

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122021\
 Data File : VU046505.D
 Acq On : 20 Dec 2021 11:58
 Operator : SY/MD
 Sample : VU1220MBL01
 Misc : 5.00g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 20 15:46:30 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

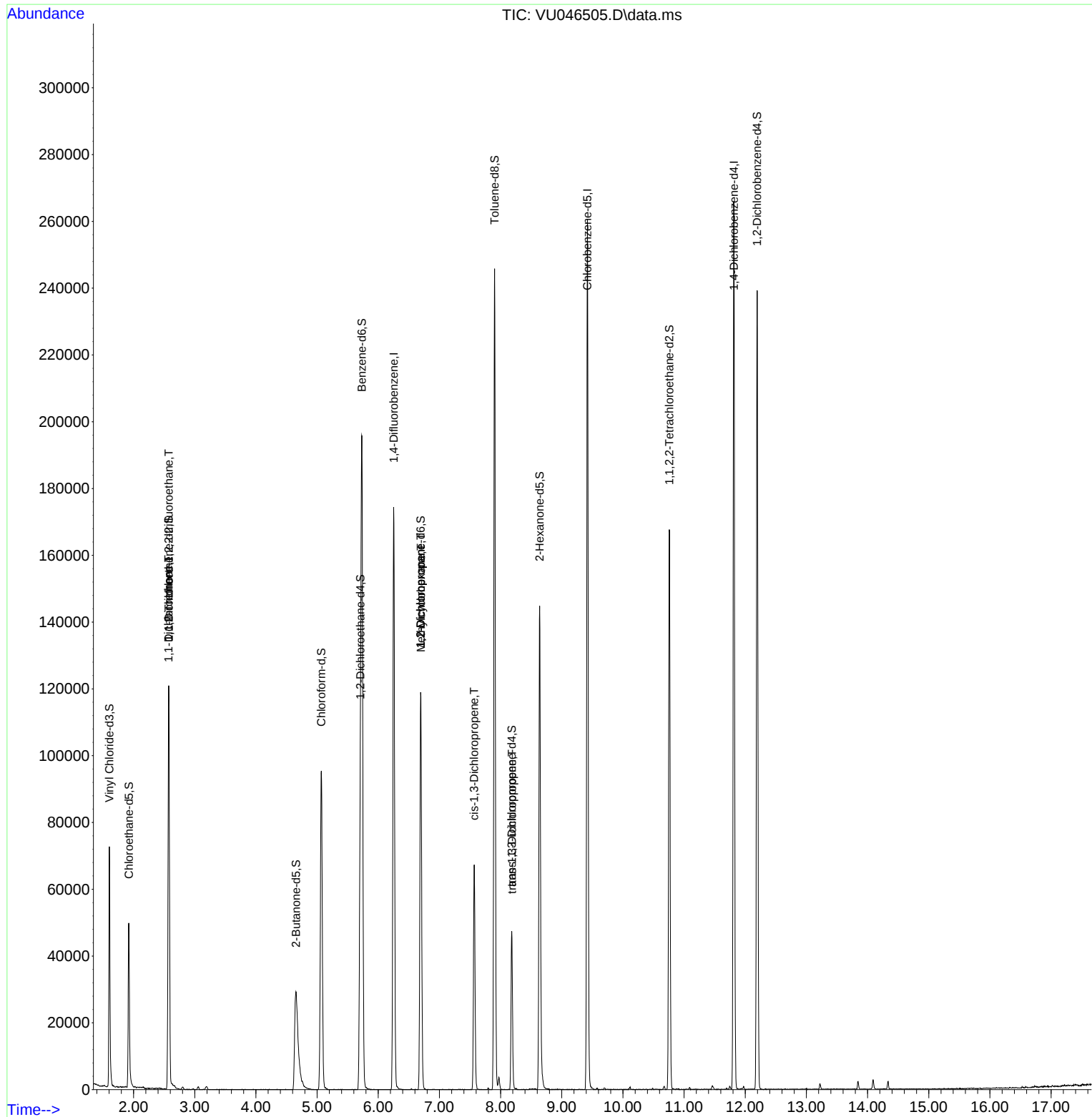
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

