

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110923\
 Data File : VU056148.D
 Acq On : 09 Nov 2023 18:27
 Operator : MD/SY
 Sample : 05342-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 09 21:38:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 09 21:34:15 2023
 Response via : Initial Calibration

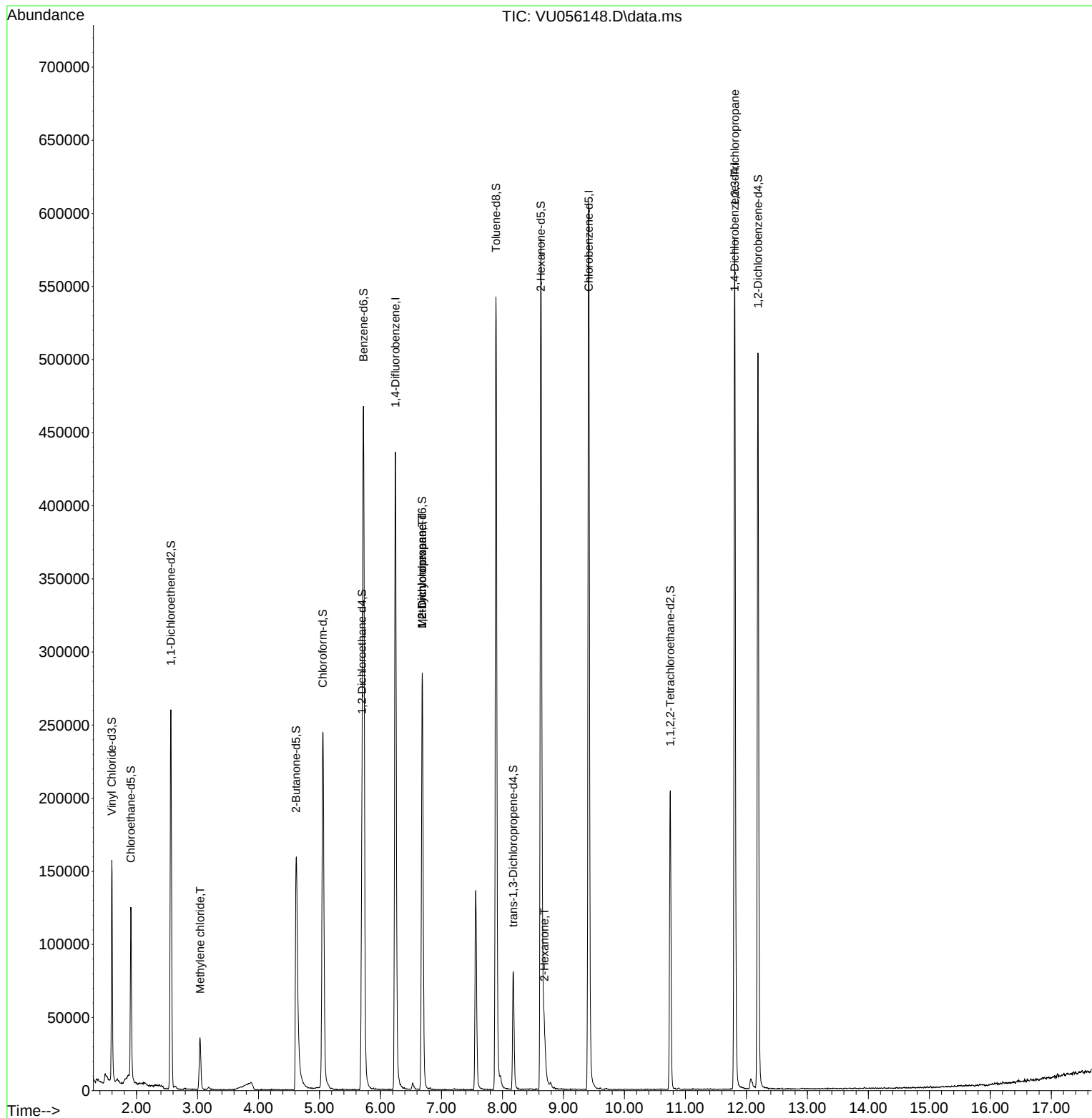
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	377299	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	378458	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	161816	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	110898	4.735	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.800%	
7) Chloroethane-d5	1.907	69	88602	5.575	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	111.400%	
11) 1,1-Dichloroethene-d2	2.563	65	49430	4.791	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.800%	
20) 2-Butanone-d5	4.618	46	258041	67.163	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	134.320%#	
24) Chloroform-d	5.055	84	236182	5.298	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.000%	
26) 1,2-Dichloroethane-d4	5.698	65	111569	5.684	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	113.600%	
32) Benzene-d6	5.721	84	467136	5.139	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.800%	
36) 1,2-Dichloropropane-d6	6.685	67	144535	5.402	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	108.000%	
41) Toluene-d8	7.894	98	384804	4.620	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.400%	
43) trans-1,3-Dichloroprop...	8.177	79	50299	4.918	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	98.400%	
46) 2-Hexanone-d5	8.631	63	198598	59.244	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	118.480%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	107160	5.611	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	112.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	139490	5.590	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.800%	
Target Compounds						
16) Methylene chloride	3.042	84	18800	0.676	ug/L	98
35) Methylcyclohexane	6.685	83	33374	0.759	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	14690	0.521	ug/L #	88
48) 2-Hexanone	8.688	43	22867	2.548	ug/L #	86
61) 1,2,3-Trichloropropane	11.811	75	18357	1.314	ug/L #	66

