

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122021\
 Data File : VU046514.D
 Acq On : 20 Dec 2021 16:52
 Operator : SY/MD
 Sample : M5121-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 20 17:14:17 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

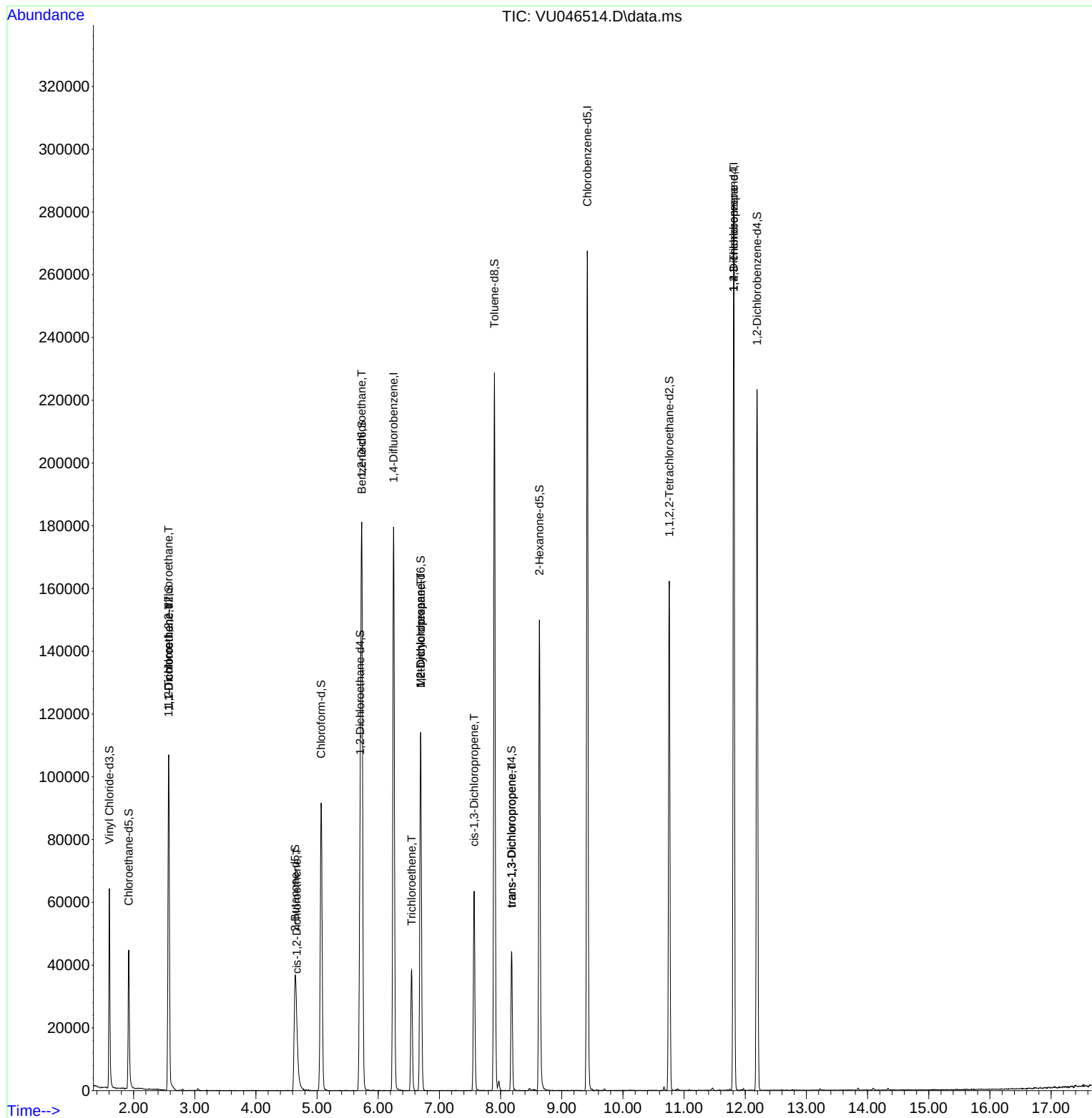
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

