

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120321\
 Data File : VU046074.D
 Acq On : 03 Dec 2021 15:25
 Operator : SY/MD
 Sample : M4869-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESQN3

Quant Time: Dec 04 03:07:44 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)

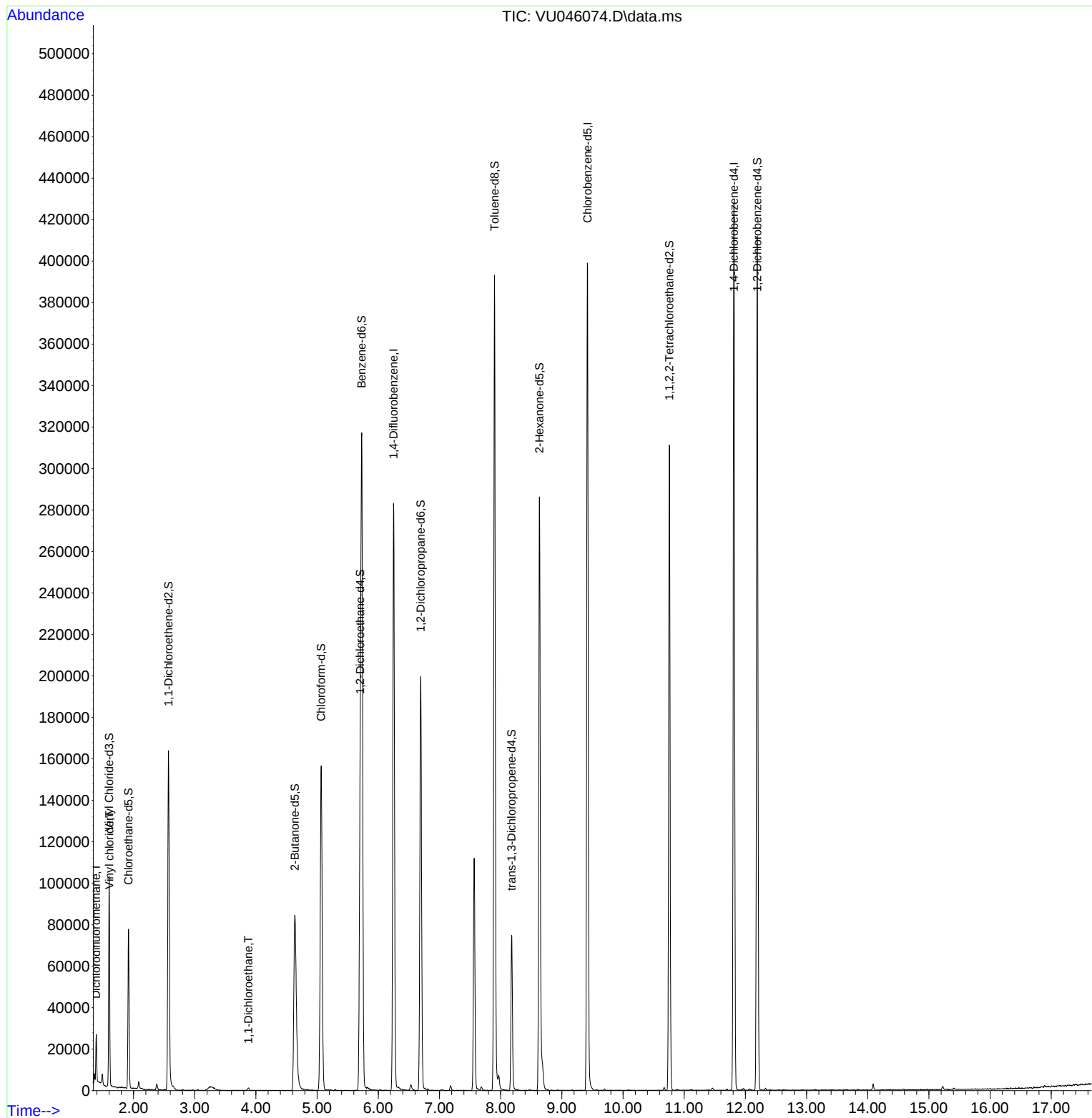
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	234763	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	230006	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	115331	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	65229	33.730	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.460%
7) Chloroethane-d5	1.916	69	54930	36.995	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.980%
11) 1,1-Dichloroethene-d2	2.572	63	98235	28.297	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.600%#
21) 2-Butanone-d5	4.636	46	150014	97.581	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.580%
24) Chloroform-d	5.067	84	146180	45.265	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.520%
26) 1,2-Dichloroethane-d4	5.703	65	97916	45.178	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.360%
32) Benzene-d6	5.729	84	298779	45.322	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.640%
36) 1,2-Dichloropropane-d6	6.694	67	96395	47.181	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.360%
41) Toluene-d8	7.899	98	265310	44.201	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	8.179	79	43360	43.964	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.920%
47) 2-Hexanone-d5	8.633	63	105319	108.721	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.720%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	149512	48.254	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.500%
66) 1,2-Dichlorobenzene-d4	12.195	152	108842	49.004	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	5283	2.068	ug/L	97
5) Vinyl chloride	1.607	62	6293	2.732	ug/L	87
19) 1,1-Dichloroethane	3.877	63	1654	0.530	ug/L #	91

