

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
 Data File : VU046091.D
 Acq On : 04 Dec 2021 14:28
 Operator : SY/MD
 Sample : M4942-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 05 08:15:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

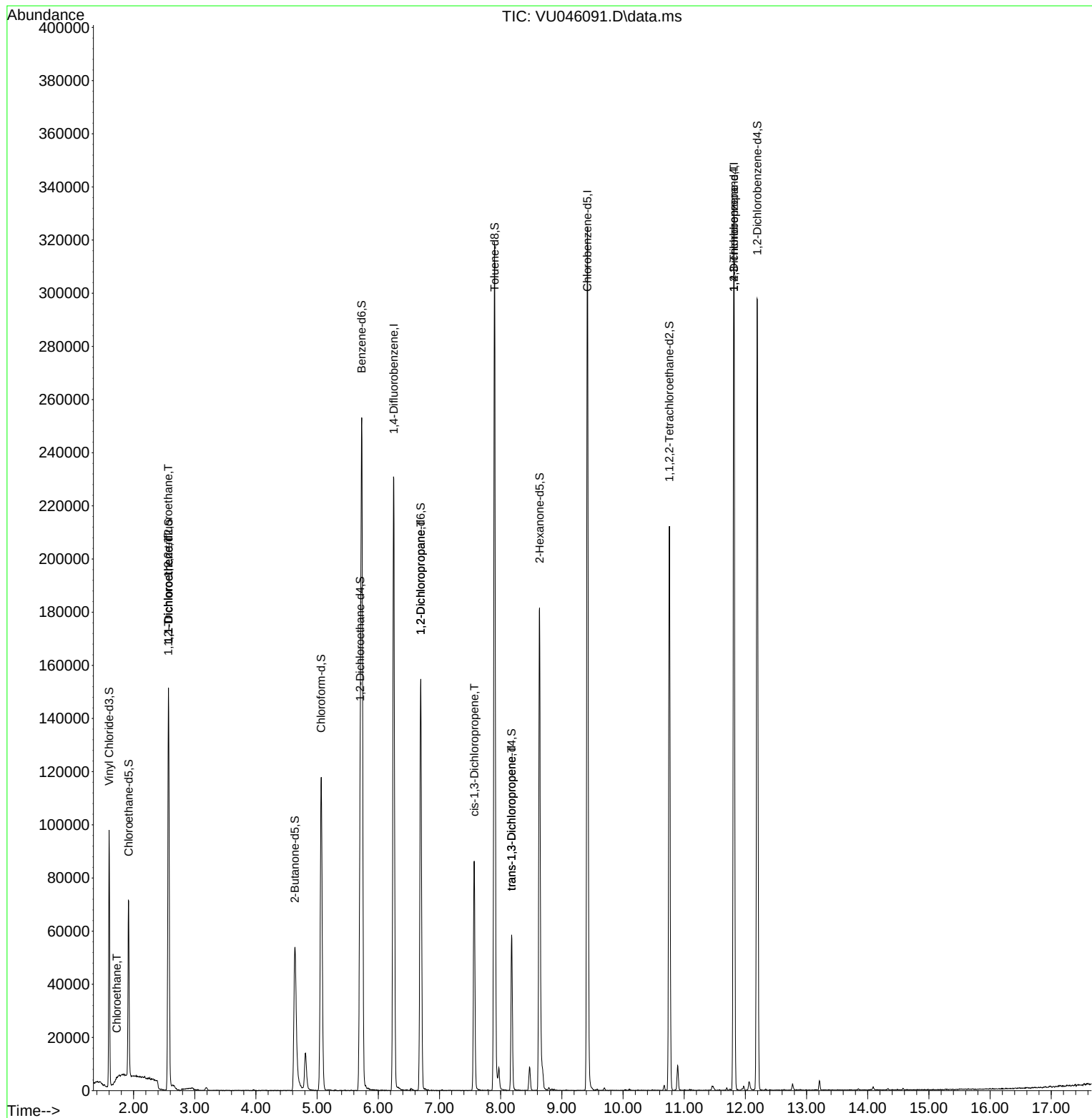
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	190067	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	185472	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	87123	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	67180	42.908	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.820%		
7) Chloroethane-d5	1.919	69	48509	40.353	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.700%		
11) 1,1-Dichloroethene-d2	2.572	63	89809	31.953	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.900%		
21) 2-Butanone-d5	4.636	46	93876	75.424	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	75.420%		
24) Chloroform-d	5.067	84	110169	42.136	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.280%		
26) 1,2-Dichloroethane-d4	5.703	65	74111	42.236	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.480%		
32) Benzene-d6	5.729	84	238975	44.954	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.900%		
36) 1,2-Dichloropropane-d6	6.694	67	73588	44.666	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.340%		
41) Toluene-d8	7.899	98	214785	44.376	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.760%		
43) trans-1,3-Dichloroprop...	8.179	79	33927	42.659	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.320%		
47) 2-Hexanone-d5	8.636	63	66139	84.669	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.670%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	106192	42.502	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.000%		
66) 1,2-Dichlorobenzene-d4	12.195	152	79919	47.632	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.260%		
Target Compounds						Qvalue
8) Chloroethane	1.726	64	6668	6.175	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	790	0.571	ug/L #	21
12) 1,1-Dichloroethene	2.572	96	628	0.478	ug/L #	1
37) 1,2-Dichloropropane	6.694	63	7797	5.302	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2058	0.920	ug/L #	53
44) trans-1,3-Dichloropropene	8.179	75	1443	0.657	ug/L #	82
60) 1,2,3-Trichloropropane	11.812	75	11222	5.876	ug/L #	65