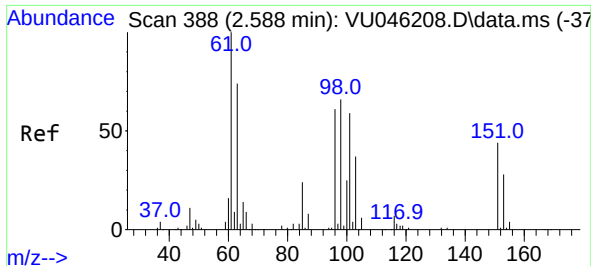
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	145808	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	147999	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	73556	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	49107	40.885	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.780%		
7) Chloroethane-d5	1.919	69	36711	39.809	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.620%		
11) 1,1-Dichloroethene-d2	2.575	63	64364	29.851	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.700%#		
21) 2-Butanone-d5	4.642	46	74431	77.954	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	77.950%		
24) Chloroform-d	5.067	84	86753	43.252	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.500%		
26) 1,2-Dichloroethane-d4	5.703	65	58429	43.406	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.820%		
32) Benzene-d6	5.732	84	171018	40.316	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.640%		
36) 1,2-Dichloropropane-d6	6.694	67	53105	40.395	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	80.800%		
41) Toluene-d8	7.899	98	149220	38.636	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.280%#		
43) trans-1,3-Dichloroprop...	8.179	79	25900	40.812	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.620%		
47) 2-Hexanone-d5	8.636	63	55656	89.290	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.290%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	78755	39.502	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	79.000%		
66) 1,2-Dichlorobenzene-d4	12.195	152	58600	41.368	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.740%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	650	0.613	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	443	0.439	ug/L #	1
20) cis-1,2-Dichloroethene	4.668	96	1175	1.015	ug/L	83
27) 1,2-Dichloroethane	5.729	62	884	0.553	ug/L #	73
34) Trichloroethene	6.546	95	13564	11.494	ug/L	98
35) Methylcyclohexane	6.694	83	13078	7.148	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	5936	5.059	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1591	0.891	ug/L #	73
44) trans-1,3-Dichloropropene	8.182	75	1202	0.686	ug/L #	79
60) 1,2,3-Trichloropropane	11.812	75	9036	5.604	ug/L #	66

