

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100423\
 Data File : VU055657.D
 Acq On : 04 Oct 2023 11:20
 Operator : MD/SY
 Sample : 04679-27
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 04 23:01:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 04 23:00:34 2023
 Response via : Initial Calibration

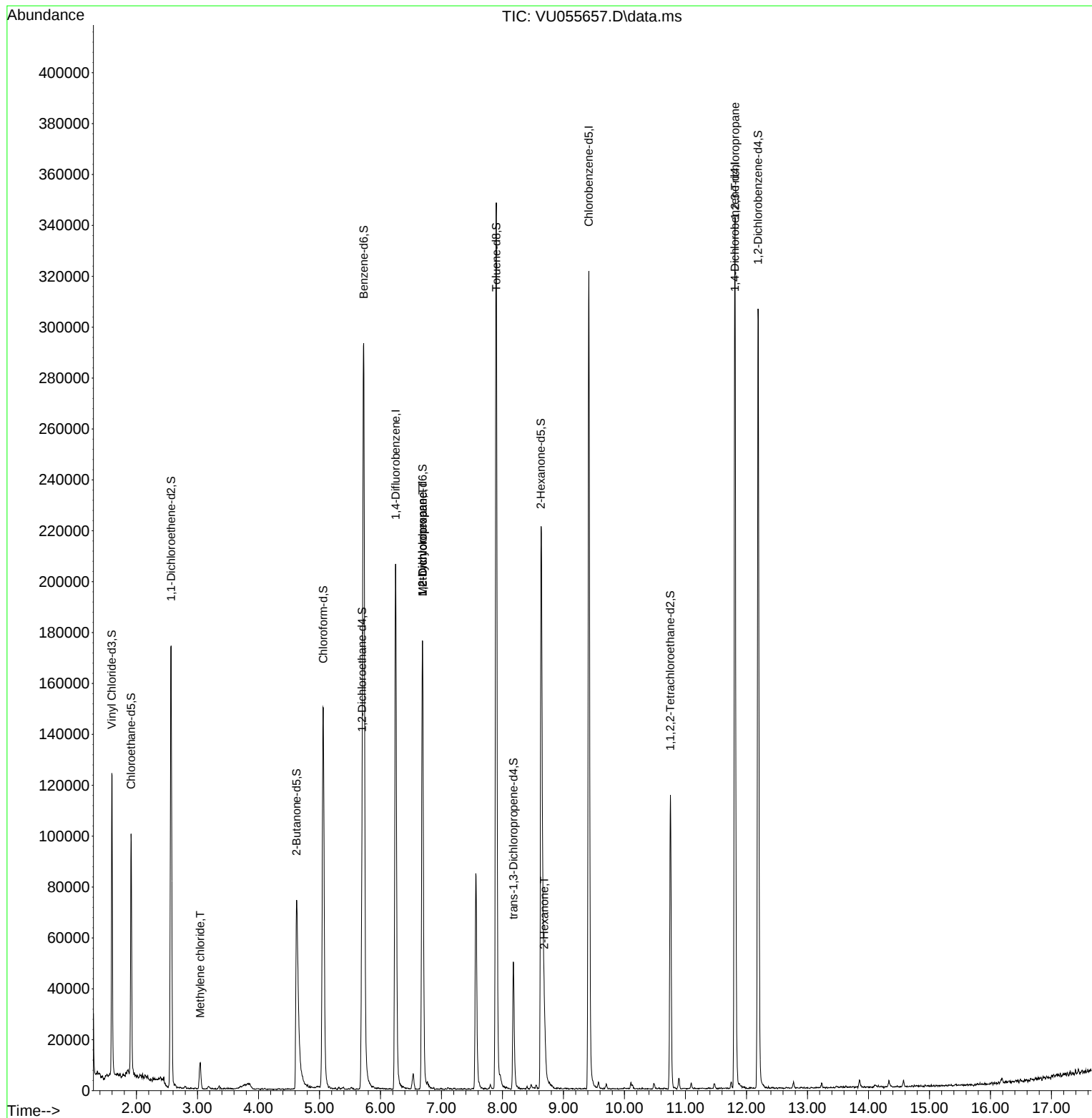
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	169700	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	179143	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	90889	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	82959	4.837	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.800%	
7) Chloroethane-d5	1.911	69	66159	4.377	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.600%	
11) 1,1-Dichloroethene-d2	2.567	65	33229	4.707	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.200%	
20) 2-Butanone-d5	4.624	46	127663	41.209	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	82.420%	
24) Chloroform-d	5.062	84	142350	4.589	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
26) 1,2-Dichloroethane-d4	5.698	65	69114	4.631	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.600%	
32) Benzene-d6	5.724	84	284593	4.542	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.800%	
36) 1,2-Dichloropropane-d6	6.689	67	88720	4.739	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.800%	
41) Toluene-d8	7.898	98	246290	4.312	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.200%	
43) trans-1,3-Dichloroprop...	8.181	79	29641	4.511	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.200%	
46) 2-Hexanone-d5	8.631	63	70267	35.161	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	70.320%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	59644	4.251	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	80420	4.384	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	87.600%	
Target Compounds						
16) Methylene chloride	3.046	84	5085	0.358	ug/L	97
35) Methylcyclohexane	6.689	83	20639	0.982	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	9230	0.684	ug/L #	89
48) 2-Hexanone	8.685	43	16184	3.414	ug/L #	88
61) 1,2,3-Trichloropropane	11.814	75	12034	1.696	ug/L #	69