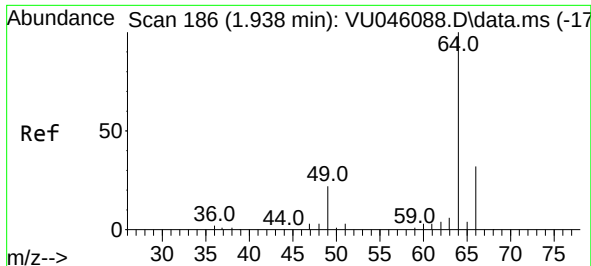
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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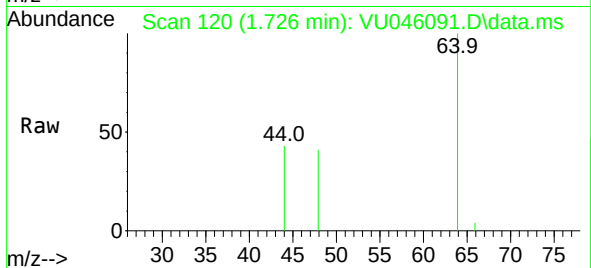
Quant Time: Dec 05 08:15:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration



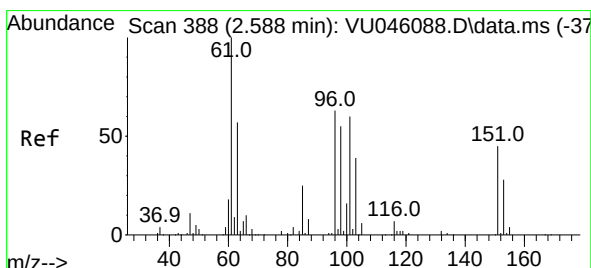
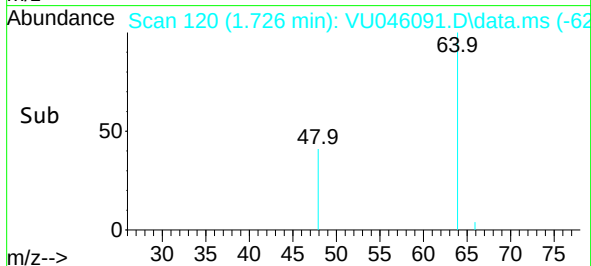
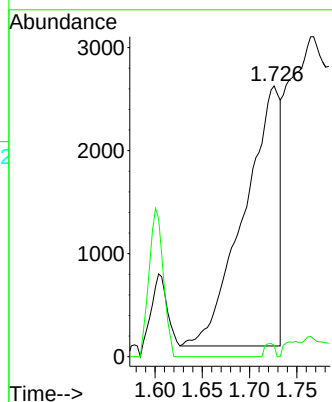


#8
Chloroethane
Concen: 6.175 ug/L
RT: 1.726 min Scan# 11
Delta R.T. -0.212 min
Lab File: VU046091.D
Acq: 04 Dec 2021 14:28