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

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Misc : 5.0mL/MSVOA_U/WATER
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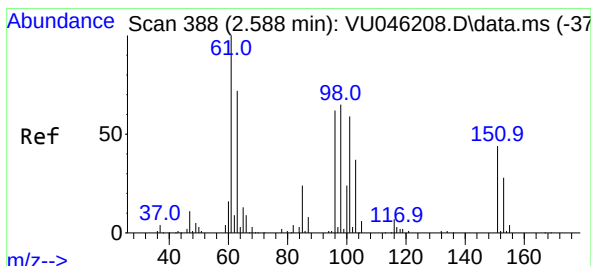
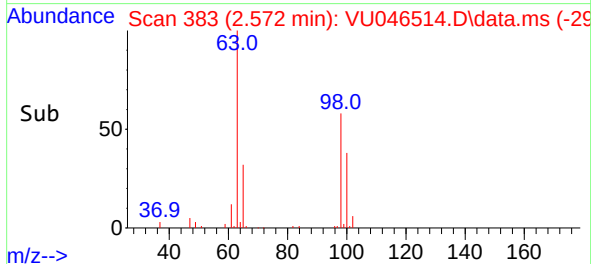
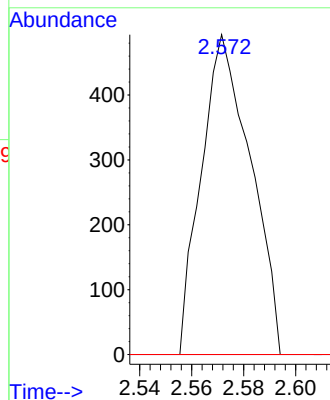
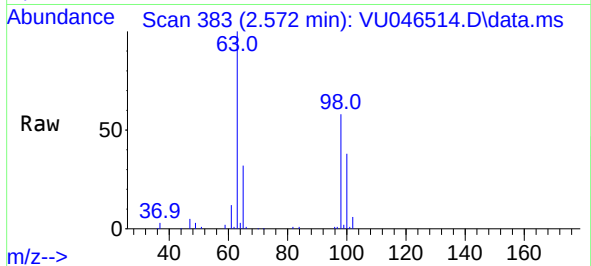
Quant Time: Dec 20 17:14:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Dec 20 00:25:10 2021
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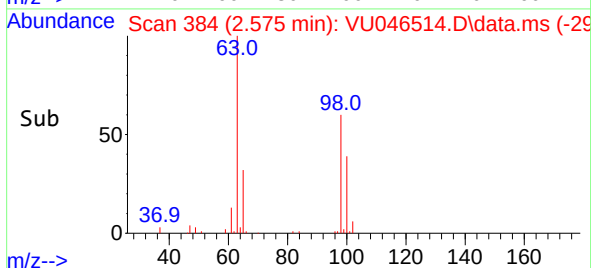
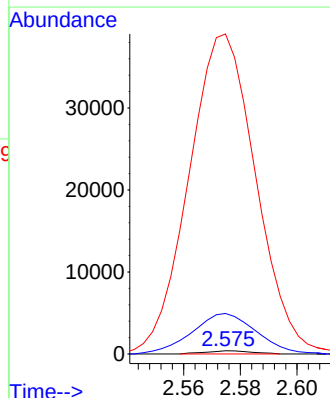
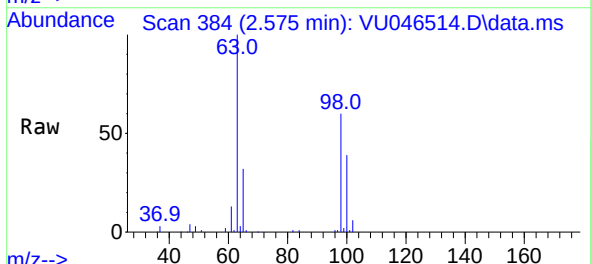
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.613 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046514.D
Acq: 20 Dec 2021 16:52

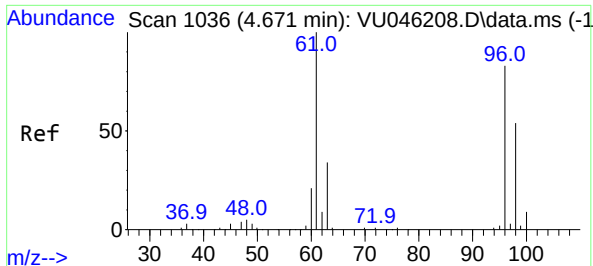
Tgt Ion:101 Resp: 650
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.439 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU046514.D
Acq: 20 Dec 2021 16:52

