

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122021\
 Data File : VU046506.D
 Acq On : 20 Dec 2021 12:22
 Operator : SY/MD
 Sample : VU1220WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 20 15:46:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 20 00:25:10 2021
 Response via : Initial Calibration

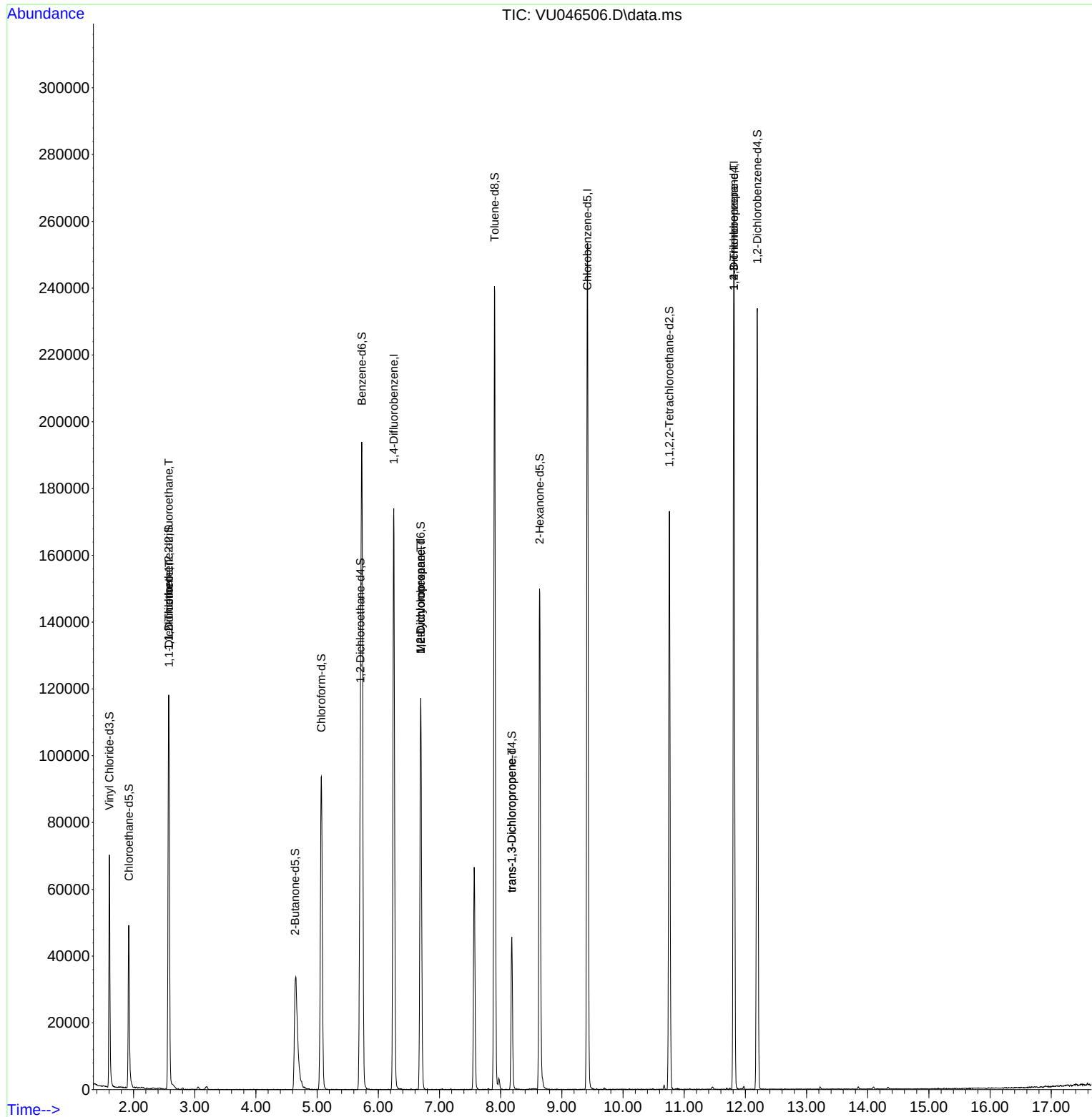
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