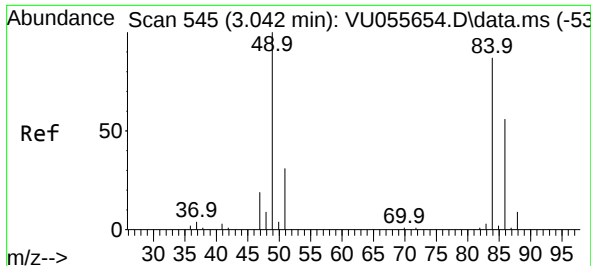
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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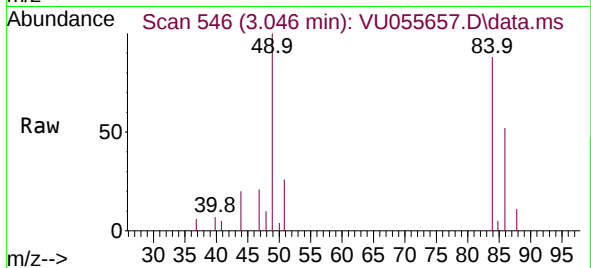
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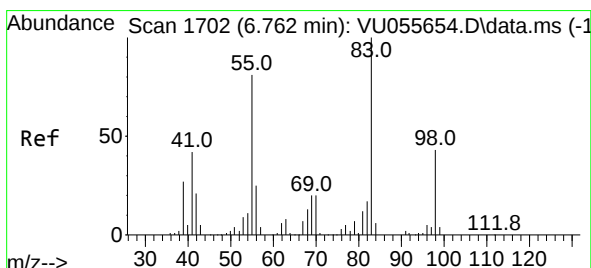
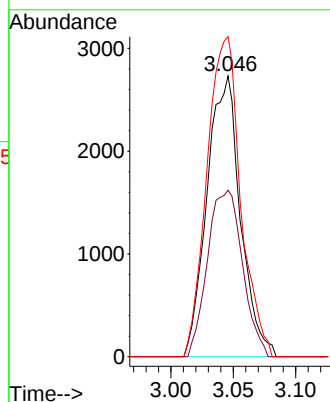
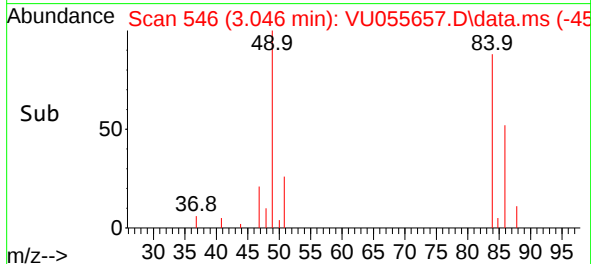


#16
Methylene chloride
Concen: 0.358 ug/L
RT: 3.046 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU055657.D
Acq: 04 Oct 2023 11:20