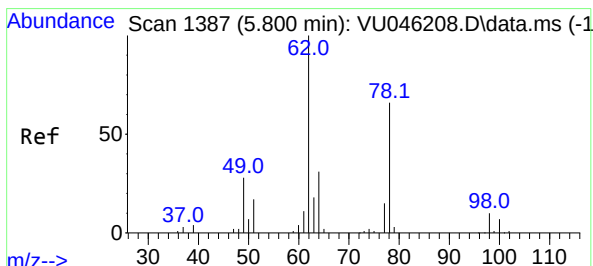
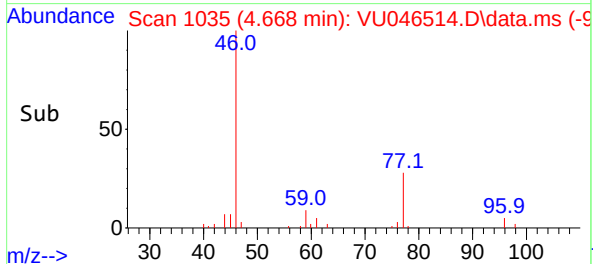
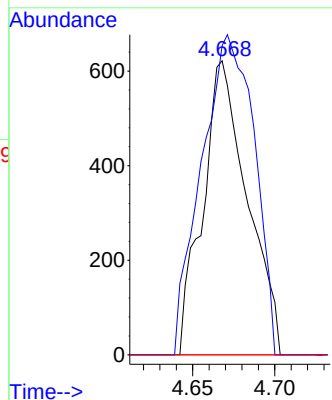
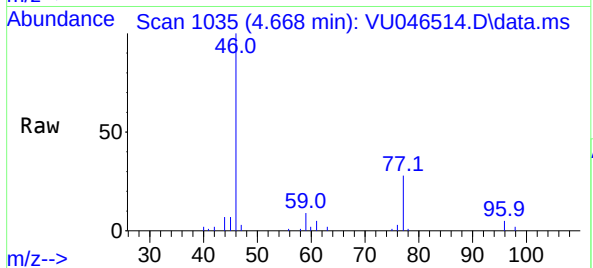
Tgt Ion: 96 Resp: 443
Ion Ratio Lower Upper
96 100
61 1294.0 118.6 220.2#
63 10215.7 93.0 172.8#





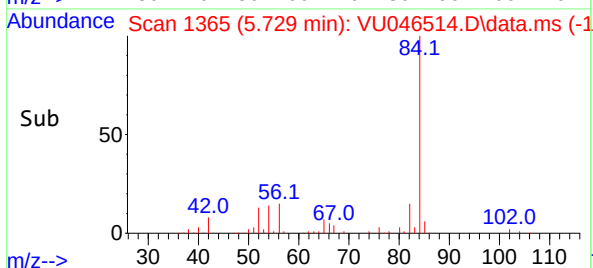
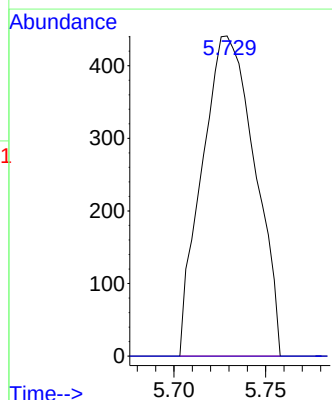
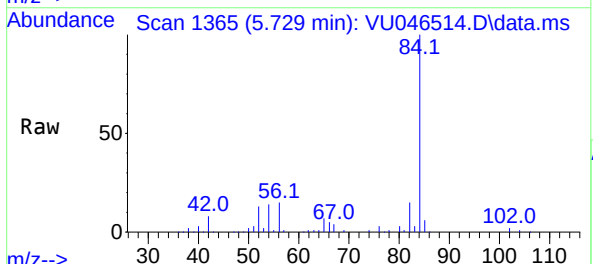
#20
cis-1,2-Dichloroethene
Concen: 1.015 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VU046514.D
Acq: 20 Dec 2021 16:52

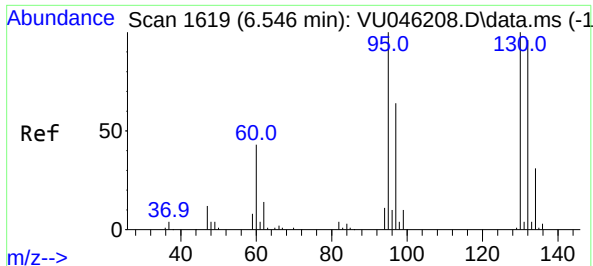
Tgt Ion: 96	Resp: 1175
Ion Ratio	Lower Upper
96 100	
61 105.1	86.8 161.2
68 0.0	0.0 0.0



#27
1,2-Dichloroethane
Concen: 0.553 ug/L
RT: 5.729 min Scan# 1365
Delta R.T. -0.071 min
Lab File: VU046514.D
Acq: 20 Dec 2021 16:52