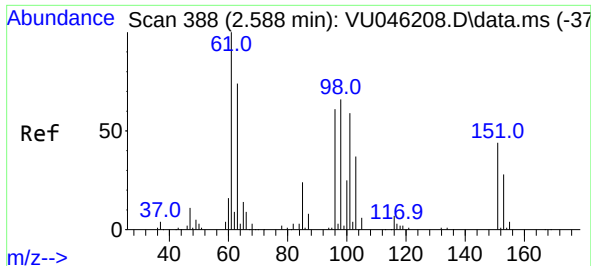
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	140924	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	141627	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	70003	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	53912	46.441	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.880%		
7) Chloroethane-d5	1.922	69	40511	45.452	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.900%		
11) 1,1-Dichloroethene-d2	2.575	63	71740	34.425	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.840%		
21) 2-Butanone-d5	4.642	46	30134	32.654	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	32.650%#		
24) Chloroform-d	5.070	84	90763	46.819	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.640%		
26) 1,2-Dichloroethane-d4	5.707	65	61367	47.169	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.340%		
32) Benzene-d6	5.732	84	181782	44.782	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.560%		
36) 1,2-Dichloropropane-d6	6.694	67	55330	43.981	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.960%		
41) Toluene-d8	7.899	98	160195	43.343	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.680%		
43) trans-1,3-Dichloroprop...	8.182	79	26298	43.303	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.600%		
47) 2-Hexanone-d5	8.636	63	56816	95.252	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.250%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	81950	42.954	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.900%		
66) 1,2-Dichlorobenzene-d4	12.195	152	60927	45.194	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.380%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	558	0.544	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	547	0.561	ug/L #	1
35) Methylcyclohexane	6.694	83	13763	7.860	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	6184	5.507	ug/L #	86
44) trans-1,3-Dichloropropene	8.182	75	1316	0.784	ug/L #	83
60) 1,2,3-Trichloropropane	11.812	75	8736	5.693	ug/L #	65

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

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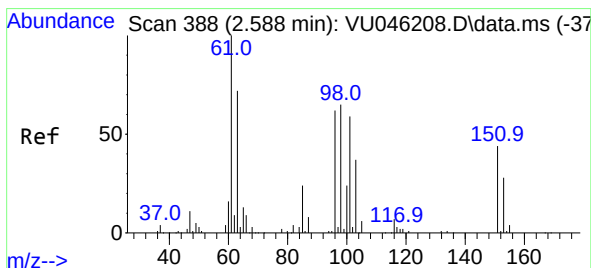
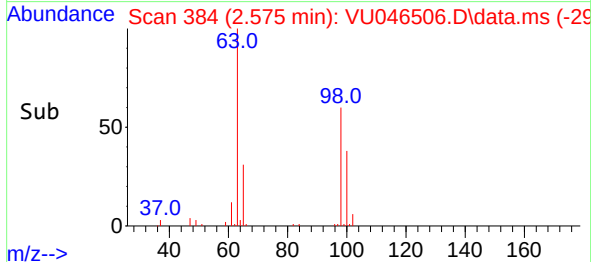
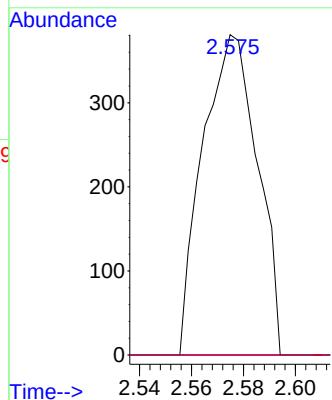
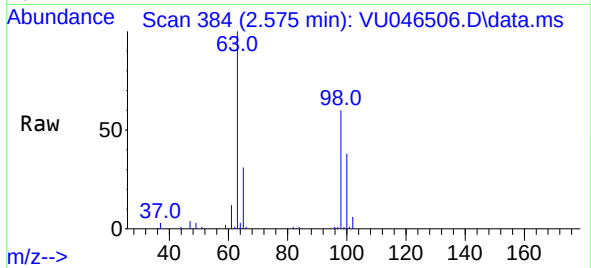
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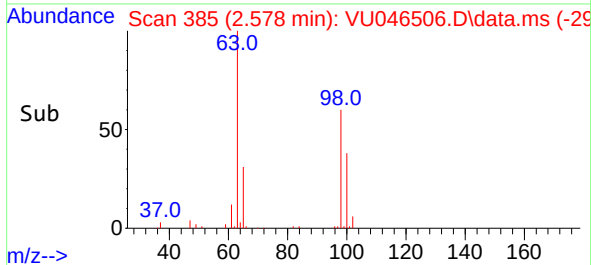
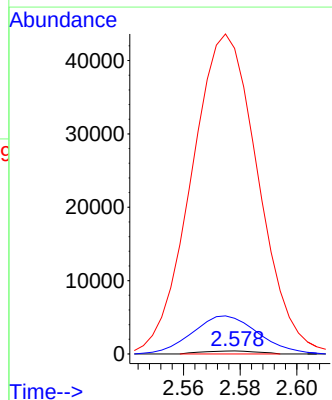
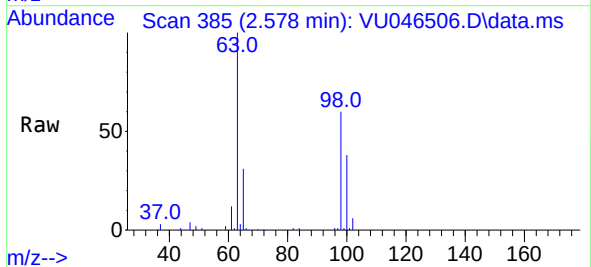
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.544 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU046506.D
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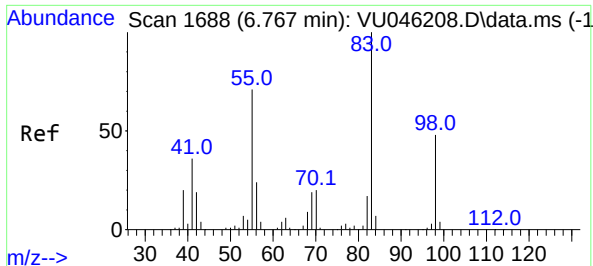
Tgt Ion:101 Resp: 558
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.561 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU046506.D
Acq: 20 Dec 2021 12:22

