

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056890.D
 Acq On : 15 Dec 2023 19:38
 Operator : MD/SY
 Sample : 05677-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Dec 15 22:27:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

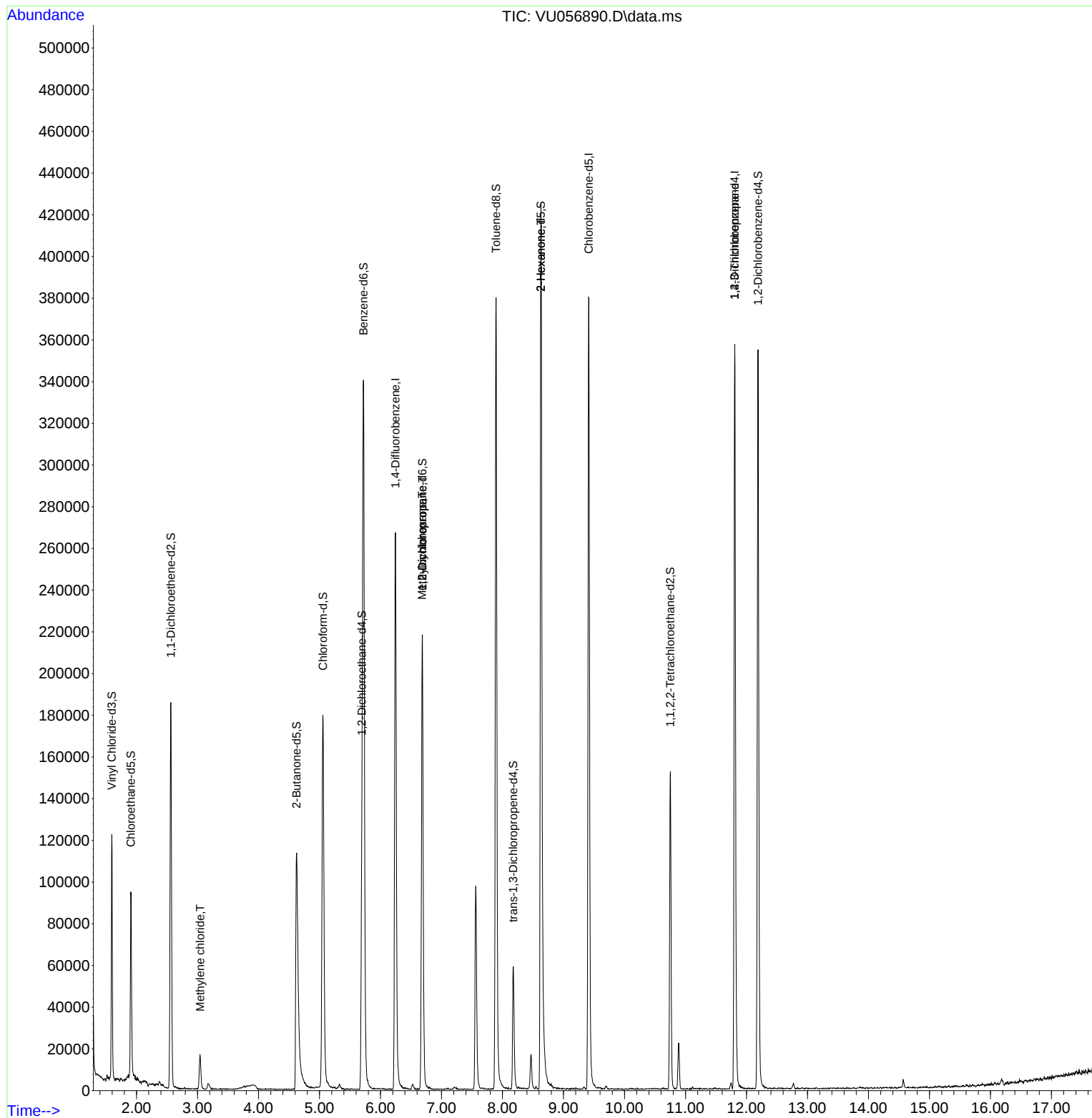
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	221337	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	222739	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	95809	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	84082	4.432	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.600%	
7) Chloroethane-d5	1.907	69	65083	4.584	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.600%	
11) 1,1-Dichloroethene-d2	2.563	65	35659	4.393	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.800%	
20) 2-Butanone-d5	4.624	46	193541	51.656	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.320%	
24) Chloroform-d	5.055	84	172578	4.804	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.000%	
26) 1,2-Dichloroethane-d4	5.695	65	85748	5.044	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.800%	
32) Benzene-d6	5.721	84	328851	4.760	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.200%	
36) 1,2-Dichloropropane-d6	6.685	67	106114	4.907	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.200%	
41) Toluene-d8	7.894	98	263166	4.262	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.200%	
43) trans-1,3-Dichloroprop...	8.177	79	37809	4.509	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.200%	
46) 2-Hexanone-d5	8.630	63	151100	47.774	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.540%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	78756	5.034	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	94432	5.014	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.200%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.042	84	8104	0.414	ug/L	97
35) Methylcyclohexane	6.682	83	24281	0.766	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	11640	0.581	ug/L #	89
48) 2-Hexanone	8.630	43	22001	3.249	ug/L #	70
61) 1,2,3-Trichloropropane	11.807	75	13415	1.304	ug/L #	67

