

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122021\
 Data File : VU046519.D
 Acq On : 20 Dec 2021 18:45
 Operator : SY/MD
 Sample : M5121-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 21 00:18:01 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

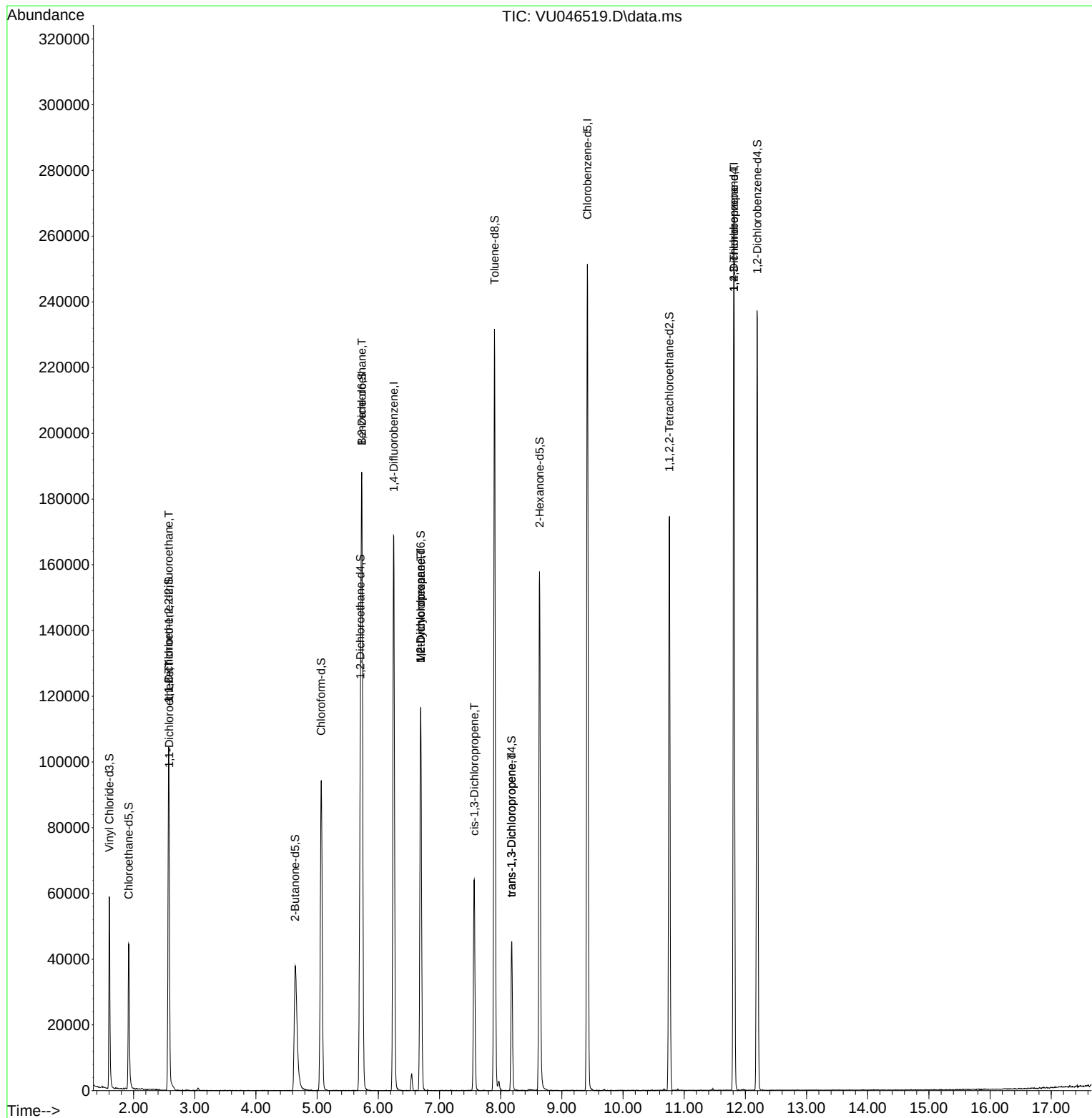
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