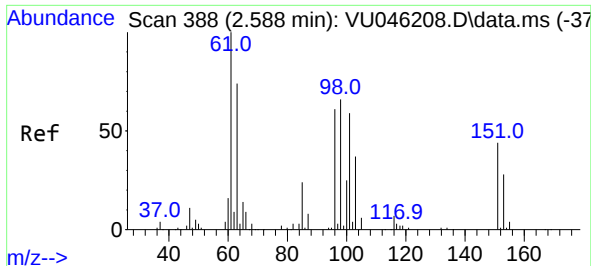
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	140359	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	142904	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	69960	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	55508	48.009	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.020%
7) Chloroethane-d5	1.922	69	41399	46.635	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.260%
11) 1,1-Dichloroethene-d2	2.575	63	72838	35.093	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.180%
21) 2-Butanone-d5	4.655	46	72407	78.778	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.780%
24) Chloroform-d	5.070	84	91598	47.440	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.880%
26) 1,2-Dichloroethane-d4	5.706	65	61877	47.752	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.500%
32) Benzene-d6	5.732	84	184000	44.923	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.840%
36) 1,2-Dichloropropane-d6	6.693	67	55843	43.992	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.980%
41) Toluene-d8	7.902	98	161889	43.410	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.820%
43) trans-1,3-Dichloroprop...	8.182	79	27578	45.005	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.020%
47) 2-Hexanone-d5	8.639	63	56945	94.615	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.610%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	82221	42.711	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.420%
66) 1,2-Dichlorobenzene-d4	12.195	152	60261	44.727	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.460%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	642	0.629	ug/L #	21
12) 1,1-Dichloroethene	2.571	96	501	0.516	ug/L #	1
35) Methylcyclohexane	6.697	83	13961	7.902	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	6526	5.760	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1768	1.026	ug/L #	70
44) trans-1,3-Dichloropropene	8.185	75	1417	0.837	ug/L	92

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

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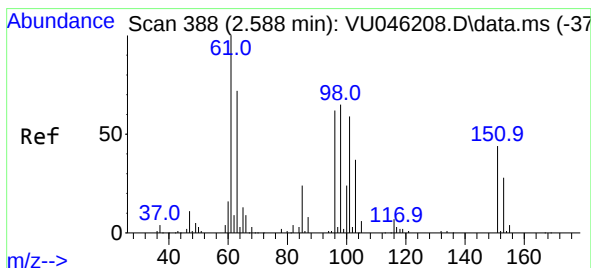
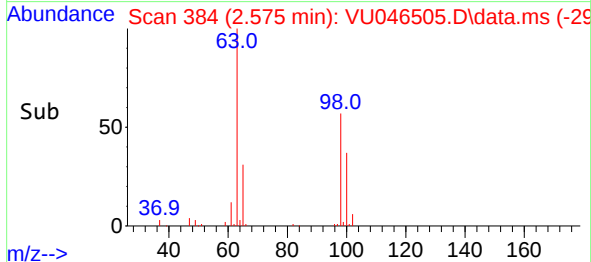
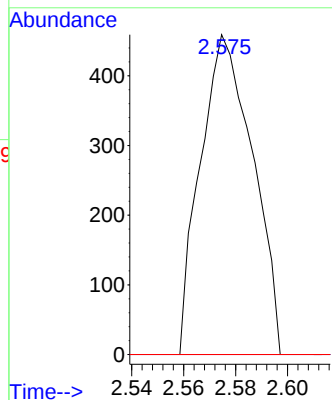
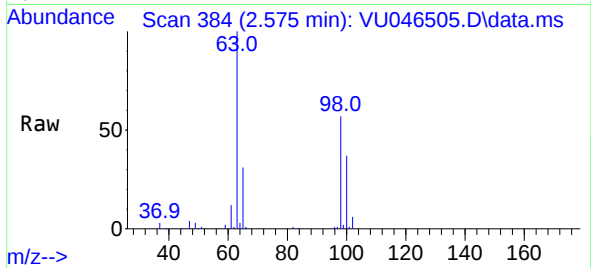
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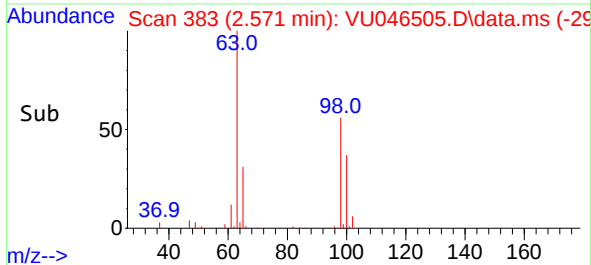
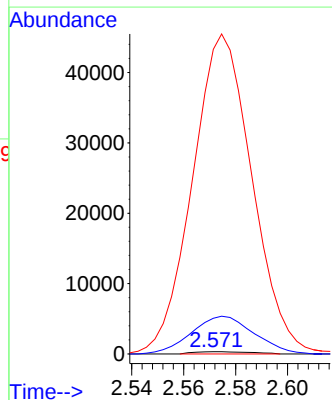
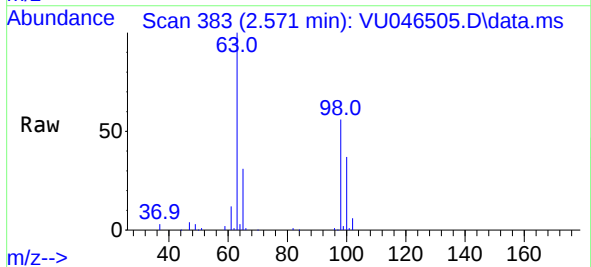
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.629 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU046505.D
Acq: 20 Dec 2021 11:58