Tgt Ion: 62	Resp: 884
Ion Ratio	Lower Upper
62 100	
98 0.0	7.9 11.9#

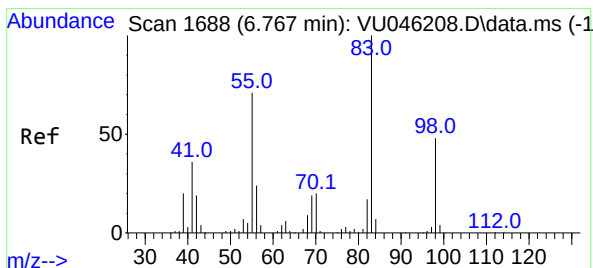
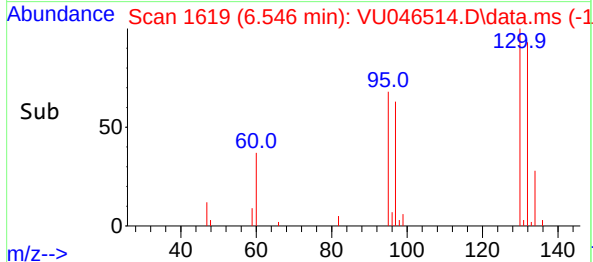
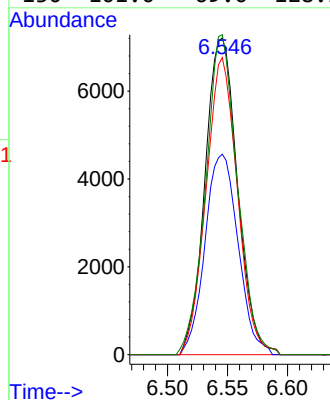
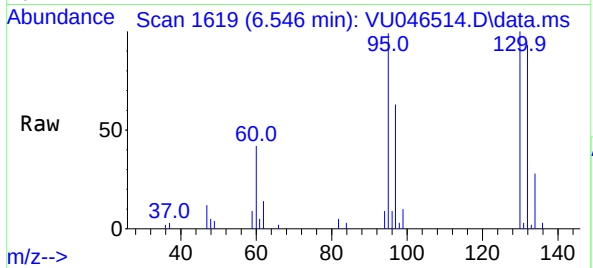




#34
Trichloroethene
Concen: 11.494 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046514.D
Acq: 20 Dec 2021 16:52

Tgt Ion: 95 Resp: 13564

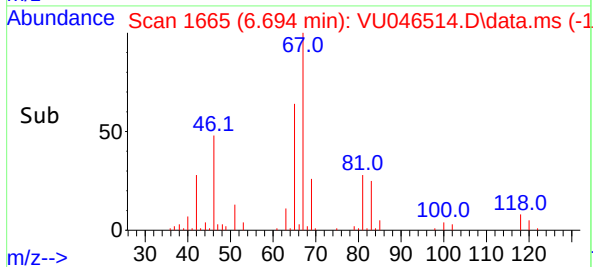
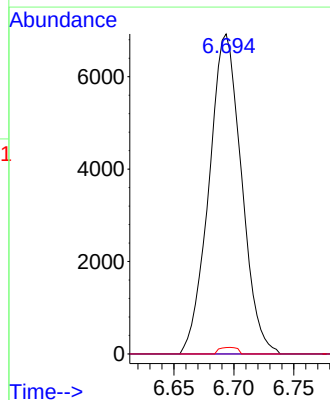
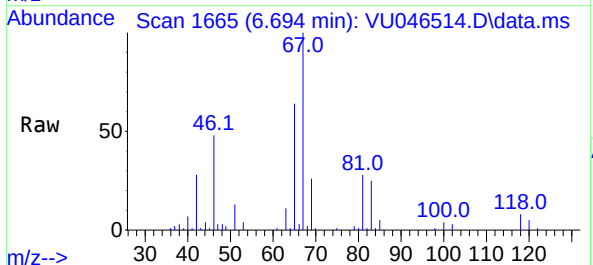
Ion	Ratio	Lower	Upper
95	100		
97	63.3	44.1	81.9
132	93.7	66.8	124.0
130	101.0	69.0	128.1

