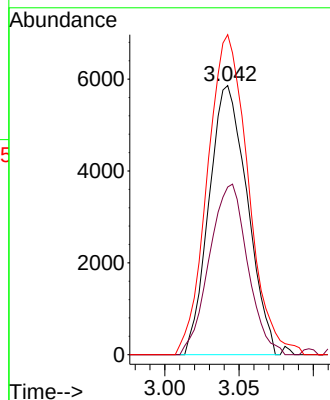
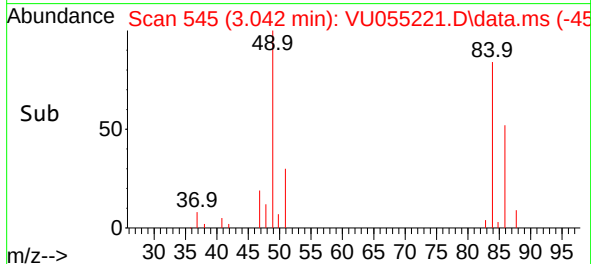


#16
Methylene chloride
Concen: 0.960 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU055221.D
Acq: 08 Sep 2023 05:43

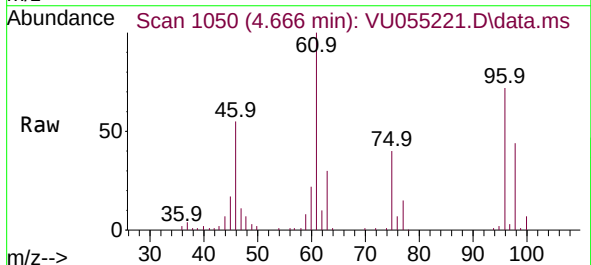
Instrument :
MSVOA_U
ClientSampleId :



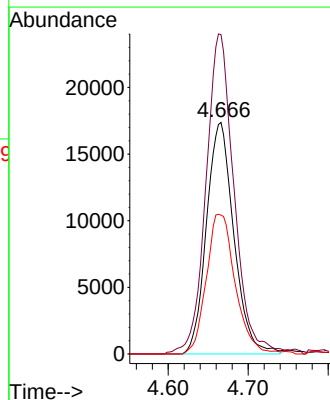
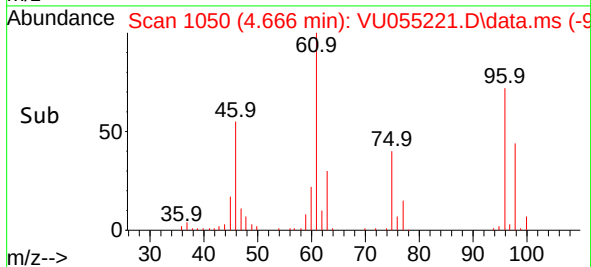
Tgt Ion: 84 Resp: 10481
Ion Ratio Lower Upper
84 100
86 62.3 43.4 80.6
49 127.4 87.7 162.9

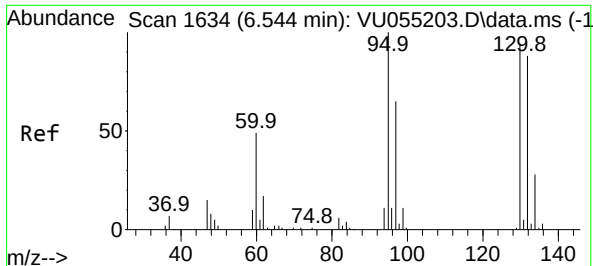


#22
cis-1,2-Dichloroethene
Concen: 4.657 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU055221.D
Acq: 08 Sep 2023 05:43