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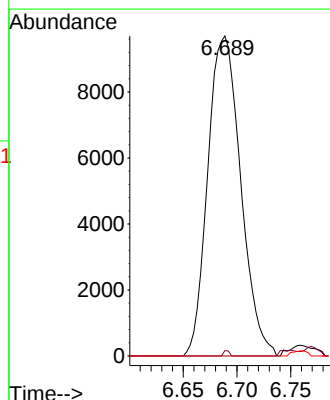
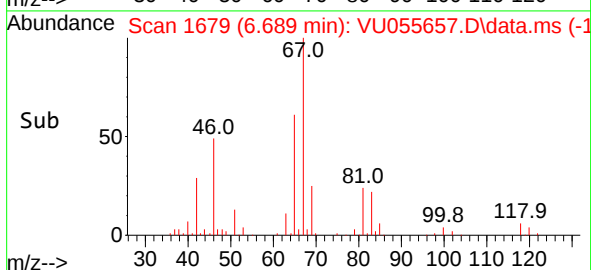
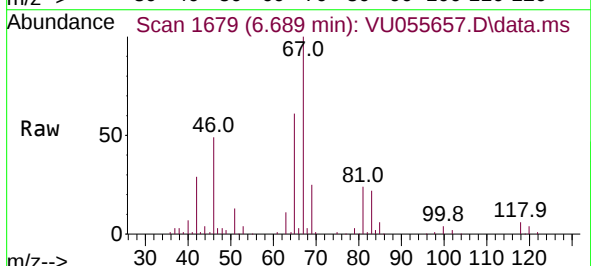


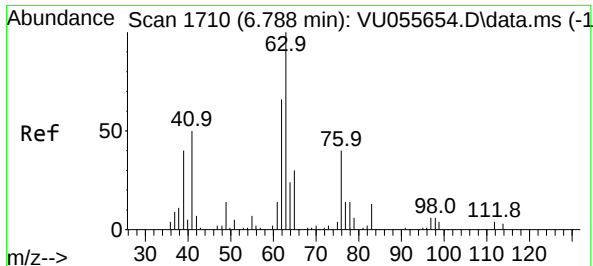
Tgt Ion: 84 Resp: 5085
Ion Ratio Lower Upper
84 100
86 59.3 44.9 83.3
49 114.0 78.8 146.3



#35
Methylcyclohexane
Concen: 0.982 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU055657.D
Acq: 04 Oct 2023 11:20

Tgt Ion: 83 Resp: 20639
Ion Ratio Lower Upper
83 100
55 0.3 59.1 88.7#
98 0.4 36.3 54.5#

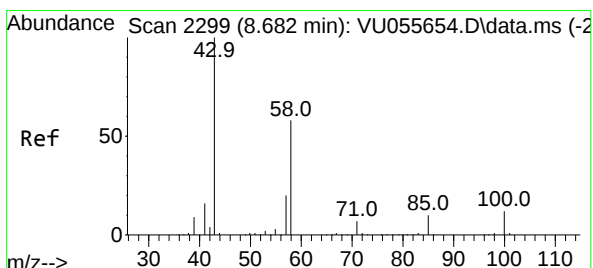
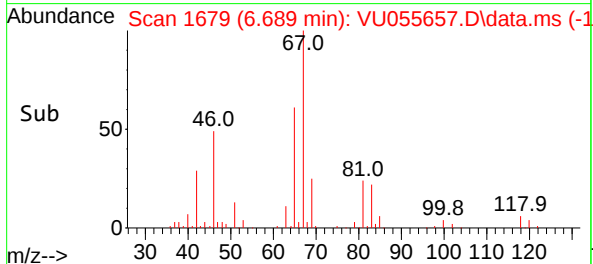
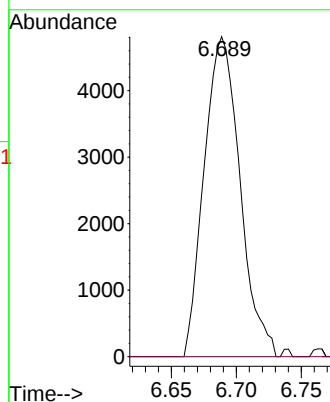
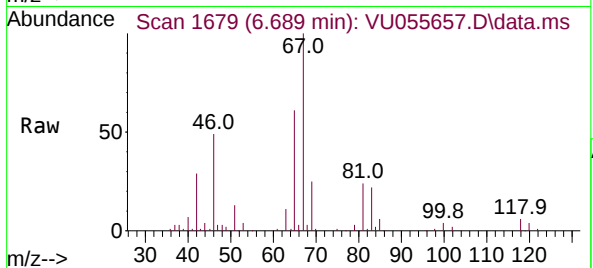




