

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121121\
 Data File : VU046293.D
 Acq On : 11 Dec 2021 17:42
 Operator : SY/MD
 Sample : M4983-12DL 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5P1DL

Quant Time: Dec 12 01:39:38 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)

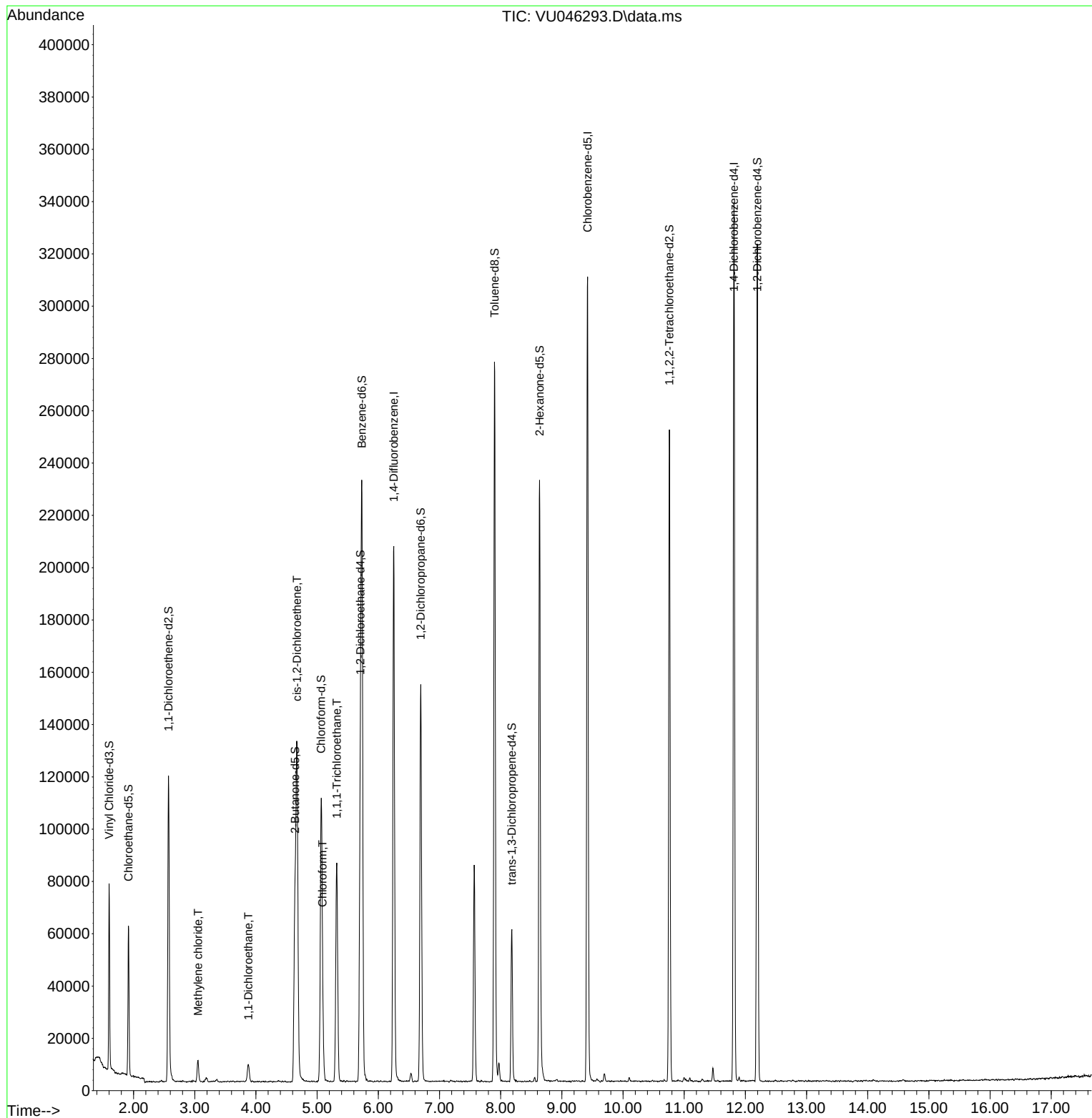
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	167918	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	173583	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	89686	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	49136	35.523	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	71.040%		
7) Chloroethane-d5	1.916	69	41483	39.060	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.120%		
11) 1,1-Dichloroethene-d2	2.572	63	69336	27.923	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	55.840%#		
21) 2-Butanone-d5	4.639	46	116691	106.122	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	106.120%		
24) Chloroform-d	5.067	84	100901	43.682	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.360%		
26) 1,2-Dichloroethane-d4	5.707	65	76168	49.134	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.260%		
32) Benzene-d6	5.732	84	216040	43.423	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.840%		
36) 1,2-Dichloropropane-d6	6.694	67	73000	47.344	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.680%		
41) Toluene-d8	7.899	98	185753	41.006	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.020%		
43) trans-1,3-Dichloroprop...	8.182	79	34032	45.722	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.440%		
47) 2-Hexanone-d5	8.636	63	82641	113.041	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	113.040%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	121093	51.786	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	103.580%		
66) 1,2-Dichlorobenzene-d4	12.195	152	81902	47.419	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.840%		
Target Compounds						Qvalue
16) Methylene chloride	3.054	84	4279	3.098	ug/L	90
19) 1,1-Dichloroethane	3.877	63	8401	3.760	ug/L	92
20) cis-1,2-Dichloroethene	4.671	96	58497	43.877	ug/L	99
25) Chloroform	5.089	83	14399	5.801	ug/L	93
30) 1,1,1-Trichloroethane	5.321	97	61492	28.859	ug/L	99