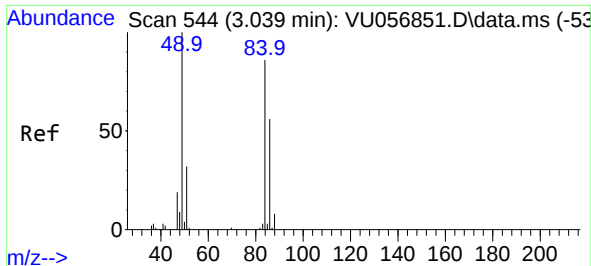
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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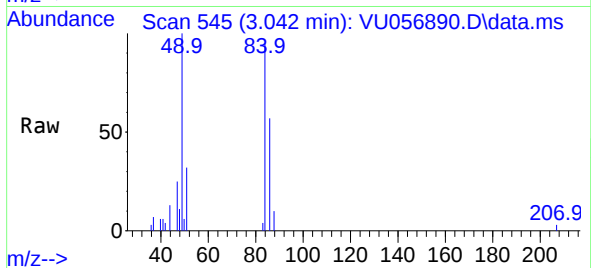
Quant Time: Dec 15 22:27:44 2023
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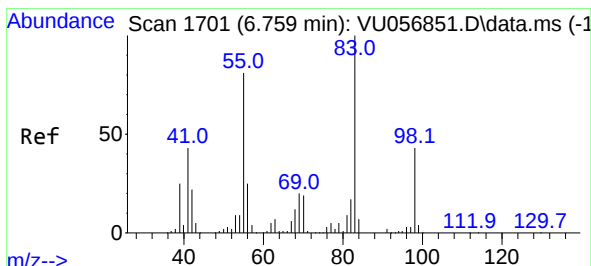
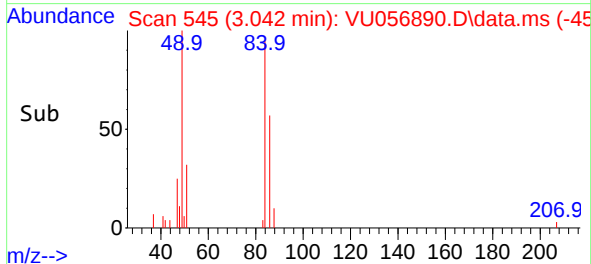
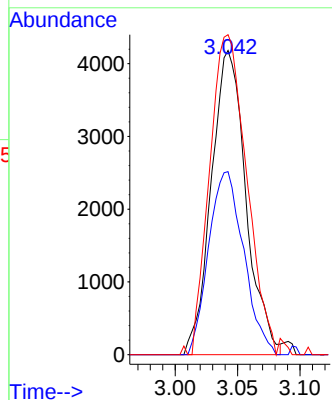


#16
Methylene chloride
Concen: 0.414 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU056890.D
Acq: 15 Dec 2023 19:38