#37
1,2-Dichloropropane
Concen: 0.684 ug/L
RT: 6.689 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU055657.D
Acq: 04 Oct 2023 11:20

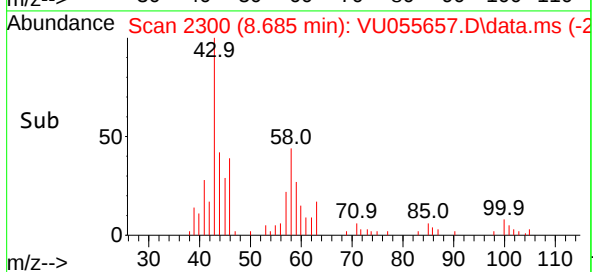
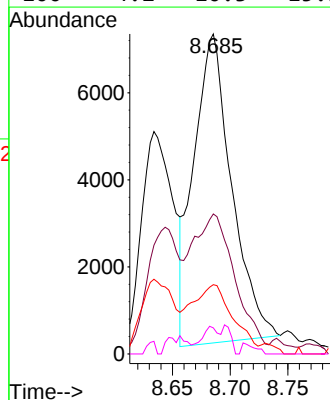
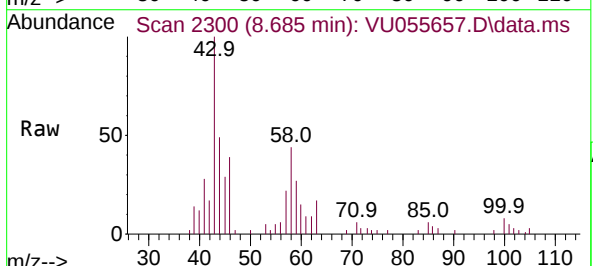
Instrument :
MSVOA_U
ClientSampleId :

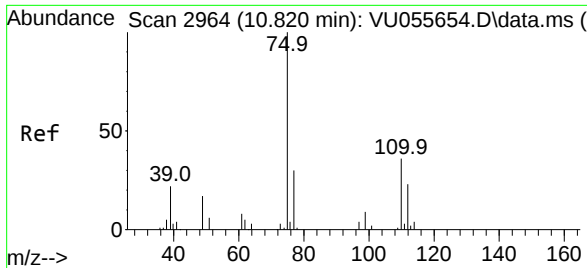
Tgt Ion: 63 Resp: 9230
Ion Ratio Lower Upper
63 100
112 0.2 3.0 4.6#



#48
2-Hexanone
Concen: 3.414 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU055657.D
Acq: 04 Oct 2023 11:20

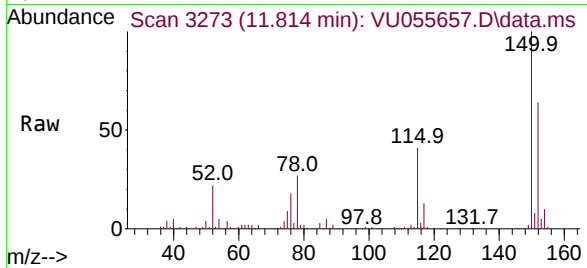
Tgt Ion: 43 Resp: 16184
Ion Ratio Lower Upper
43 100
58 51.6 48.5 72.7
57 25.0 17.0 25.4
100 4.2 10.3 15.5#





#61
1,2,3-Trichloropropane
Concen: 1.696 ug/L
RT: 11.814 min Scan# 31
Delta R.T. 0.994 min
Lab File: VU055657.D
Acq: 04 Oct 2023 11:20

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 12034
Ion Ratio Lower Upper
75 100
110 2.7 30.6 45.8#
77 33.3 26.7 40.1