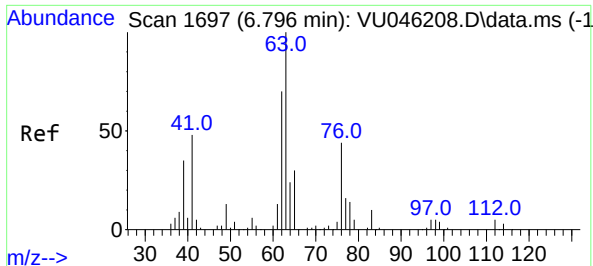


#35
Methylcyclohexane
Concen: 7.148 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046514.D
Acq: 20 Dec 2021 16:52

Tgt Ion: 83 Resp: 13078

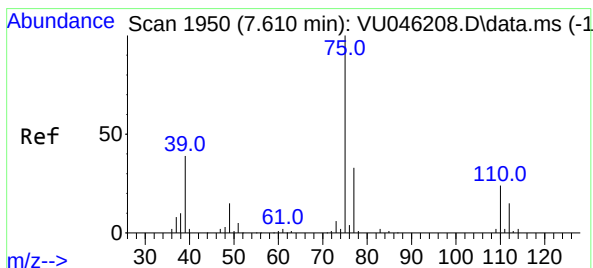
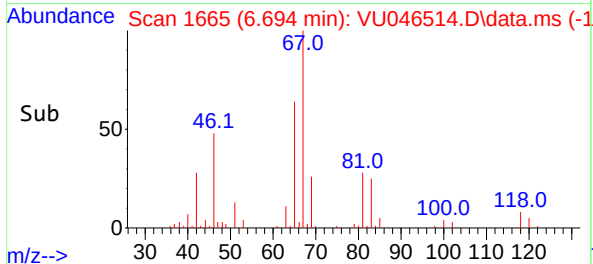
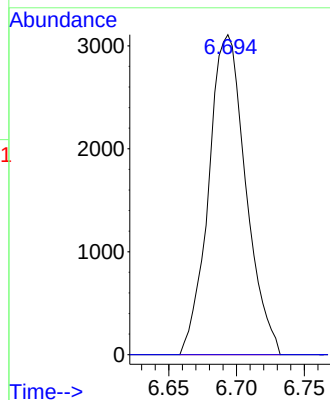
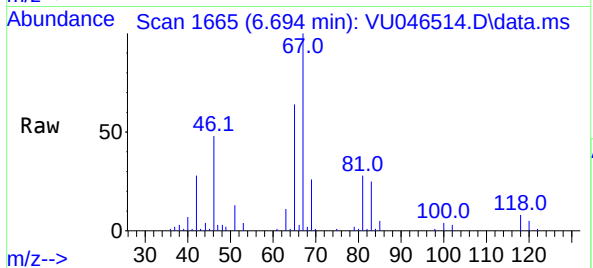
Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.6#
98	1.1	38.4	57.6#





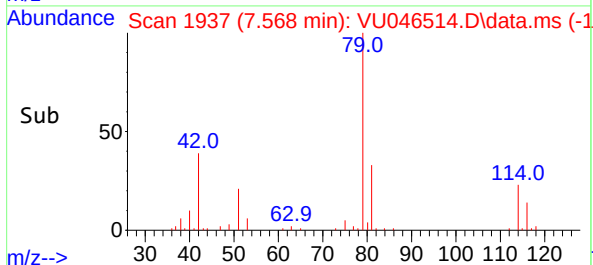
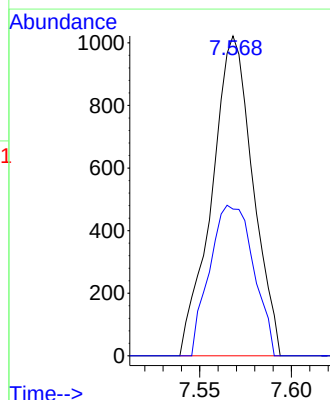
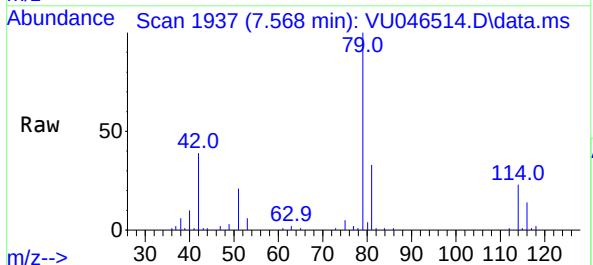
#37
1,2-Dichloropropane
Concen: 5.059 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU046514.D
Acq: 20 Dec 2021 16:52