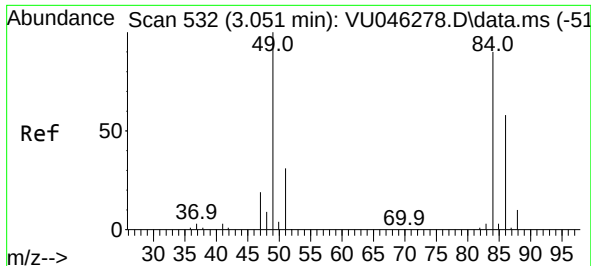
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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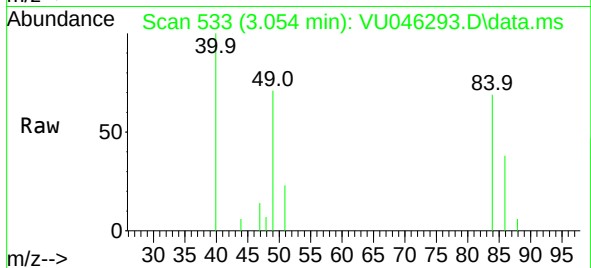
Quant Time: Dec 12 01:39:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
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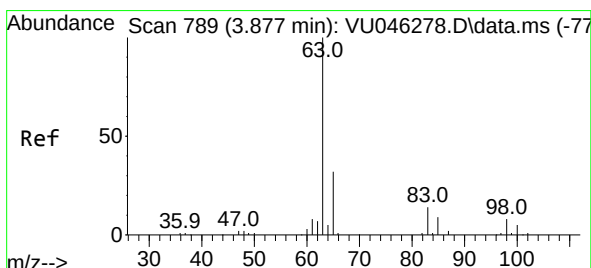
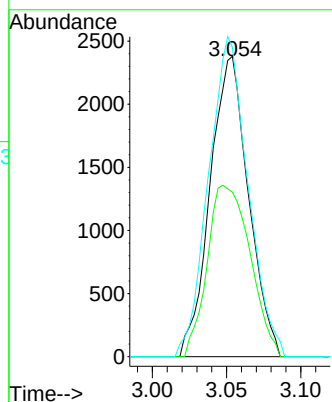
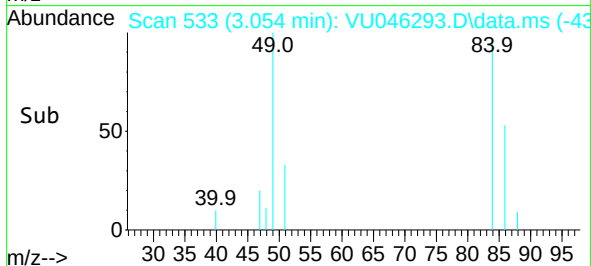
#16
Methylene chloride
Concen: 3.098 ug/L
RT: 3.054 min Scan# 511
Delta R.T. 0.003 min
Lab File: VU046293.D
Acq: 11 Dec 2021 17:42