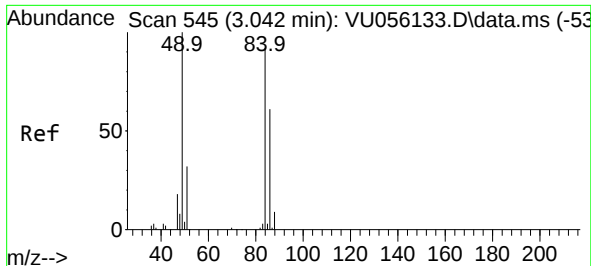
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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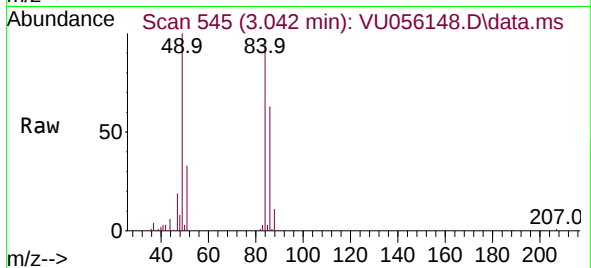
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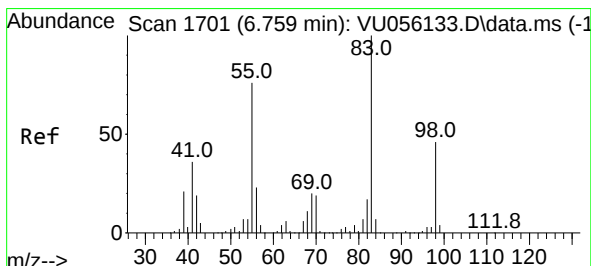
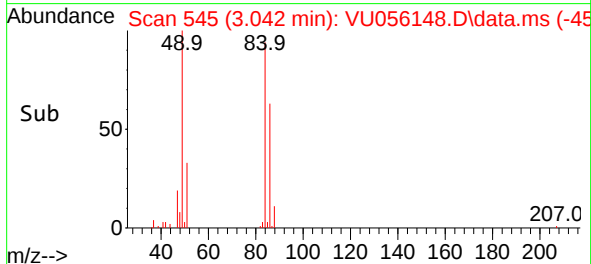
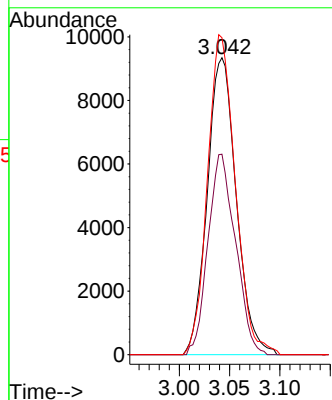