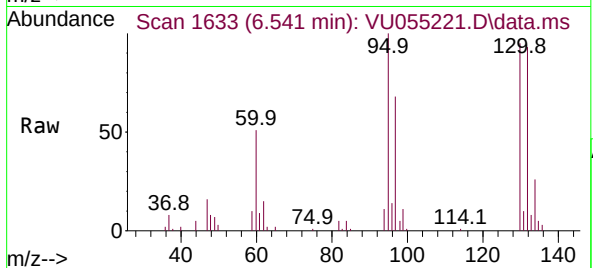
Tgt Ion: 96 Resp: 41323
Ion Ratio Lower Upper
96 100
61 137.9 97.2 180.4
98 60.0 46.1 85.7





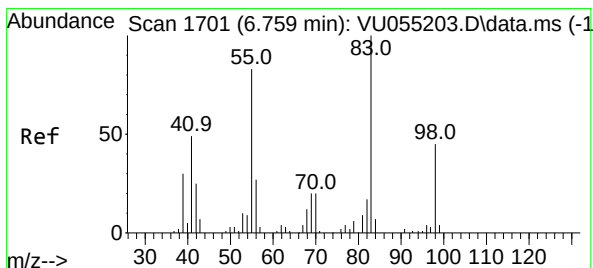
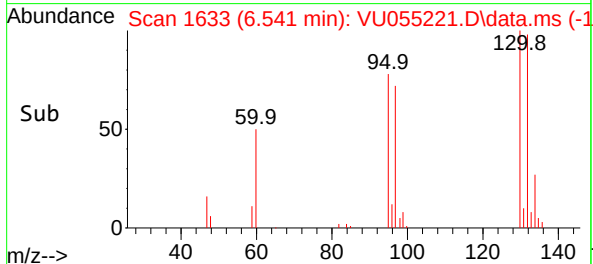
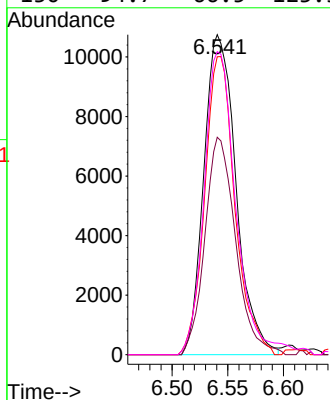
#34
Trichloroethene
Concen: 2.256 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.003 min
Lab File: VU055221.D
Acq: 08 Sep 2023 05:43

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 21613

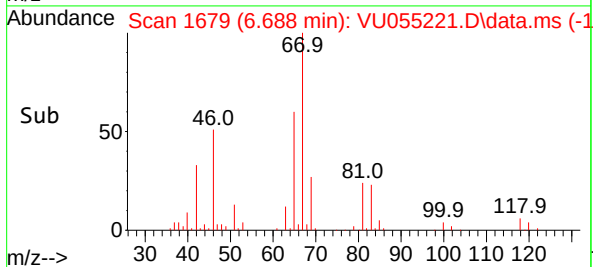
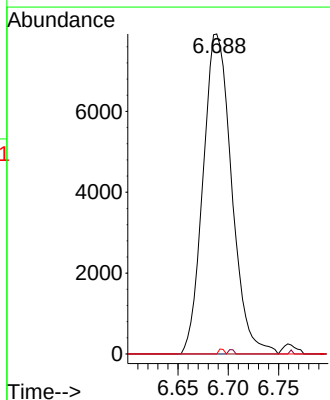
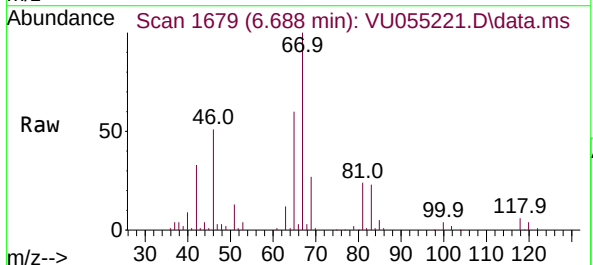
Ion	Ratio	Lower	Upper
95	100		
97	68.0	44.7	83.1
132	93.1	66.6	123.6
130	94.7	66.5	123.5