Instrument :
MSVOA_U
ClientSampleId :

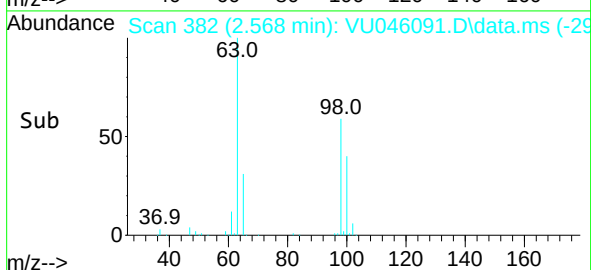
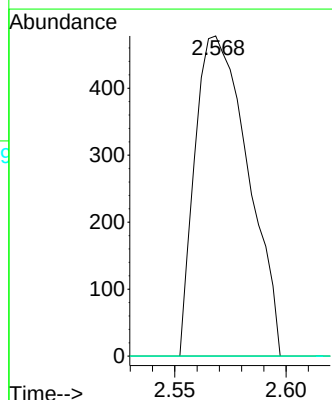
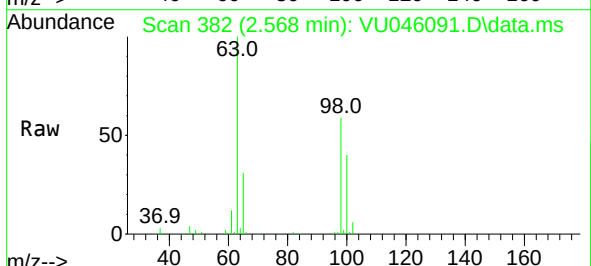


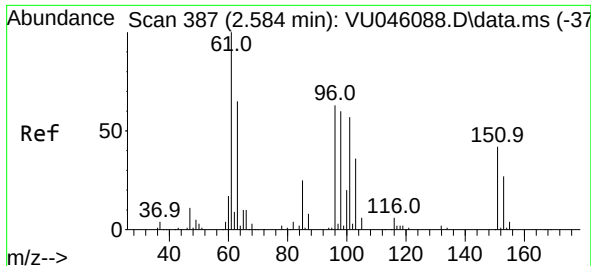
Tgt Ion: 64 Resp: 6668
Ion Ratio Lower Upper
64 100
66 4.3 22.5 41.9#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.571 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.019 min
Lab File: VU046091.D
Acq: 04 Dec 2021 14:28

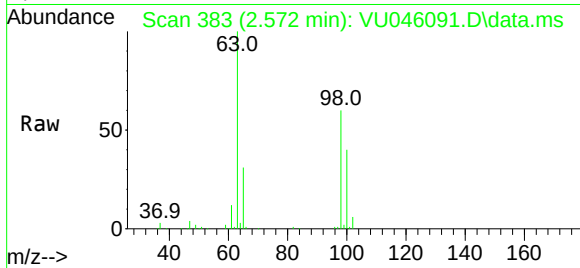
Tgt Ion: 101 Resp: 790
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



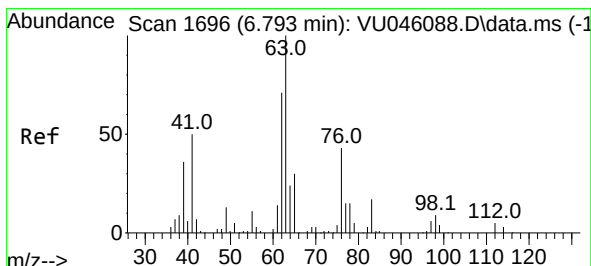
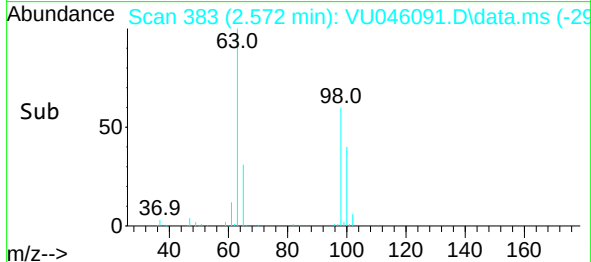
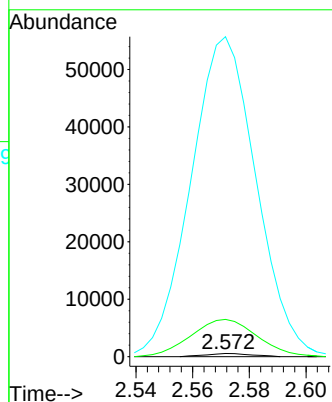