Tgt Ion: 96 Resp: 547
Ion Ratio Lower Upper
96 100
61 1197.5 118.6 220.2#
63 10236.9 93.0 172.8#





#35

Methylcyclohexane

Concen: 7.860 ug/L

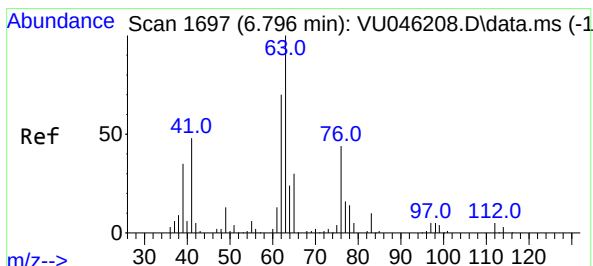
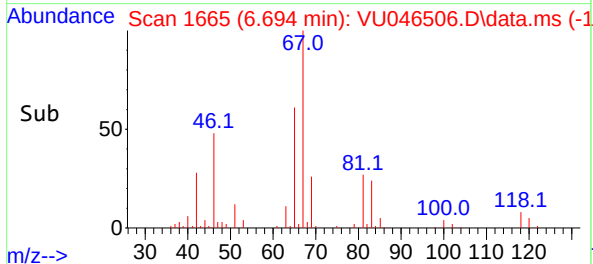
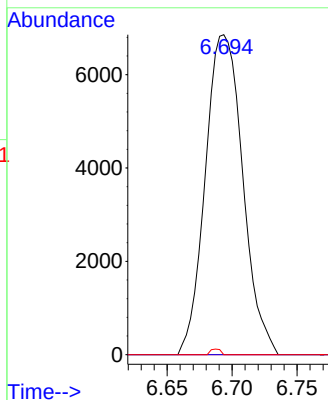
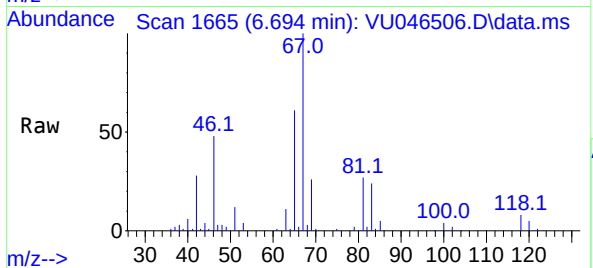
RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

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Tgt Ion:	83	Resp:	13763
Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.6#
98	0.5	38.4	57.6#