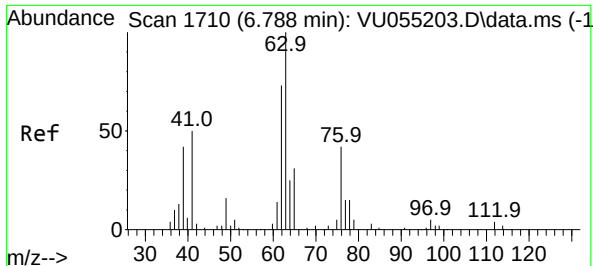


#35
Methylcyclohexane
Concen: 1.165 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055221.D
Acq: 08 Sep 2023 05:43

Tgt Ion: 83 Resp: 15660

Ion	Ratio	Lower	Upper
83	100		
55	0.3	60.4	90.6#
98	10.7	35.3	52.9#





#37

1,2-Dichloropropane

Concen: 0.820 ug/L

RT: 6.688 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU055221.D

Acq: 08 Sep 2023 05:43

Instrument :

MSVOA_U

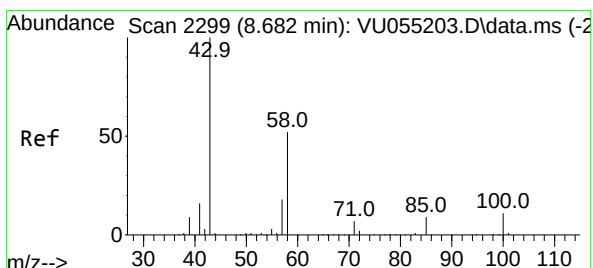
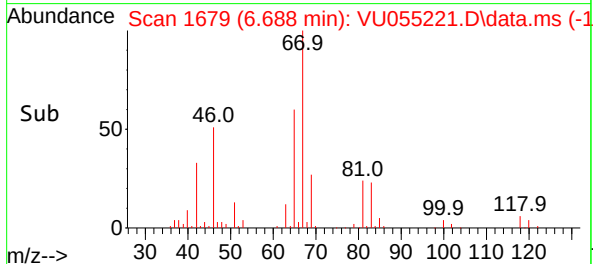
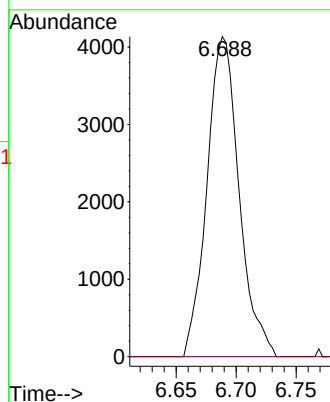
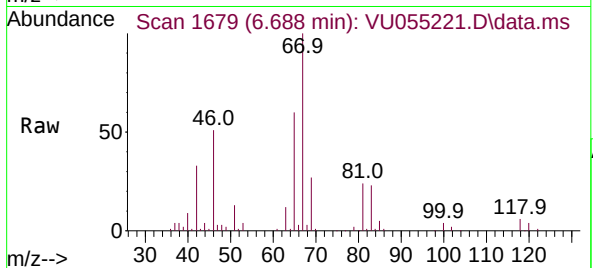
ClientSampleId :