#12
 1,1-Dichloroethene
 Concen: 0.478 ug/L
 RT: 2.572 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: VU046091.D
 Acq: 04 Dec 2021 14:28

Instrument :
 MSVOA_U
 ClientSampleId :

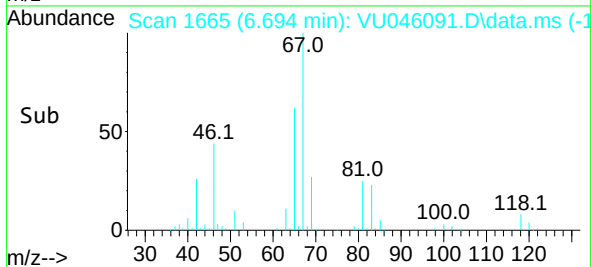
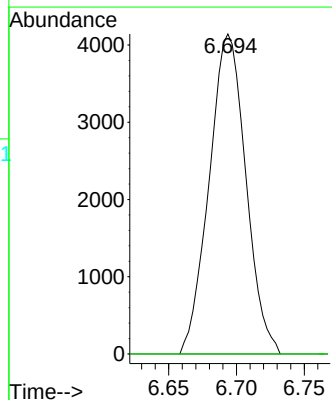
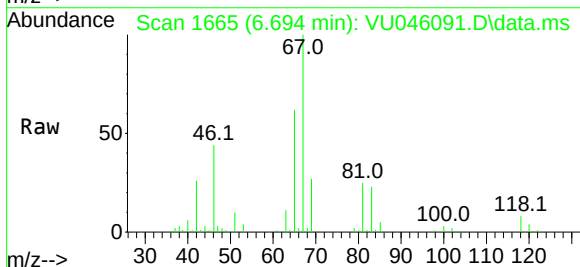


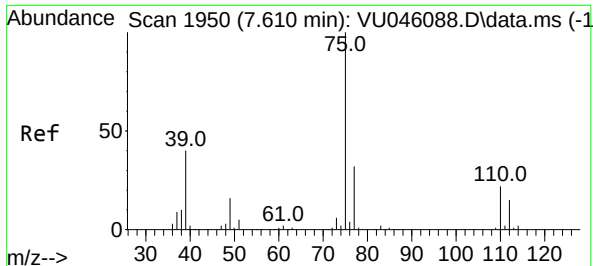
Tgt Ion: 96 Resp: 628
 Ion Ratio Lower Upper
 96 100
 61 1188.5 118.6 220.2#
 63 10186.5 93.0 172.8#



#37
 1,2-Dichloropropane
 Concen: 5.302 ug/L
 RT: 6.694 min Scan# 1665
 Delta R.T. -0.100 min
 Lab File: VU046091.D
 Acq: 04 Dec 2021 14:28

Tgt Ion: 63 Resp: 7797
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.920 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

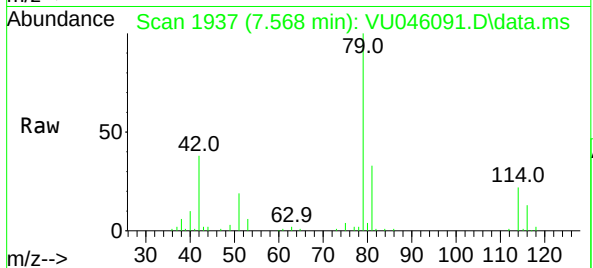
Lab File: VU046091.D

Acq: 04 Dec 2021 14:28

Instrument :

MSVOA_U

ClientSampleId :