Instrument :
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VHBLK001

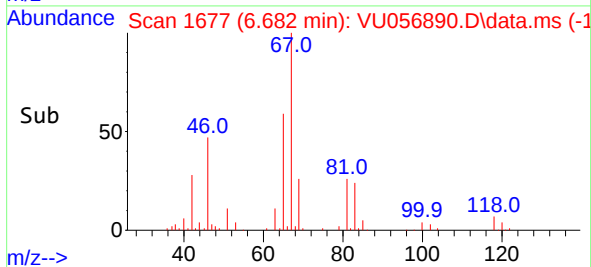
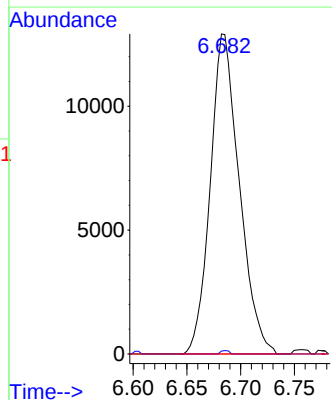
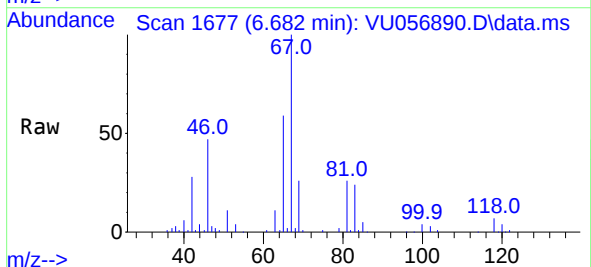


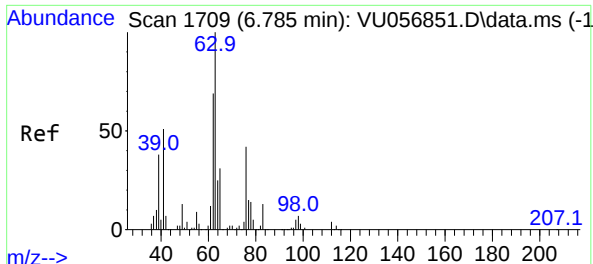
Tgt Ion: 84 Resp: 8104
Ion Ratio Lower Upper
84 100
86 60.2 43.6 81.0
49 111.9 80.6 149.6



#35
Methylcyclohexane
Concen: 0.766 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU056890.D
Acq: 15 Dec 2023 19:38

Tgt Ion: 83 Resp: 24281
Ion Ratio Lower Upper
83 100
55 0.3 64.6 97.0#
98 0.0 36.1 54.1#

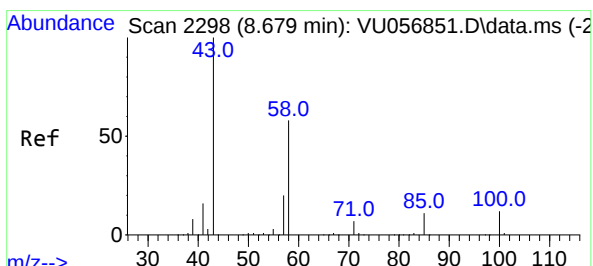
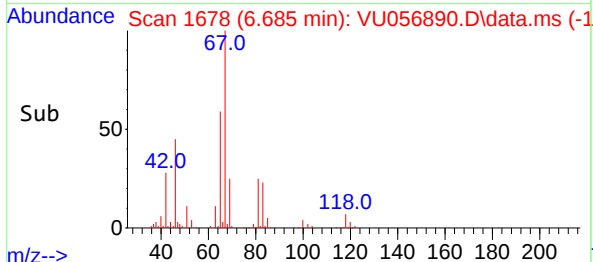
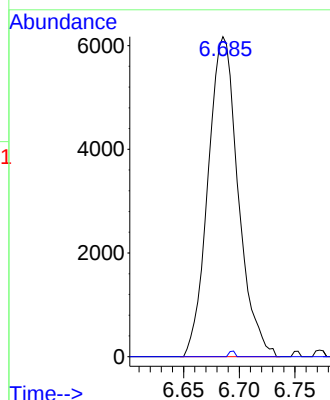
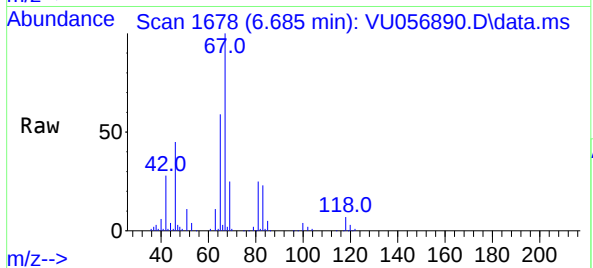