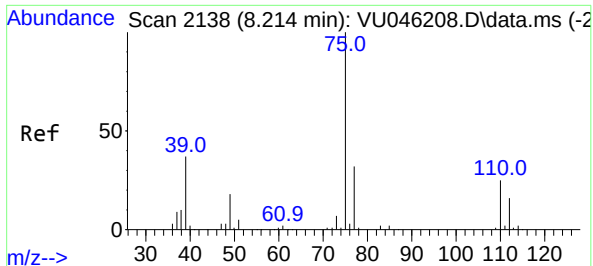
Tgt Ion: 63 Resp: 5936
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#39
cis-1,3-Dichloropropene
Concen: 0.891 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU046514.D
Acq: 20 Dec 2021 16:52

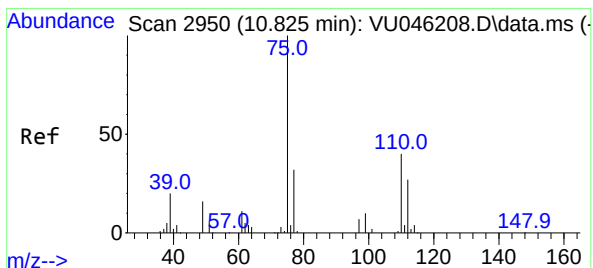
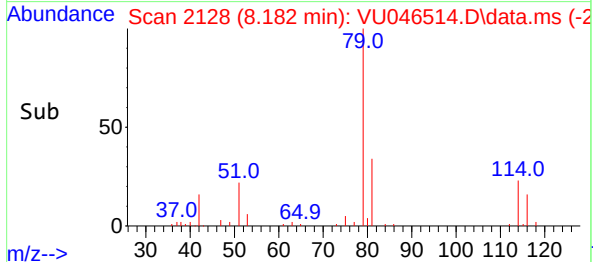
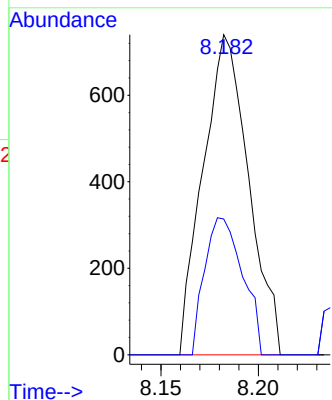
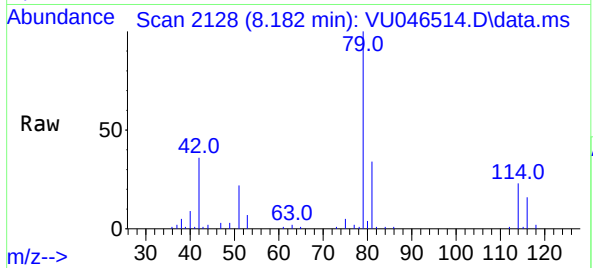
Tgt Ion: 75 Resp: 1591
Ion Ratio Lower Upper
75 100
77 45.9 21.8 40.6#





#44
trans-1,3-Dichloropropene
Concen: 0.686 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU046514.D
Acq: 20 Dec 2021 16:52

Tgt Ion: 75 Resp: 1202
Ion Ratio Lower Upper
75 100
77 42.4 21.7 40.3#



#60
1,2,3-Trichloropropane
Concen: 5.604 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046514.D
Acq: 20 Dec 2021 16:52

Tgt Ion: 75 Resp: 9036
Ion Ratio Lower Upper
75 100
77 31.6 26.4 39.6
110 3.1 32.4 48.6#