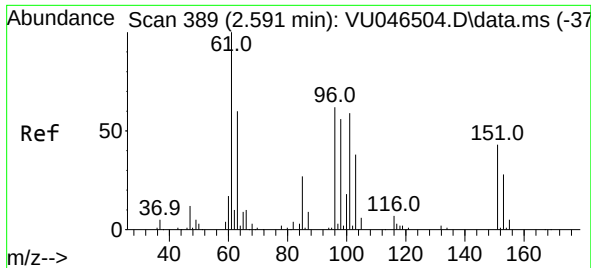
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	137135	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	141318	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	69699	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	44826	39.681	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.360%		
7) Chloroethane-d5	1.919	69	36651	42.257	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.520%		
11) 1,1-Dichloroethene-d2	2.575	63	62932	31.033	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.060%		
21) 2-Butanone-d5	4.642	46	79331	88.340	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.340%		
24) Chloroform-d	5.067	84	89873	47.641	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.280%		
26) 1,2-Dichloroethane-d4	5.706	65	61227	48.362	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.720%		
32) Benzene-d6	5.732	84	176454	43.564	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.120%		
36) 1,2-Dichloropropane-d6	6.694	67	54186	43.166	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.340%		
41) Toluene-d8	7.899	98	153009	41.490	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.980%		
43) trans-1,3-Dichloroprop...	8.179	79	26387	43.545	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.080%		
47) 2-Hexanone-d5	8.636	63	59490	99.953	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.950%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	84176	44.217	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.440%		
66) 1,2-Dichlorobenzene-d4	12.195	152	60293	44.918	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.840%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	567	0.568	ug/L #	21
12) 1,1-Dichloroethene	2.581	96	385	0.406	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	922	0.613	ug/L #	73
35) Methylcyclohexane	6.694	83	13754	7.872	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	6057	5.406	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1669	0.979	ug/L #	71
44) trans-1,3-Dichloropropene	8.179	75	1063	0.635	ug/L #	75
60) 1,2,3-Trichloropropane	11.812	75	8367	5.476	ug/L #	65

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

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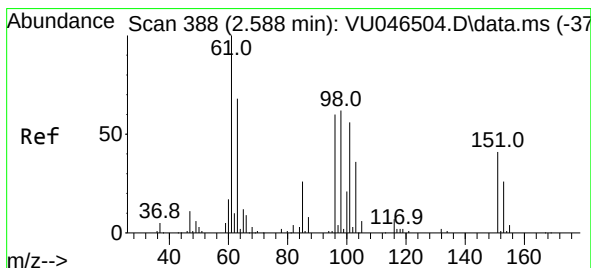
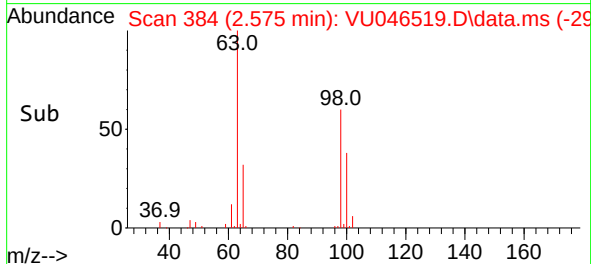
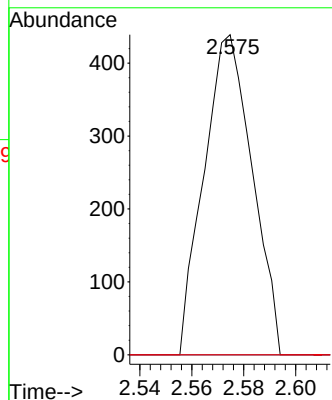
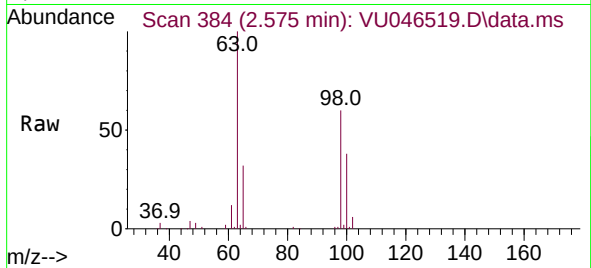
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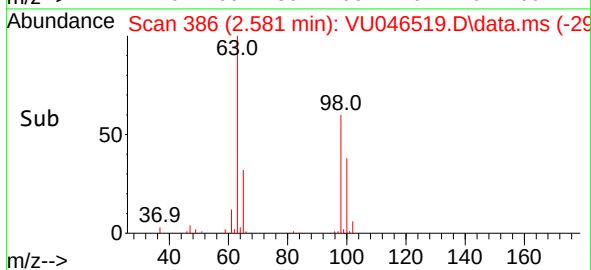
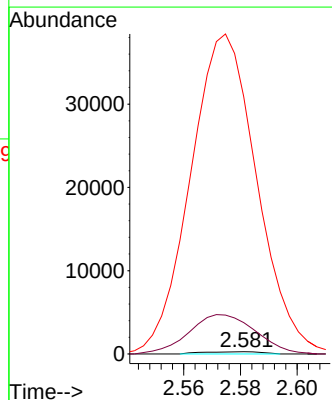
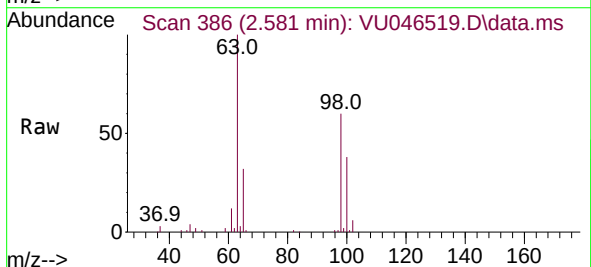
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.568 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU046519.D
Acq: 20 Dec 2021 18:45