#37

1,2-Dichloropropane

Concen: 5.507 ug/L

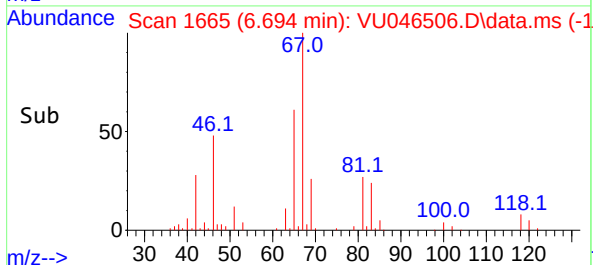
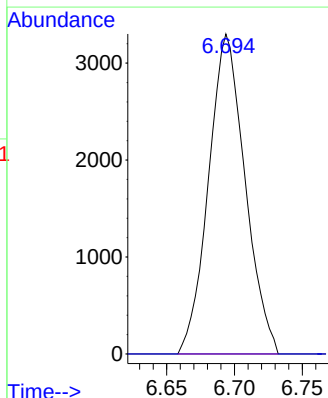
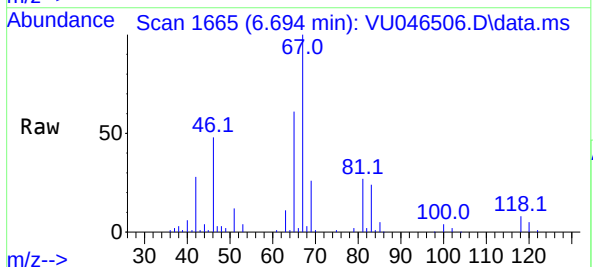
RT: 6.694 min Scan# 1665

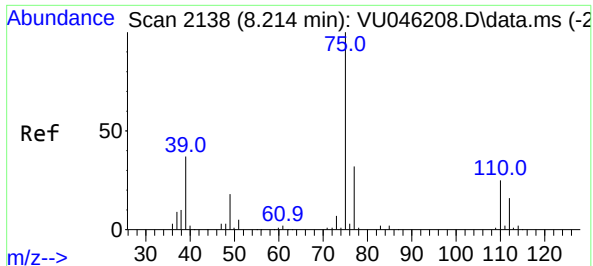
Delta R.T. -0.100 min

Lab File: VU046506.D

Acq: 20 Dec 2021 12:22

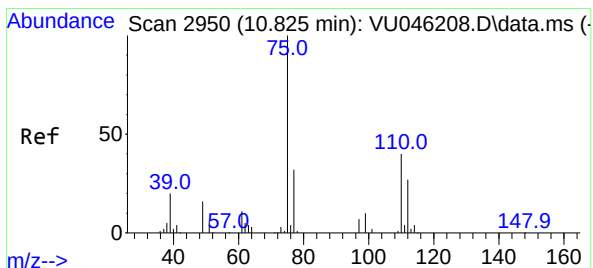
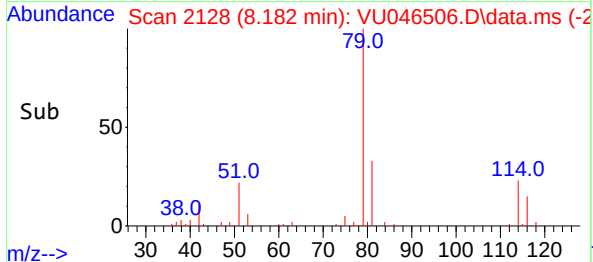
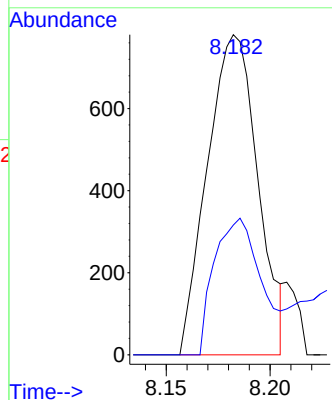
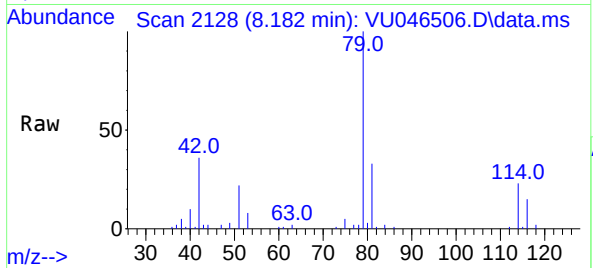
Tgt Ion:	63	Resp:	6184
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#





#44
trans-1,3-Dichloropropene
Concen: 0.784 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU046506.D
Acq: 20 Dec 2021 12:22

Tgt Ion: 75 Resp: 1316
Ion Ratio Lower Upper
75 100
77 40.5 21.7 40.3#



#60
1,2,3-Trichloropropane
Concen: 5.693 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046506.D
Acq: 20 Dec 2021 12:22

Tgt Ion: 75 Resp: 8736
Ion Ratio Lower Upper
75 100
77 32.3 26.4 39.6
110 1.4 32.4 48.6#