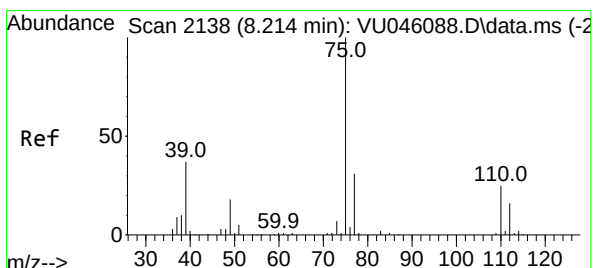
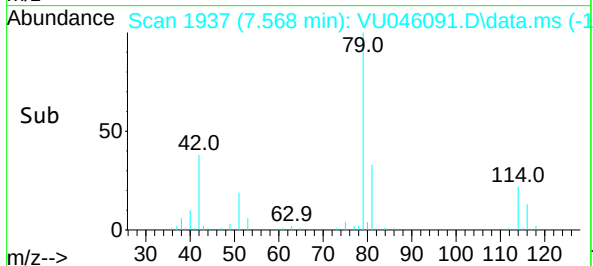
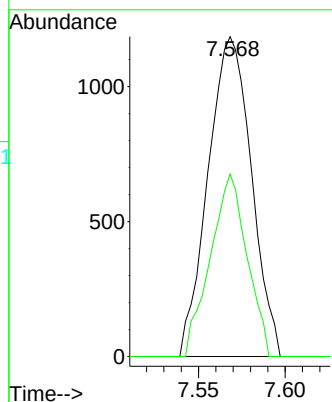


Tgt Ion: 75 Resp: 2058

Ion Ratio Lower Upper

75 100

77 57.0 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.657 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.035 min

Lab File: VU046091.D

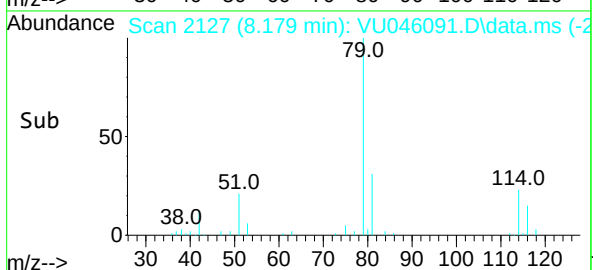
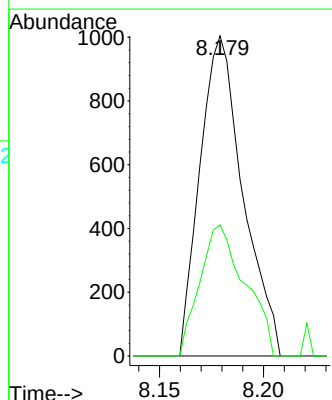
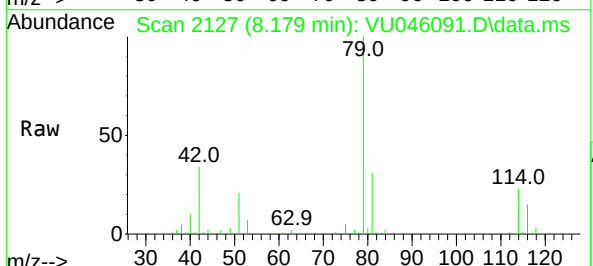
Acq: 04 Dec 2021 14:28

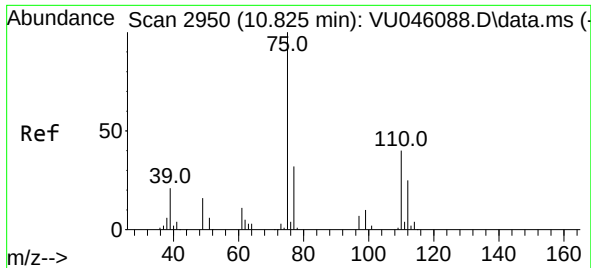
Tgt Ion: 75 Resp: 1443

Ion Ratio Lower Upper

75 100

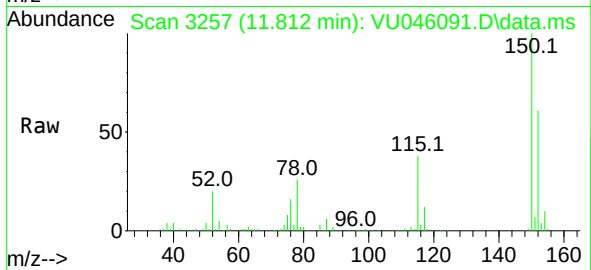
77 40.9 21.7 40.3#





#60
 1,2,3-Trichloropropane
 Concen: 5.876 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046091.D
 Acq: 04 Dec 2021 14:28

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 11222
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.4 39.6
 110 1.9 32.4 48.6#