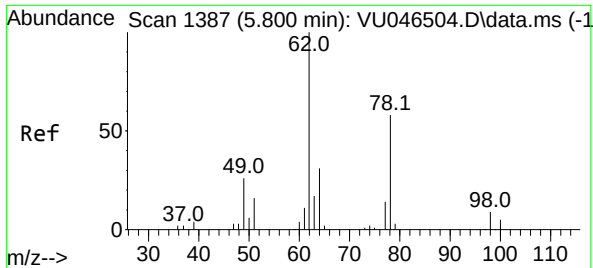
Tgt Ion: 101 Resp: 567
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.406 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.006 min
Lab File: VU046519.D
Acq: 20 Dec 2021 18:45

Tgt Ion: 96 Resp: 385
Ion Ratio Lower Upper
96 100
61 1434.7 118.6 220.2#
63 11789.3 93.0 172.8#





#27

1,2-Dichloroethane

Concen: 0.613 ug/L

RT: 5.732 min Scan# 1366

Delta R.T. -0.067 min

Lab File: VU046519.D

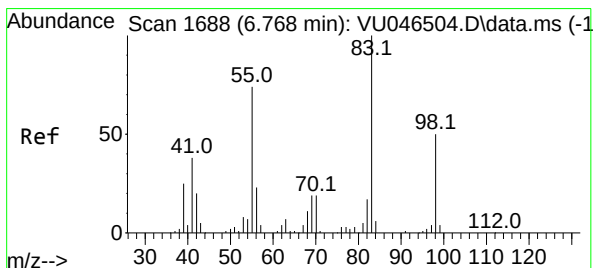
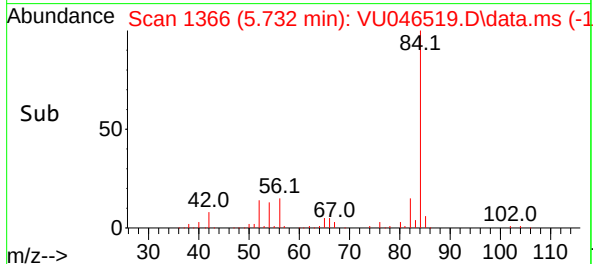
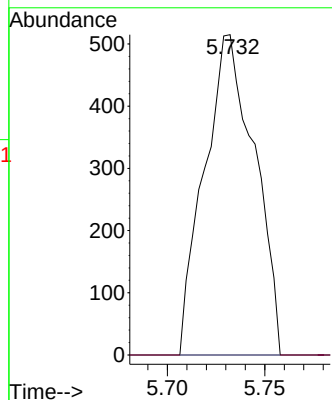
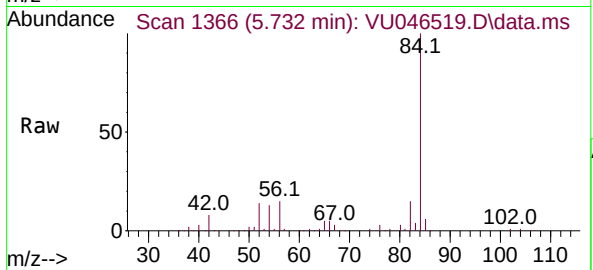
Acq: 20 Dec 2021 18:45

Tgt Ion: 62 Resp: 922

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 7.872 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046519.D