#16
Methylene chloride
Concen: 0.676 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU056148.D
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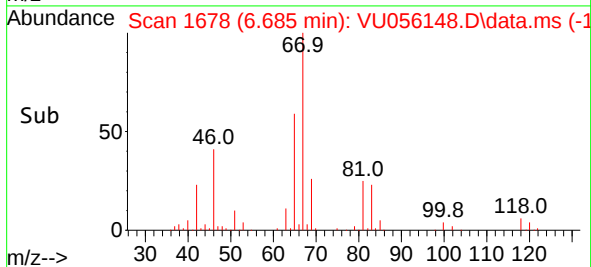
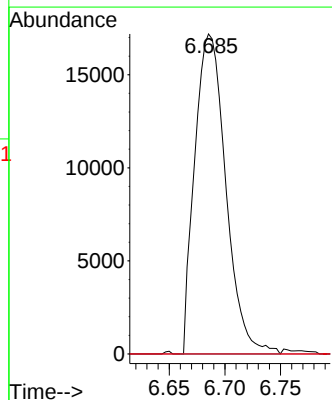
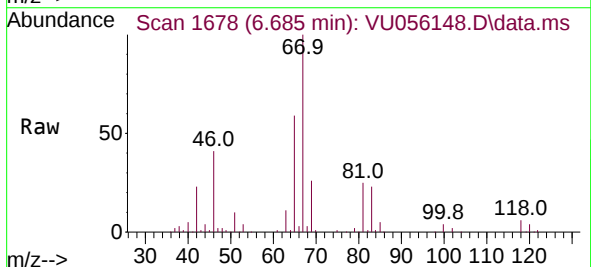


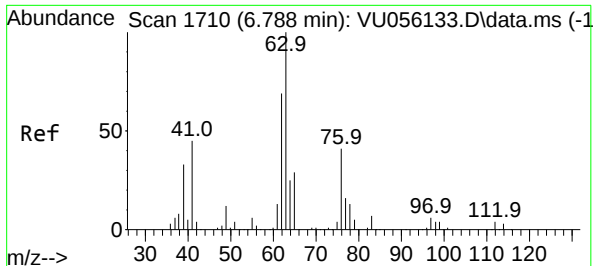
Tgt Ion: 84 Resp: 18800
Ion Ratio Lower Upper
84 100
86 67.5 44.9 83.5
49 106.8 75.0 139.4



#35
Methylcyclohexane
Concen: 0.759 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056148.D
Acq: 09 Nov 2023 18:27

Tgt Ion: 83 Resp: 33374
Ion Ratio Lower Upper
83 100
55 0.0 60.6 91.0#
98 0.2 36.2 54.4#

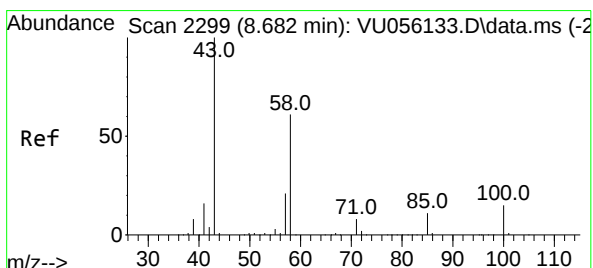
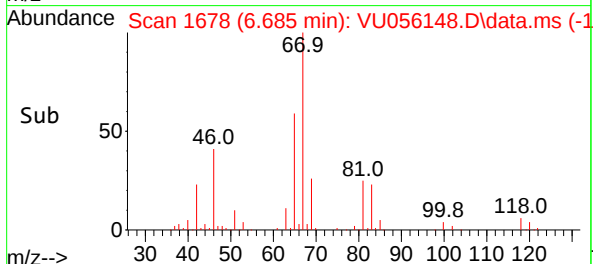
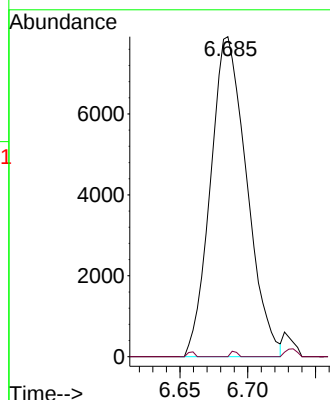
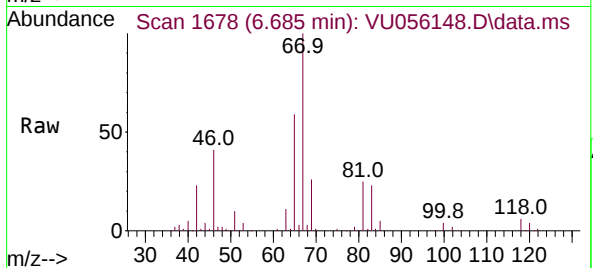