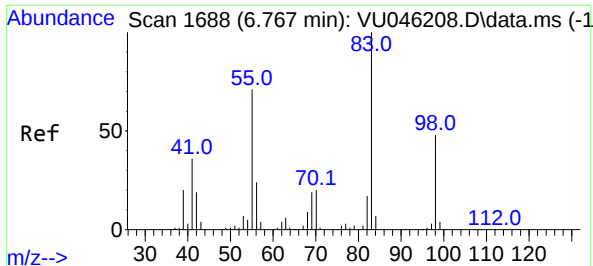
Tgt Ion:101 Resp: 642
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.516 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046505.D
Acq: 20 Dec 2021 11:58

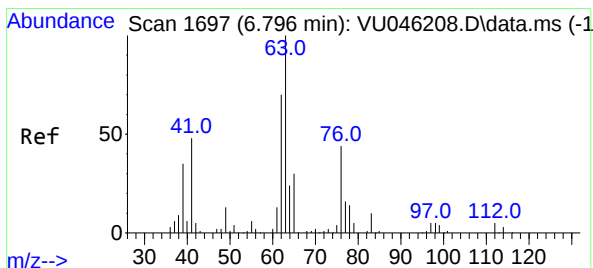
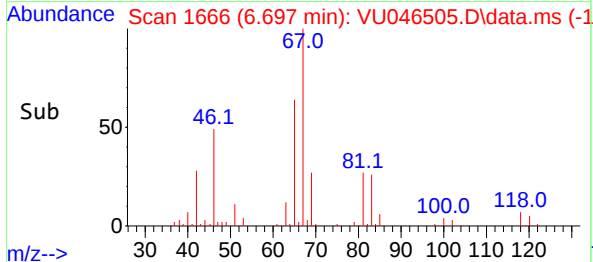
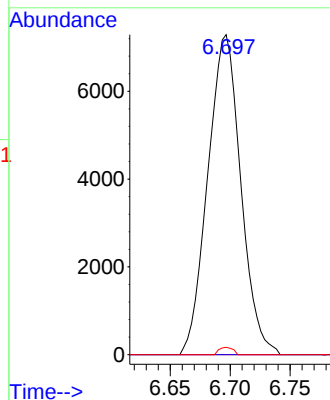
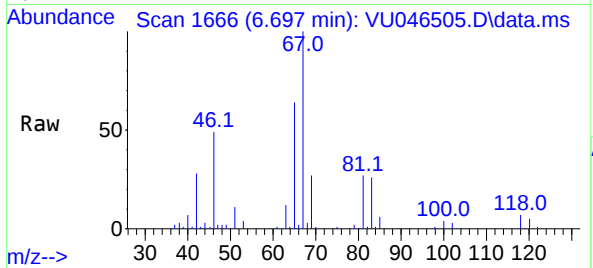
Tgt Ion: 96 Resp: 501
Ion Ratio Lower Upper
96 100
61 1540.3 118.6 220.2#
63 13117.6 93.0 172.8#