Tgt Ion: 63 Resp: 7699

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#48

2-Hexanone

Concen: 5.609 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU055221.D

Acq: 08 Sep 2023 05:43

Tgt Ion: 43 Resp: 23523

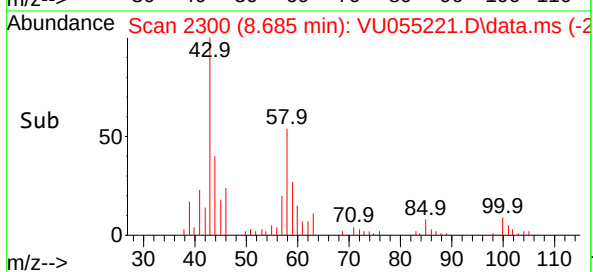
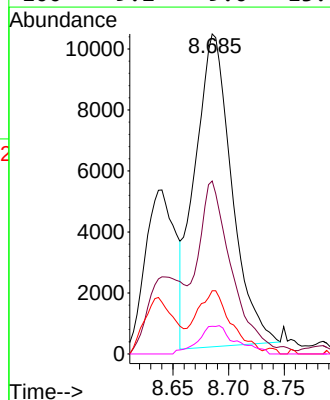
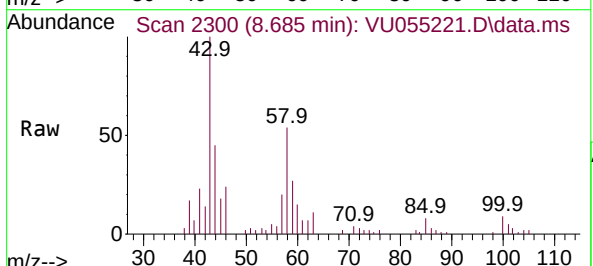
Ion Ratio Lower Upper

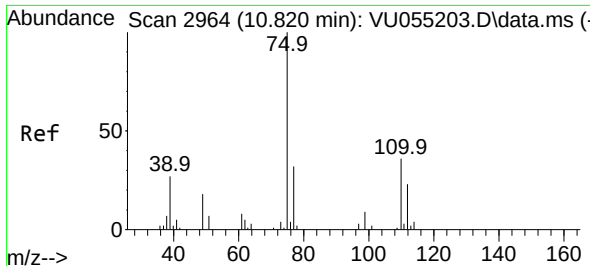
43 100

58 47.3 44.0 66.0

57 19.4 16.2 24.2

100 9.2 9.0 13.4

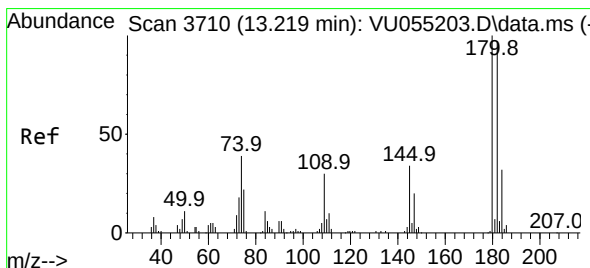
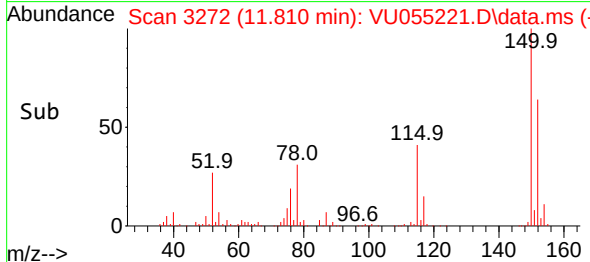
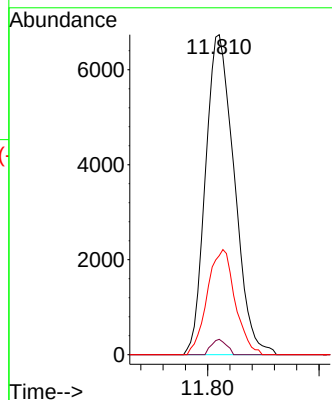
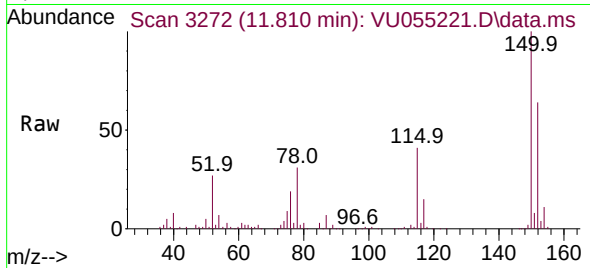