Acq: 20 Dec 2021 18:45

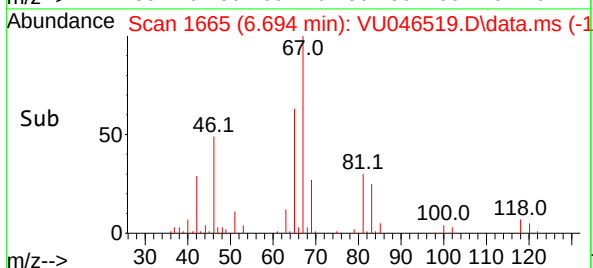
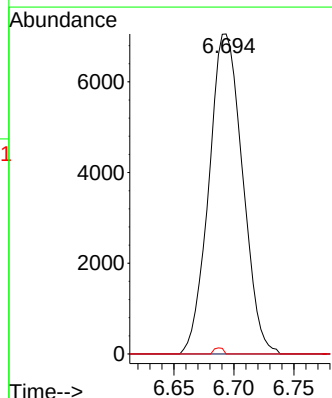
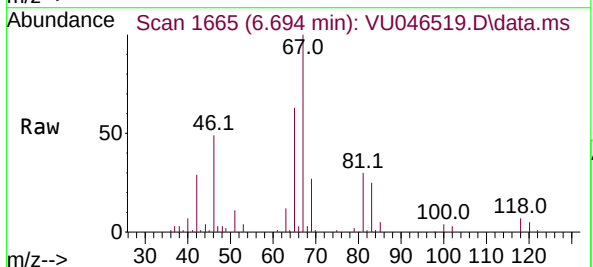
Tgt Ion: 83 Resp: 13754

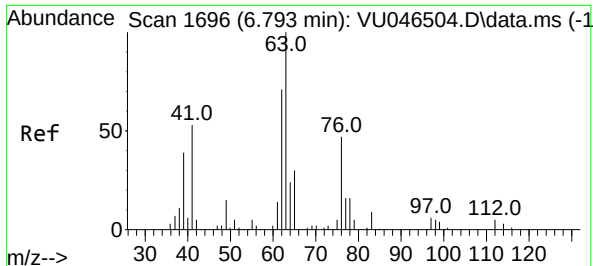
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.5 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.406 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU046519.D

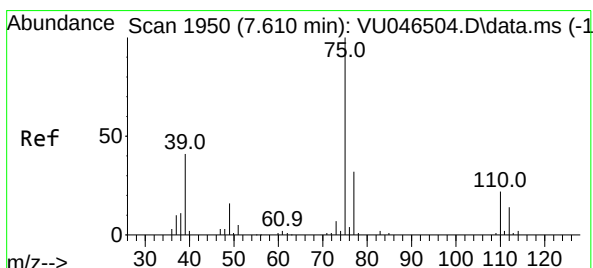
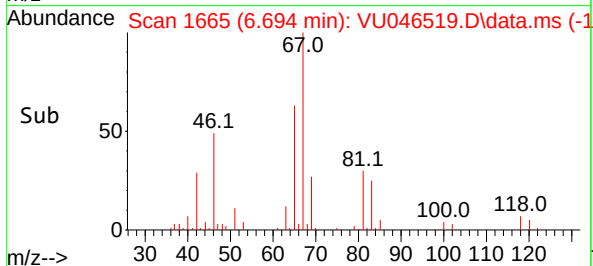
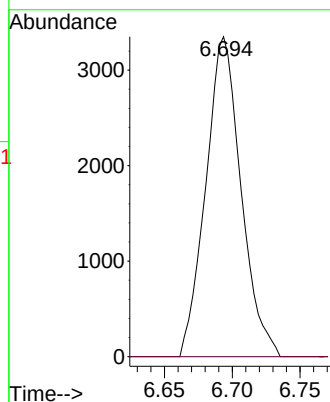
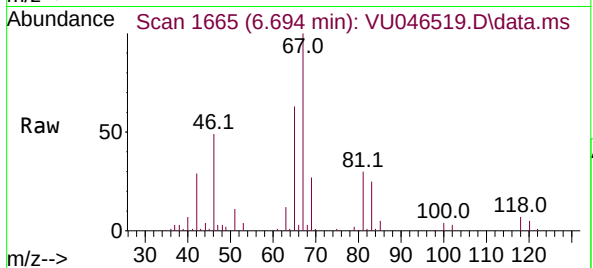
Acq: 20 Dec 2021 18:45

Tgt Ion: 63 Resp: 6057

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.979 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046519.D

