

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121421\
 Data File : VU046353.D
 Acq On : 14 Dec 2021 14:13
 Operator : SY/MD
 Sample : M5062-03ME
 Misc : 6.77g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 15 01:42:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 15 01:40:37 2021
 Response via : Initial Calibration

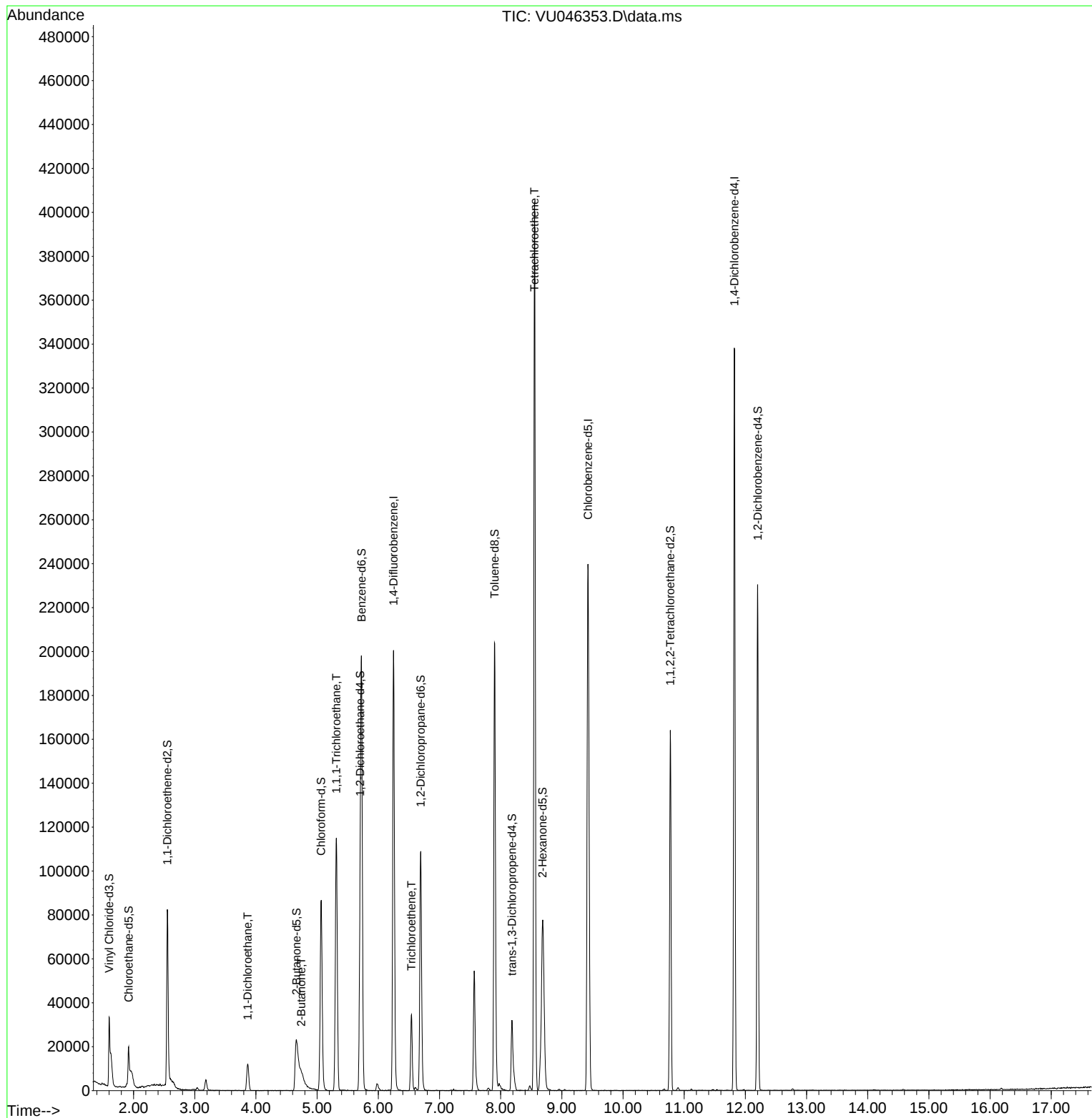
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