#37
1,2-Dichloropropane
Concen: 0.581 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU056890.D
Acq: 15 Dec 2023 19:38

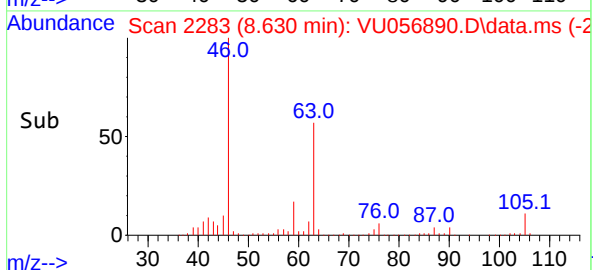
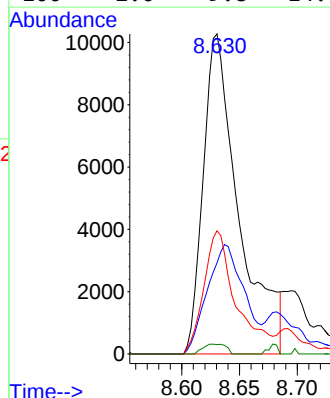
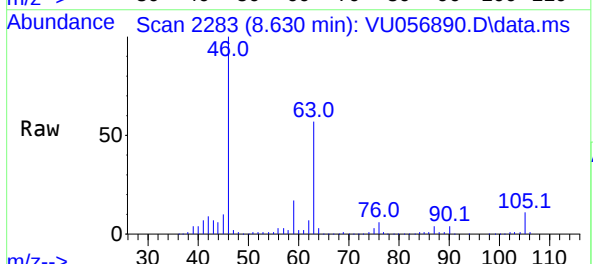
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

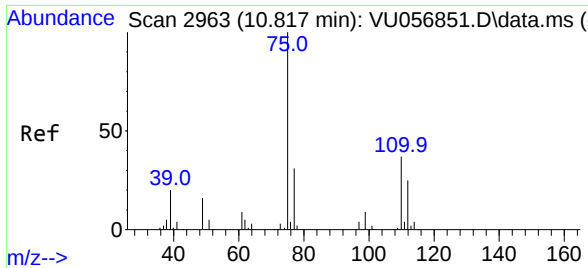
Tgt Ion: 63 Resp: 11640
Ion Ratio Lower Upper
63 100
112 0.3 3.3 4.9#



#48
2-Hexanone
Concen: 3.249 ug/L
RT: 8.630 min Scan# 2283
Delta R.T. -0.048 min
Lab File: VU056890.D
Acq: 15 Dec 2023 19:38

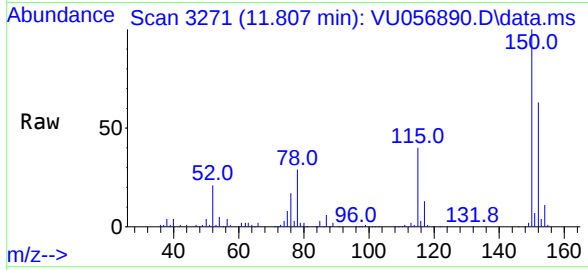
Tgt Ion: 43 Resp: 22001
Ion Ratio Lower Upper
43 100
58 35.5 47.5 71.3#
57 34.9 17.0 25.4#
100 2.0 9.8 14.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.304 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU056890.D
 Acq: 15 Dec 2023 19:38

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001



Tgt Ion: 75 Resp: 13415

Ion	Ratio	Lower	Upper
75	100		
110	3.6	28.4	42.6#
77	26.9	26.3	39.5