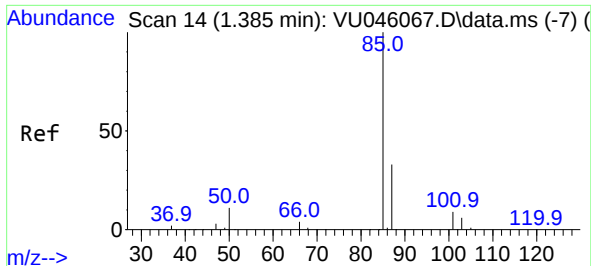
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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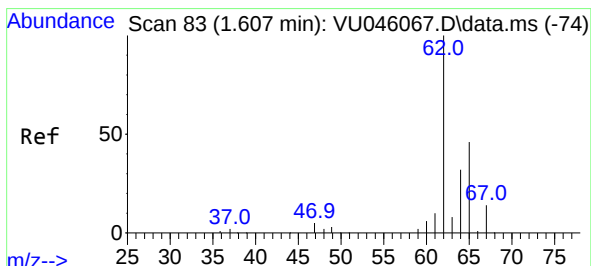
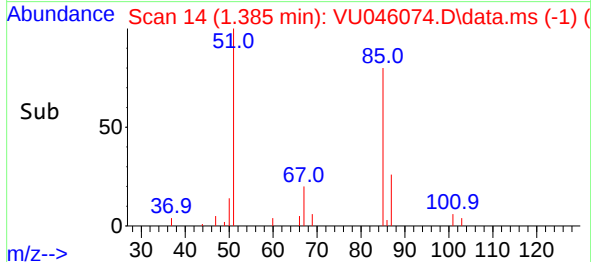
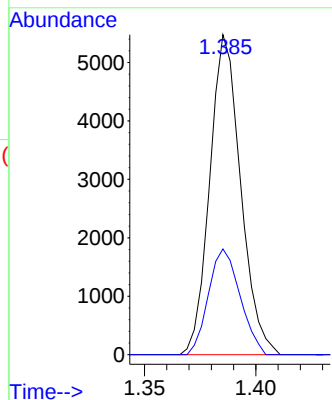
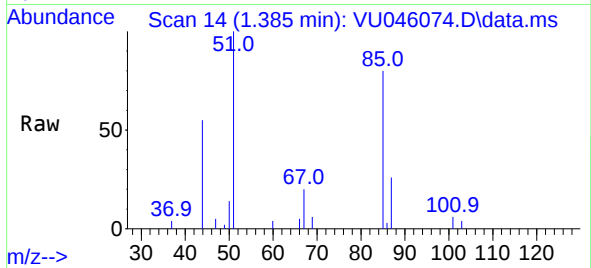




#2
Dichlorodifluoromethane
Concen: 2.068 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU046074.D
Acq: 03 Dec 2021 15:25

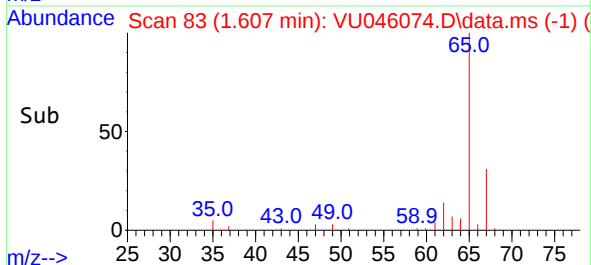
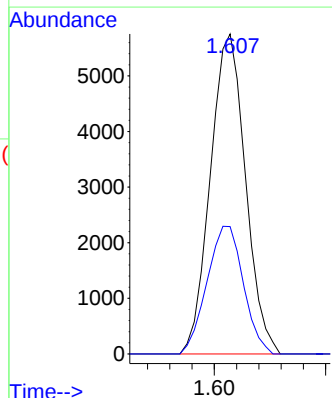
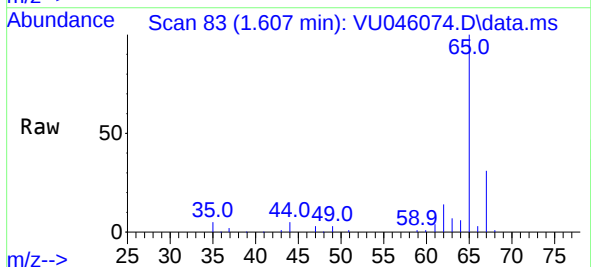
Instrument :
MSVOA_U
ClientSampleId :
ESQN3

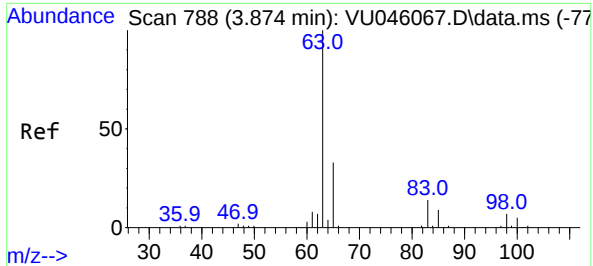
Tgt Ion: 85 Resp: 5283
Ion Ratio Lower Upper
85 100
87 33.7 25.7 38.5



#5
Vinyl chloride
Concen: 2.732 ug/L
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU046074.D
Acq: 03 Dec 2021 15:25

Tgt Ion: 62 Resp: 6293
Ion Ratio Lower Upper
62 100
64 39.8 22.9 42.5





#19
1,1-Dichloroethane
Concen: 0.530 ug/L
RT: 3.877 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU046074.D
Acq: 03 Dec 2021 15:25

Instrument :
MSVOA_U
ClientSampleId :
ESQN3

Tgt Ion: 63 Resp: 1654

Ion	Ratio	Lower	Upper
63	100		
65	28.3	22.8	42.4
83	18.3	9.6	17.8#