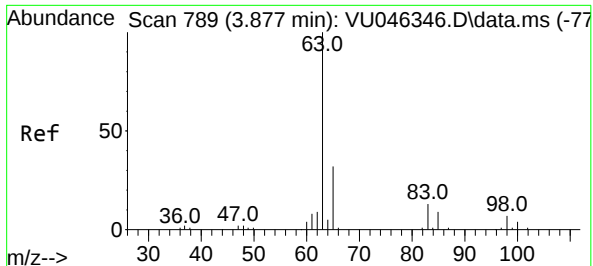
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	169897	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	180821	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	87824	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	45205m	32.300	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.600%
7) Chloroethane-d5	1.919	69	31229m	29.063	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	58.120%#
11) 1,1-Dichloroethene-d2	2.552	63	53199	21.175	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	42.340%#
21) 2-Butanone-d5	4.662	46	74297m	66.781	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	66.780%
24) Chloroform-d	5.067	84	86739	37.113	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.220%
26) 1,2-Dichloroethane-d4	5.703	65	58822	37.503	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.000%
32) Benzene-d6	5.726	84	171697	33.129	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.260%#
36) 1,2-Dichloropropane-d6	6.694	67	54561	33.969	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	67.940%#
41) Toluene-d8	7.899	98	148592	31.490	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	62.980%#
43) trans-1,3-Dichloroprop...	8.186	79	25744	33.203	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.400%
47) 2-Hexanone-d5	8.684	63	54031	70.948	ug/L	0.05
Spiked Amount	100.000	Range	45 - 130	Recovery	=	70.950%
56) 1,1,2,2-Tetrachloroeth...	10.774	84	83251	34.177	ug/L	0.02
Spiked Amount	50.000	Range	65 - 120	Recovery	=	68.360%
66) 1,2-Dichlorobenzene-d4	12.201	152	58697	34.705	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.400%#
Target Compounds						
					Qvalue	
19) 1,1-Dichloroethane	3.864	63	15059	6.662	ug/L	98
22) 2-Butanone	4.742	43	10900m	7.201	ug/L	
30) 1,1,1-Trichloroethane	5.314	97	84702	38.161	ug/L	99
34) Trichloroethene	6.539	95	11724	8.132	ug/L	97
46) Tetrachloroethene	8.552	164	89086	84.082	ug/L	97

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

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#19

1,1-Dichloroethane

Concen: 6.662 ug/L

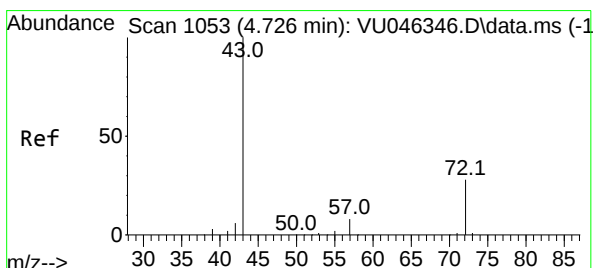
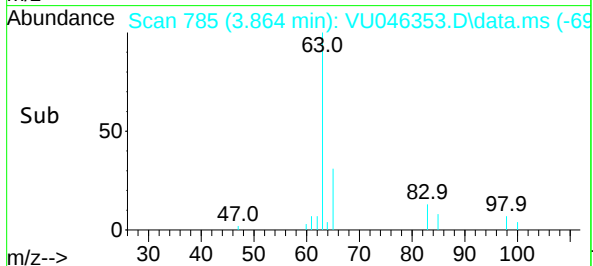
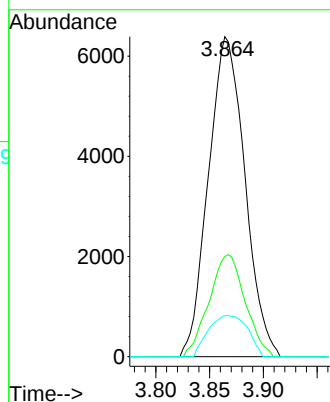
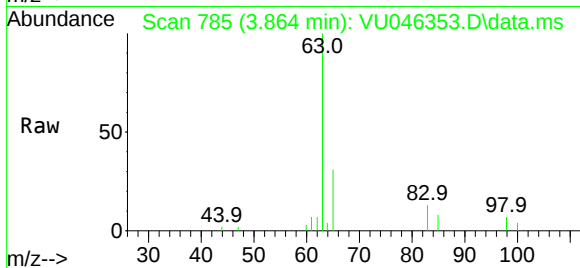
RT: 3.864 min Scan# 785