#37
1,2-Dichloropropane
Concen: 0.521 ug/L
RT: 6.685 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU056148.D
Acq: 09 Nov 2023 18:27

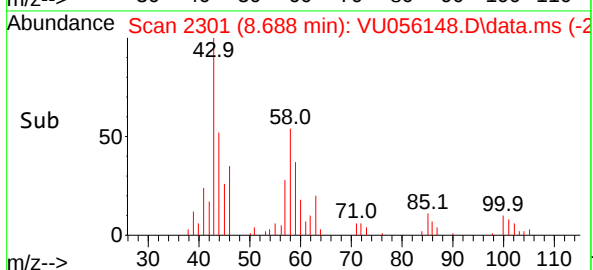
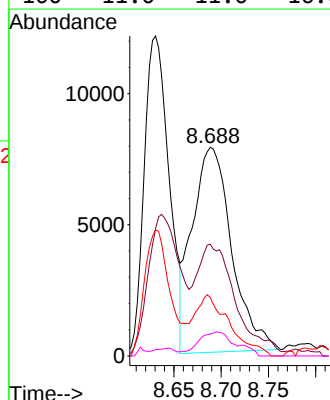
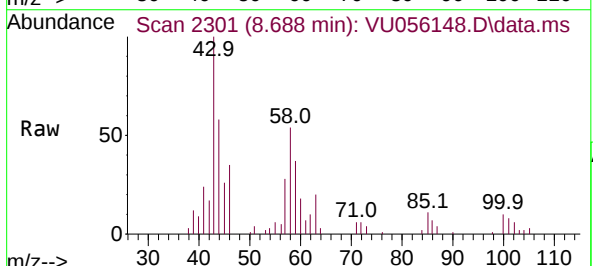
Instrument :
MSVOA_U
ClientSampleId :

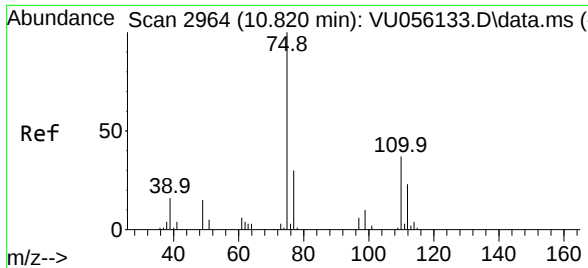
Tgt Ion: 63 Resp: 14690
Ion Ratio Lower Upper
63 100
112 0.3 3.4 5.2#



#48
2-Hexanone
Concen: 2.548 ug/L
RT: 8.688 min Scan# 2301
Delta R.T. 0.006 min
Lab File: VU056148.D
Acq: 09 Nov 2023 18:27

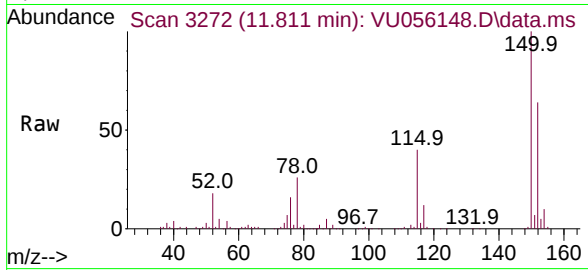
Tgt Ion: 43 Resp: 22867
Ion Ratio Lower Upper
43 100
58 51.3 52.0 78.0#
57 25.5 17.4 26.2
100 11.0 11.0 16.6





#61
1,2,3-Trichloropropane
Concen: 1.314 ug/L
RT: 11.811 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU056148.D
Acq: 09 Nov 2023 18:27

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	18357
Ion	Ratio	Lower	Upper
75	100		
110	2.6	29.7	44.5#
77	35.8	25.5	38.3