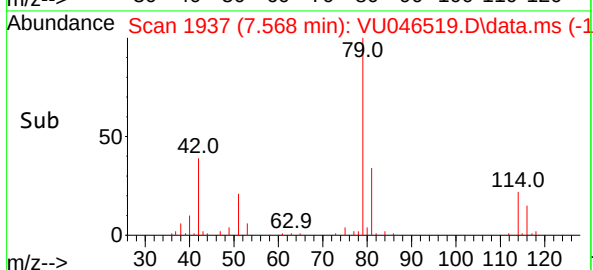
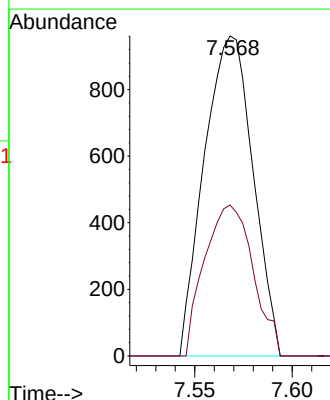
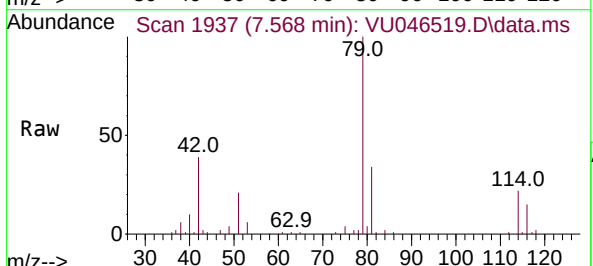
Acq: 20 Dec 2021 18:45

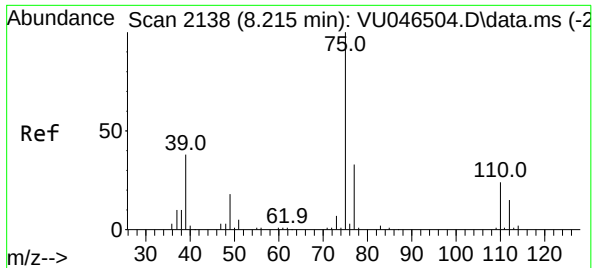
Tgt Ion: 75 Resp: 1669

Ion Ratio Lower Upper

75 100

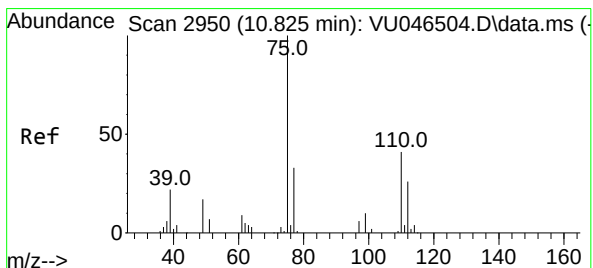
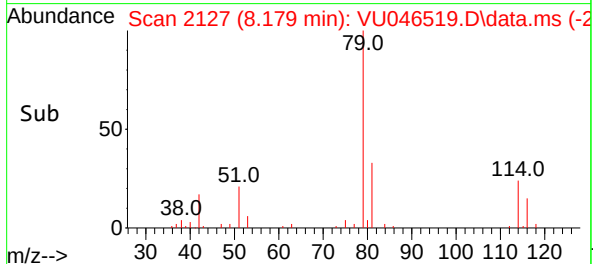
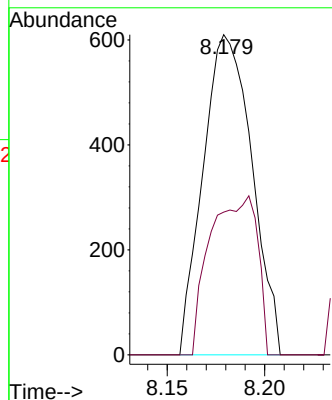
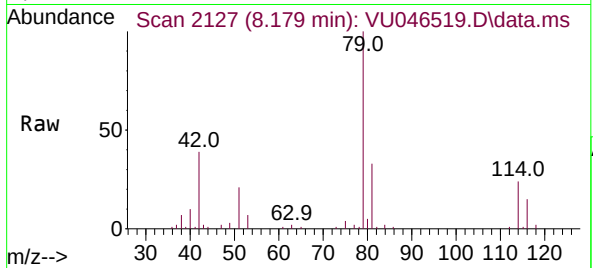
77 47.1 21.8 40.6#





#44
trans-1,3-Dichloropropene
Concen: 0.635 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.035 min
Lab File: VU046519.D
Acq: 20 Dec 2021 18:45

Tgt Ion: 75 Resp: 1063
Ion Ratio Lower Upper
75 100
77 44.6 21.7 40.3#



#60
1,2,3-Trichloropropane
Concen: 5.476 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046519.D
Acq: 20 Dec 2021 18:45

Tgt Ion: 75 Resp: 8367
Ion Ratio Lower Upper
75 100
77 34.2 26.4 39.6
110 1.6 32.4 48.6#