Delta R.T. -0.013 min

Lab File: VU046353.D

Acq: 14 Dec 2021 14:13

Tgt Ion:	63	Resp:	15059
Ion	Ratio	Lower	Upper
63	100		
65	31.3	22.8	42.4
83	12.8	9.6	17.8



#22

2-Butanone

Concen: 7.201 ug/L m

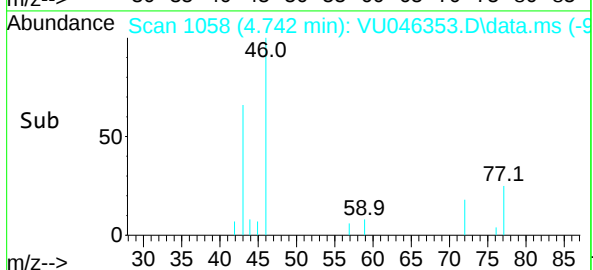
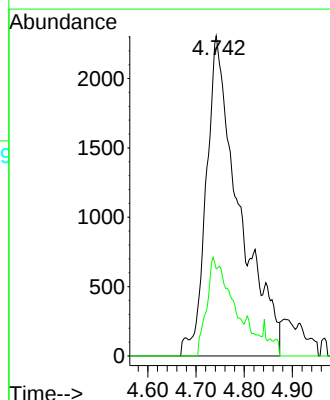
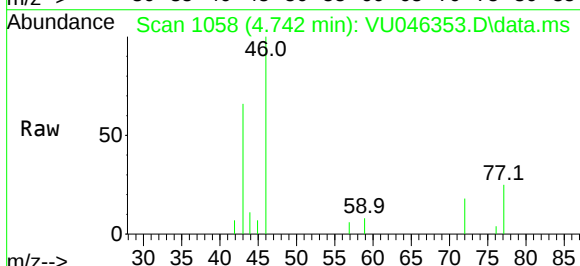
RT: 4.742 min Scan# 1058

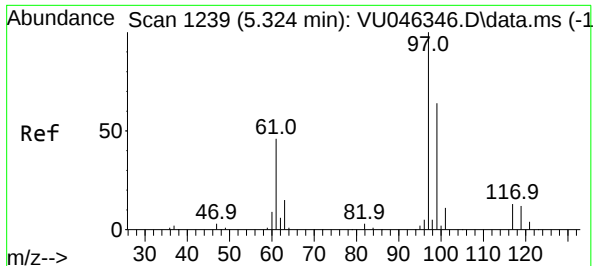
Delta R.T. 0.016 min

Lab File: VU046353.D

Acq: 14 Dec 2021 14:13

Tgt Ion:	43	Resp:	10900
Ion	Ratio	Lower	Upper
43	100		
72	9.1	14.5	43.6#





#30

1,1,1-Trichloroethane

Concen: 38.161 ug/L

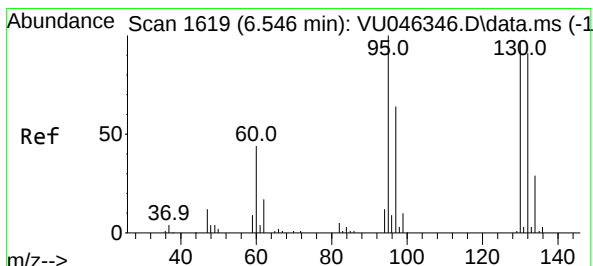
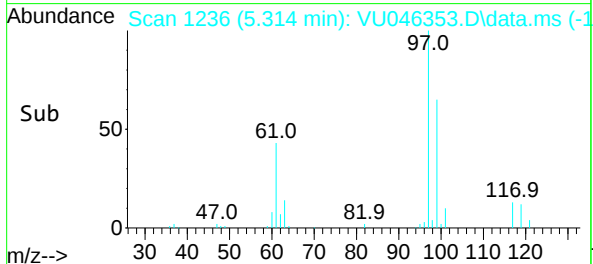
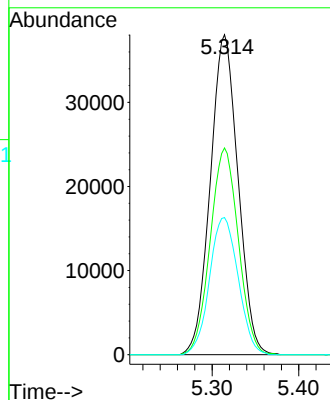
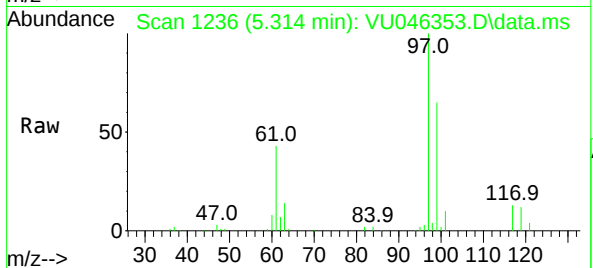
RT: 5.314 min Scan# 1236