Instrument :
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EW5P1DL

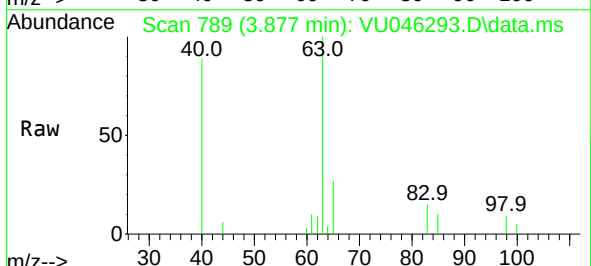


Tgt Ion: 84 Resp: 4279

Ion	Ratio	Lower	Upper
84	100		
86	54.8	44.7	83.1
49	103.1	78.4	145.6

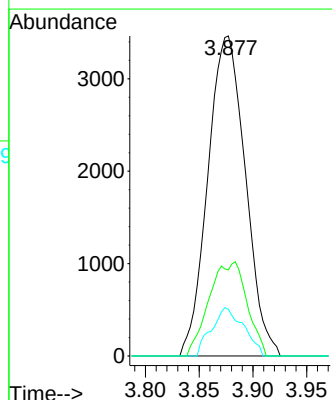
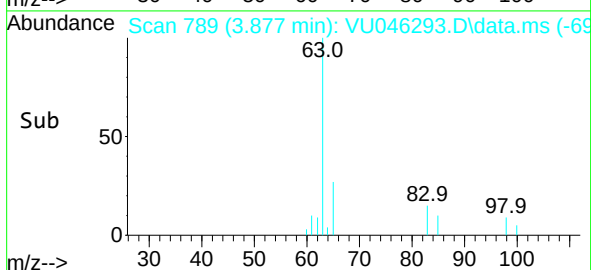


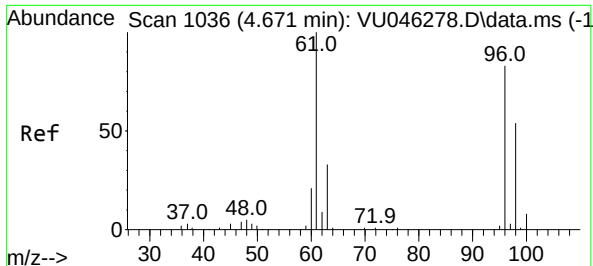
#19
1,1-Dichloroethane
Concen: 3.760 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU046293.D
Acq: 11 Dec 2021 17:42



Tgt Ion: 63 Resp: 8401

Ion	Ratio	Lower	Upper
63	100		
65	26.9	22.8	42.4
83	14.6	9.6	17.8

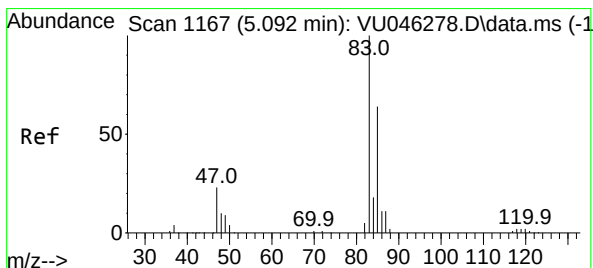
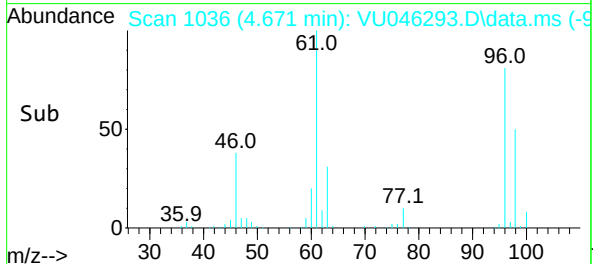
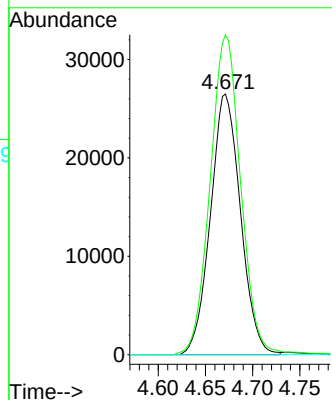
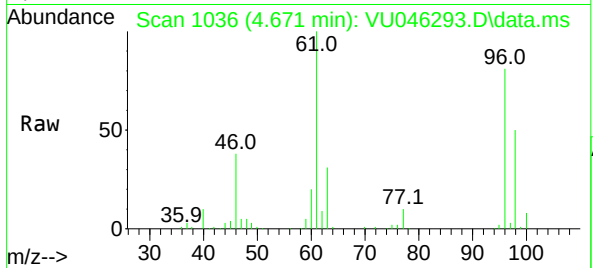