#61
1,2,3-Trichloropropane
Concen: 2.340 ug/L
RT: 11.810 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU055221.D
Acq: 08 Sep 2023 05:43

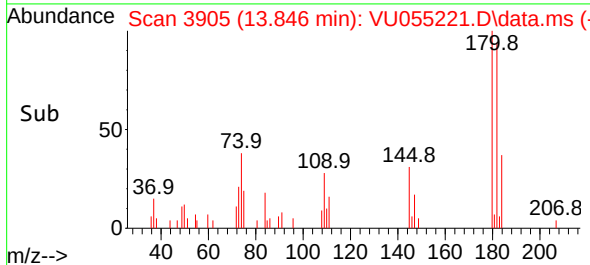
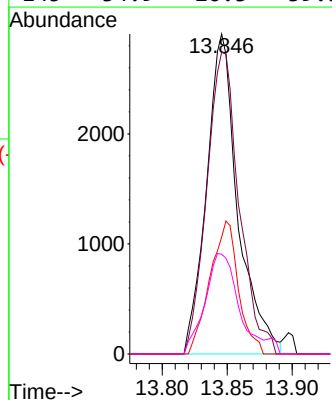
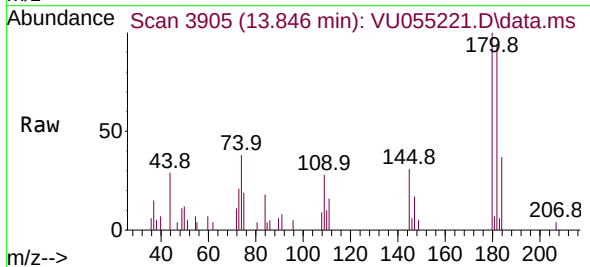
Instrument :
MSVOA_U
ClientSampleId :

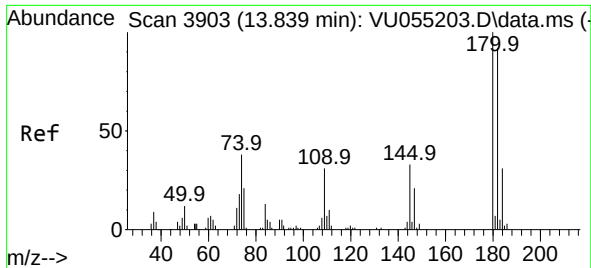
Tgt Ion: 75 Resp: 12081
Ion Ratio Lower Upper
75 100
110 2.5 28.2 42.2#
77 31.7 26.2 39.4



#69
1,3,5-Trichlorobenzene
Concen: 0.370 ug/L
RT: 13.846 min Scan# 3905
Delta R.T. 0.627 min
Lab File: VU055221.D
Acq: 08 Sep 2023 05:43

Tgt Ion:180 Resp: 4875
Ion Ratio Lower Upper
180 100
182 97.5 75.8 113.6
184 37.6 24.0 36.0#
145 34.9 26.3 39.5





#70

1,2,4-trichlorobenzene

Concen: 0.395 ug/L

RT: 13.846 min Scan# 3905

Delta R.T. 0.006 min

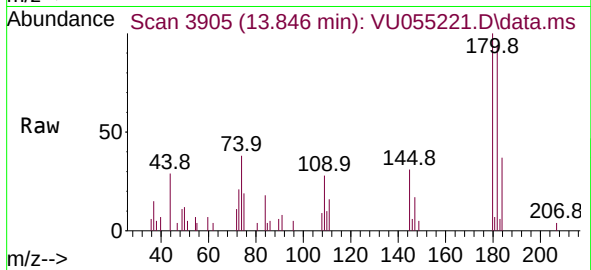
Lab File: VU055221.D

Acq: 08 Sep 2023 05:43

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 4875

Ion Ratio Lower Upper

180 100

182 97.5 73.6 110.4

145 34.9 25.8 38.8