Delta R.T. -0.009 min

Lab File: VU046353.D

Acq: 14 Dec 2021 14:13

Tgt Ion:	97	Resp:	84702
Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.8	77.6
61	44.2	34.4	51.6



#34

Trichloroethene

Concen: 8.132 ug/L

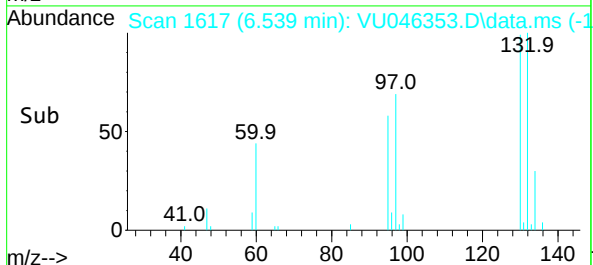
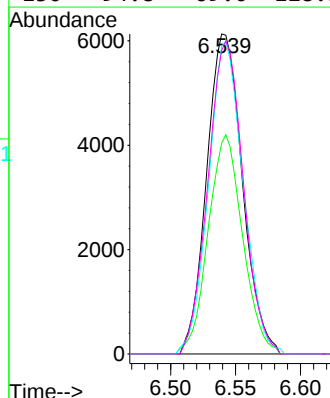
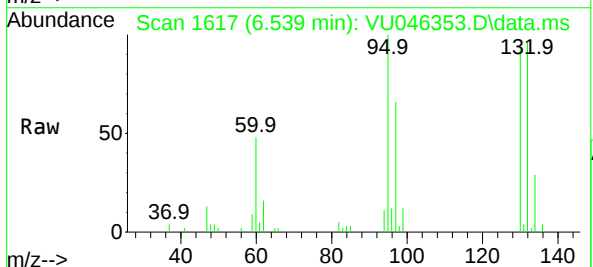
RT: 6.539 min Scan# 1617

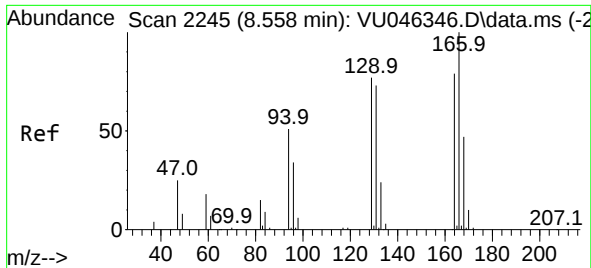
Delta R.T. -0.006 min

Lab File: VU046353.D

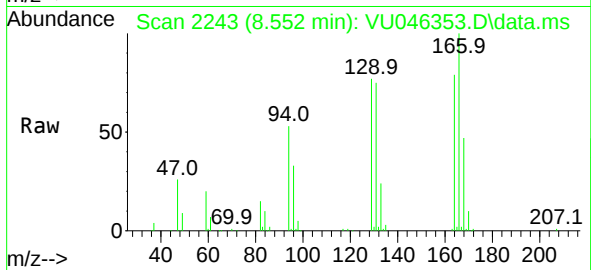
Acq: 14 Dec 2021 14:13

Tgt Ion:	95	Resp:	11724
Ion	Ratio	Lower	Upper
95	100		
97	65.9	44.1	81.9
132	96.2	66.8	124.0
130	94.8	69.0	128.1





#46
 Tetrachloroethene
 Concen: 84.082 ug/L
 RT: 8.552 min Scan# 2243
 Delta R.T. -0.006 min
 Lab File: VU046353.D
 Acq: 14 Dec 2021 14:13



Tgt Ion:164	Resp:	89086
Ion	Ratio	Lower Upper
164	100	
129	97.6	71.1 132.1
131	94.8	67.8 126.0
166	126.4	90.6 168.2