#20
 cis-1,2-Dichloroethene
 Concen: 43.877 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU046293.D
 Acq: 11 Dec 2021 17:42

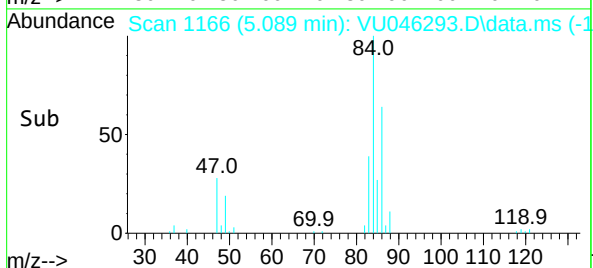
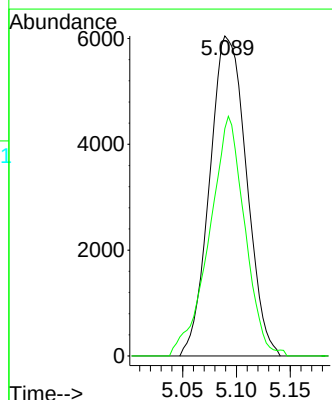
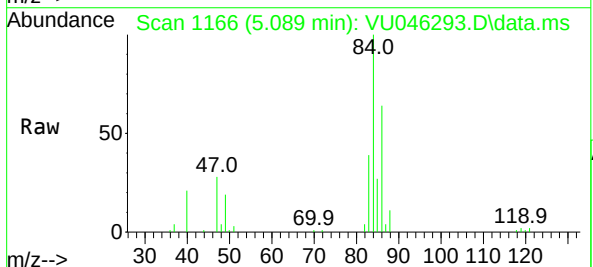
Instrument :
 MSVOA_U
 ClientSampleId :
 EW5P1DL

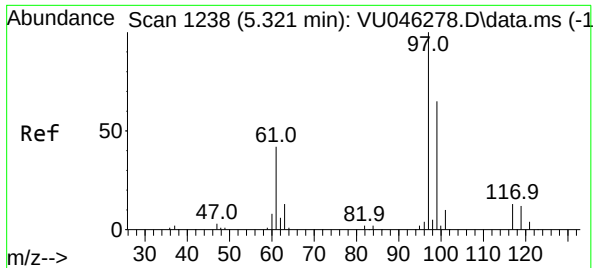
Tgt Ion: 96 Resp: 58497
 Ion Ratio Lower Upper
 96 100
 61 122.8 86.8 161.2
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 5.801 ug/L
 RT: 5.089 min Scan# 1166
 Delta R.T. -0.003 min
 Lab File: VU046293.D
 Acq: 11 Dec 2021 17:42

Tgt Ion: 83 Resp: 14399
 Ion Ratio Lower Upper
 83 100
 85 71.0 45.8 85.2





#30
 1,1,1-Trichloroethane
 Concen: 28.859 ug/L
 RT: 5.321 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VU046293.D
 Acq: 11 Dec 2021 17:42

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5P1DL

Tgt Ion: 97 Resp: 61492

Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.8	77.6
61	44.0	34.4	51.6