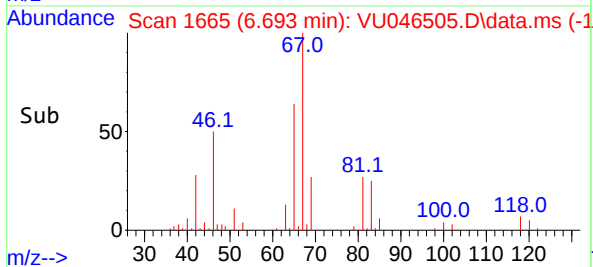
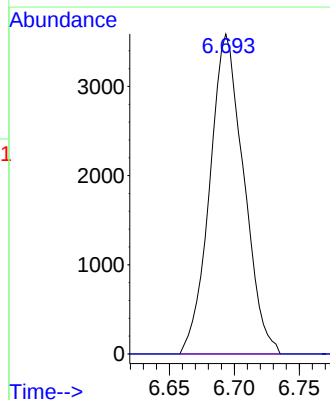
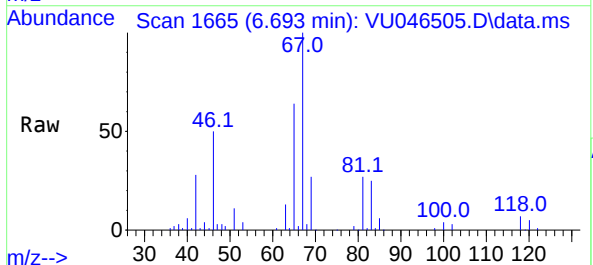
#35
Methylcyclohexane
Concen: 7.902 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.071 min
Lab File: VU046505.D
Acq: 20 Dec 2021 11:58

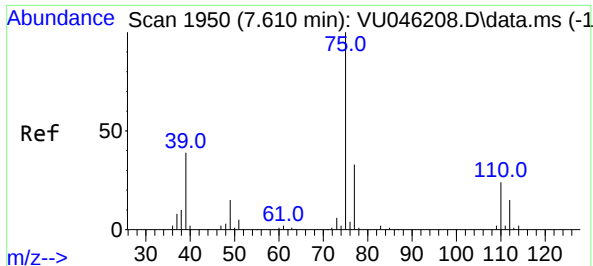
Tgt Ion:	83	Resp:	13961
Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.6#
98	1.0	38.4	57.6#



#37
1,2-Dichloropropane
Concen: 5.760 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU046505.D
Acq: 20 Dec 2021 11:58

Tgt Ion:	63	Resp:	6526
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#

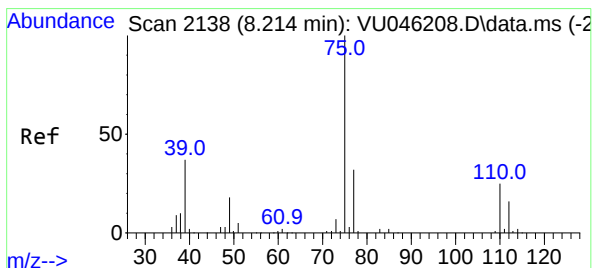
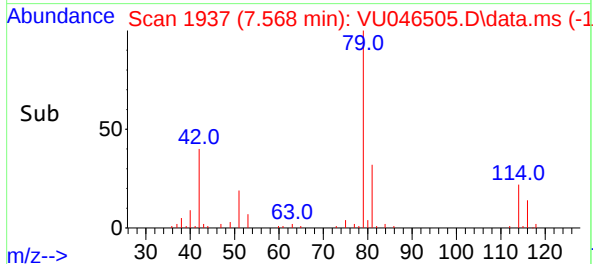
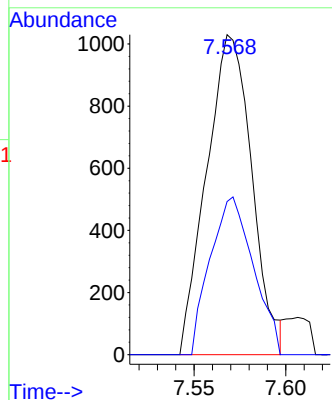
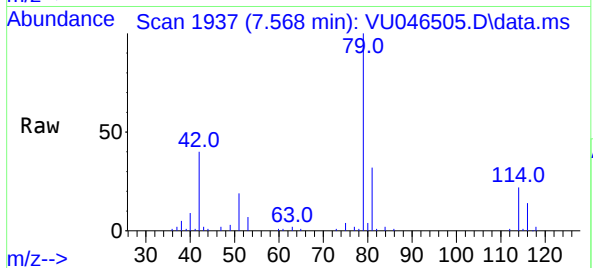




#39

cis-1,3-Dichloropropene
Concen: 1.026 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU046505.D
Acq: 20 Dec 2021 11:58

Tgt Ion: 75 Resp: 1768
Ion Ratio Lower Upper
75 100
77 47.9 21.8 40.6#



#44

trans-1,3-Dichloropropene
Concen: 0.837 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU046505.D
Acq: 20 Dec 2021 11:58

Tgt Ion: 75 Resp: 1417
Ion Ratio Lower Upper
75 100
77 35.5 21.7 40.3

