

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120321\
 Data File : VU046073.D
 Acq On : 03 Dec 2021 15:02
 Operator : SY/MD
 Sample : M4869-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESQN2

Quant Time: Dec 04 03:07:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

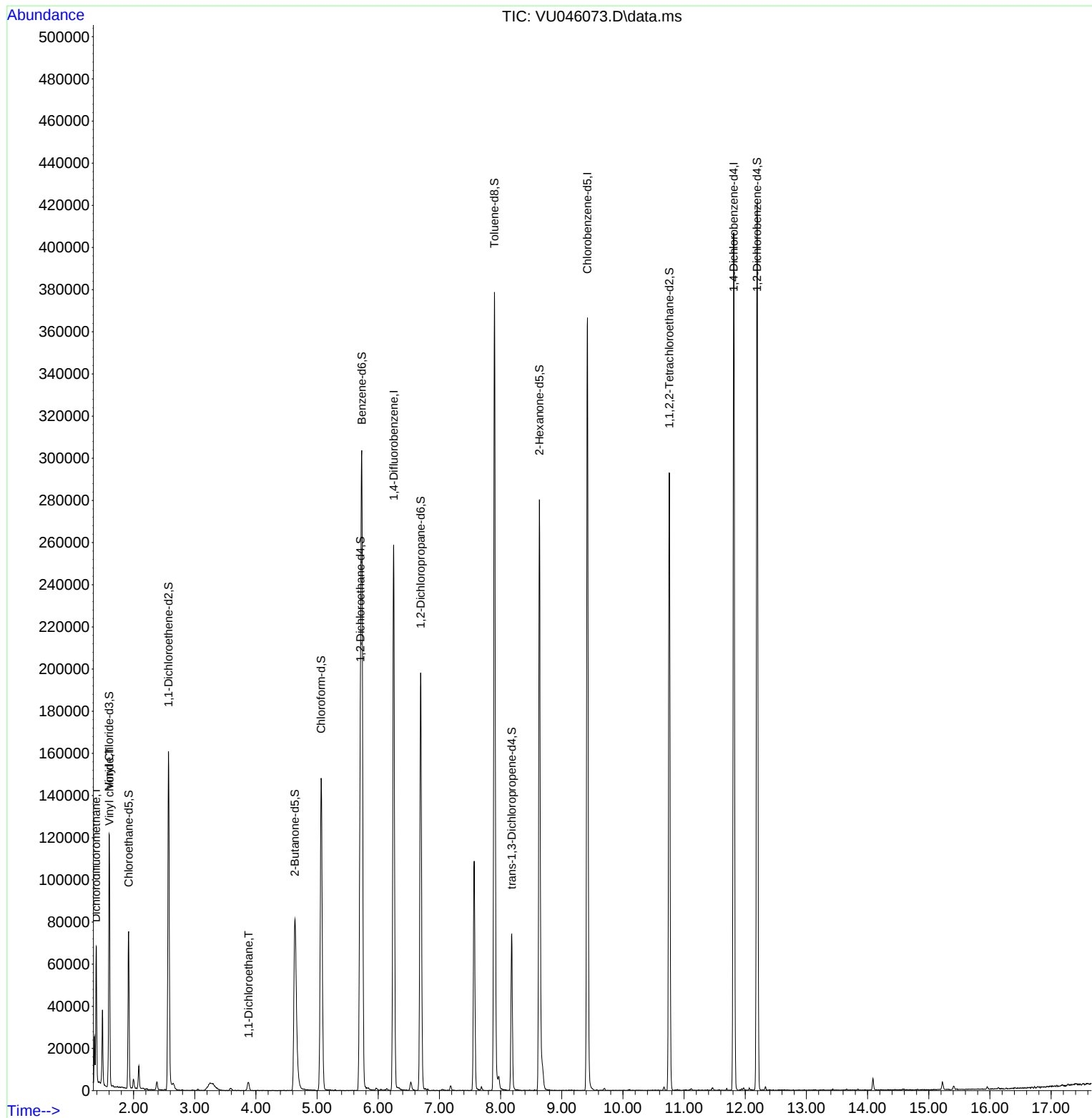
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	214143	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	213450	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	109063	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	63395	35.938	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	71.880%		
7) Chloroethane-d5	1.919	69	55162	40.728	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.460%		
11) 1,1-Dichloroethene-d2	2.571	63	95758	30.239	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.480%		
21) 2-Butanone-d5	4.636	46	146077	104.170	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	104.170%		
24) Chloroform-d	5.066	84	139376	47.314	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.620%		
26) 1,2-Dichloroethane-d4	5.706	65	96447	48.786	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.580%		
32) Benzene-d6	5.732	84	287364	46.971	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.940%		
36) 1,2-Dichloropropane-d6	6.693	67	94680	49.936	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.880%		
41) Toluene-d8	7.899	98	259651	46.614	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.220%		
43) trans-1,3-Dichloroprop...	8.182	79	42436	46.364	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.720%		
47) 2-Hexanone-d5	8.635	63	100688	112.003	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	112.000%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	146661	51.005	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.020%		
66) 1,2-Dichlorobenzene-d4	12.195	152	108740	51.772	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.540%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	18916	8.119	ug/L	100
5) Vinyl chloride	1.607	62	22131	10.533	ug/L	96
19) 1,1-Dichloroethane	3.880	63	5300	1.860	ug/L	96

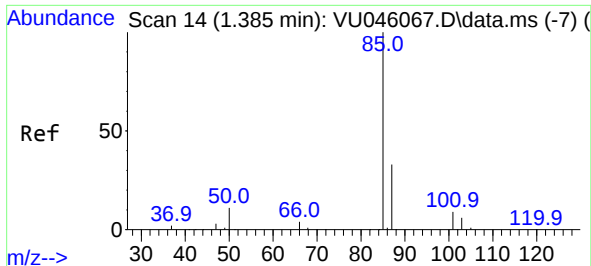
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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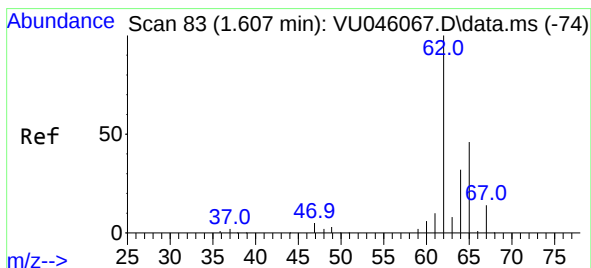
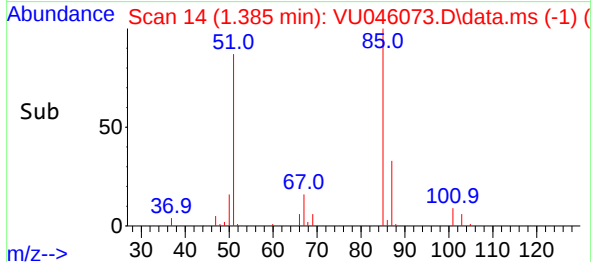
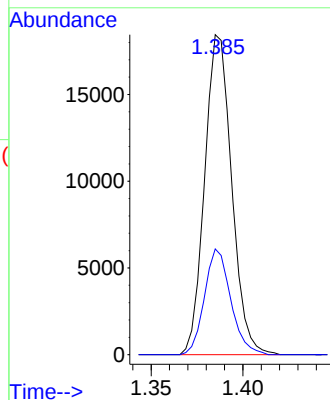
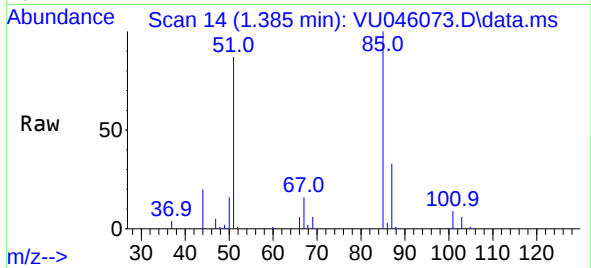




#2
Dichlorodifluoromethane
Concen: 8.119 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU046073.D
Acq: 03 Dec 2021 15:02

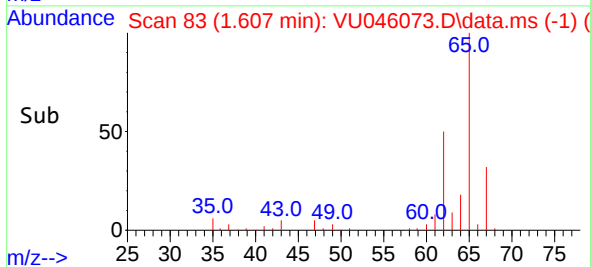
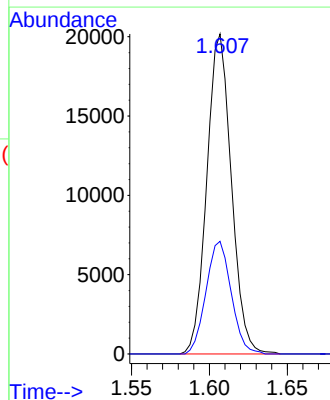
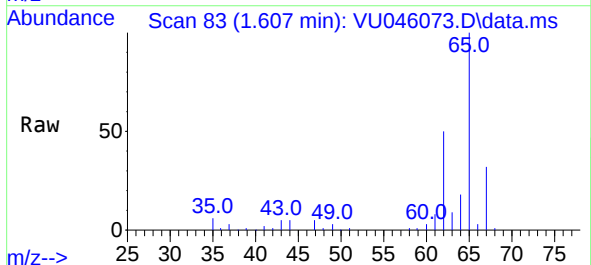
Instrument :
MSVOA_U
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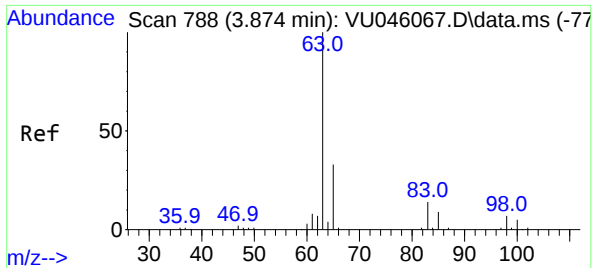
Tgt Ion: 85 Resp: 18916
Ion Ratio Lower Upper
85 100
87 32.1 25.7 38.5



#5
Vinyl chloride
Concen: 10.533 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU046073.D
Acq: 03 Dec 2021 15:02

Tgt Ion: 62 Resp: 22131
Ion Ratio Lower Upper
62 100
64 35.2 22.9 42.5





#19
 1,1-Dichloroethane
 Concen: 1.860 ug/L
 RT: 3.880 min Scan# 79
 Delta R.T. 0.003 min
 Lab File: VU046073.D
 Acq: 03 Dec 2021 15:02

Instrument :
 MSVOA_U
 ClientSampleId :
 ESQN2

Tgt Ion: 63 Resp: 5300

Ion	Ratio	Lower	Upper
63	100		
65	34.1	22.8	42.4
83	16.9	9.6	17.8

