

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046236.D
 Acq On : 09 Dec 2021 21:41
 Operator : SY/MD
 Sample : VU1209WBL01
 Misc : 5.6mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 05:24:36 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)

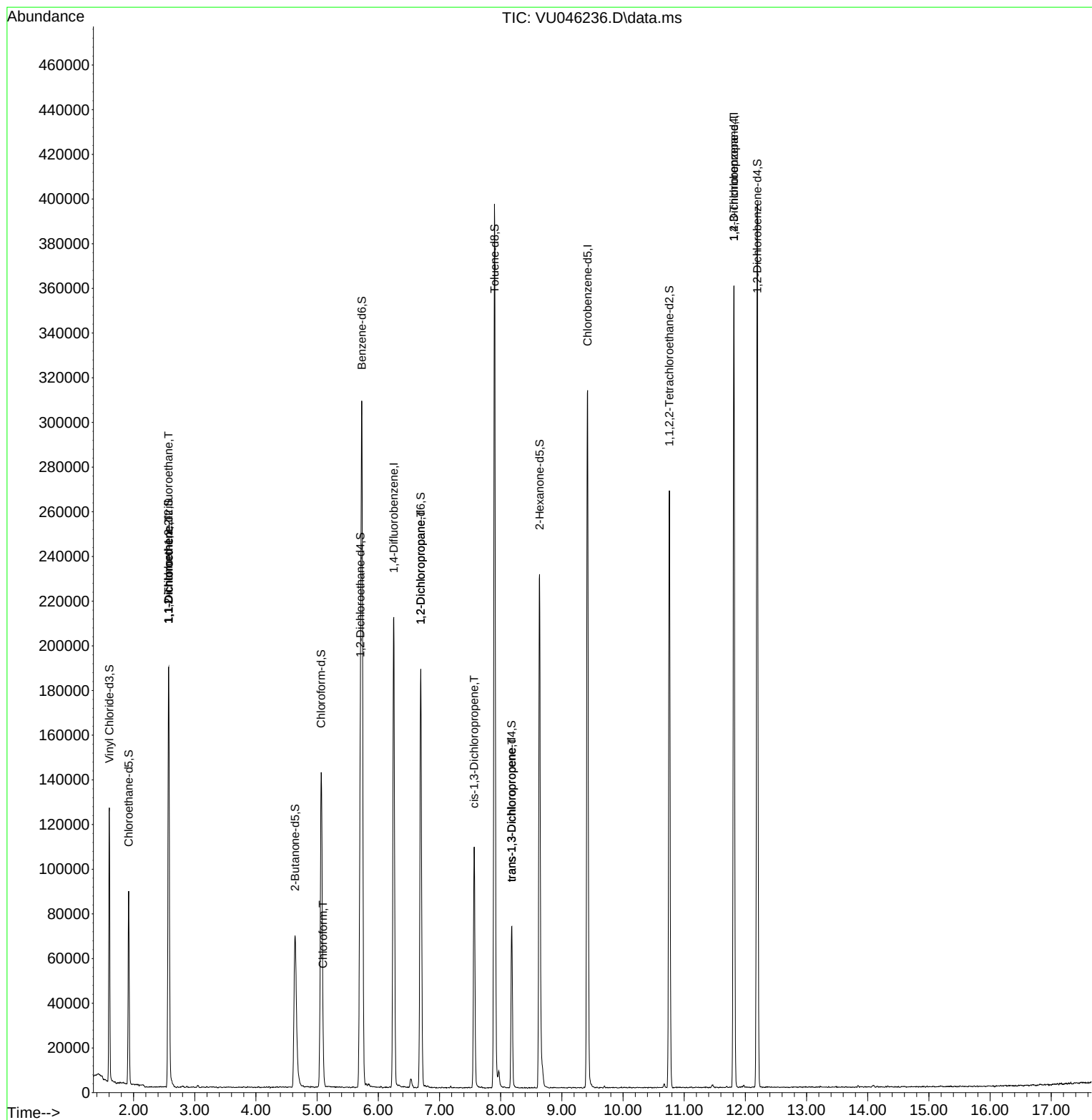
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	174097	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	183616	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	94914	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	87192	60.798	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 121.600%		
7) Chloroethane-d5	1.919	69	62233	56.519	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 113.040%		
11) 1,1-Dichloroethene-d2	2.572	63	111902	43.465	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 86.940%		
21) 2-Butanone-d5	4.639	46	120989	106.125	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 106.130%		
24) Chloroform-d	5.067	84	130866	54.643	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 109.280%		
26) 1,2-Dichloroethane-d4	5.707	65	90328	56.200	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 112.400%		
32) Benzene-d6	5.732	84	292872	55.650	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 111.300%		
36) 1,2-Dichloropropane-d6	6.694	67	89199	54.689	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 109.380%		
41) Toluene-d8	7.899	98	266212	55.557	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 111.120%		
43) trans-1,3-Dichloroprop...	8.179	79	42548	54.040	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 108.080%		
47) 2-Hexanone-d5	8.636	63	83950	108.557	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 108.560%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	132393	53.524	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 107.040%		
66) 1,2-Dichlorobenzene-d4	12.195	152	103239	56.480	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 112.960%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	871	0.688	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	886	0.736	ug/L #	1
25) Chloroform	5.096	83	11322	4.399	ug/L	98
37) 1,2-Dichloropropane	6.694	63	9516	6.537	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	2600	1.174	ug/L #	62
44) trans-1,3-Dichloropropene	8.182	75	1743	0.801	ug/L #	81
60) 1,2,3-Trichloropropane	11.812	75	11081	5.326	ug/L #	65

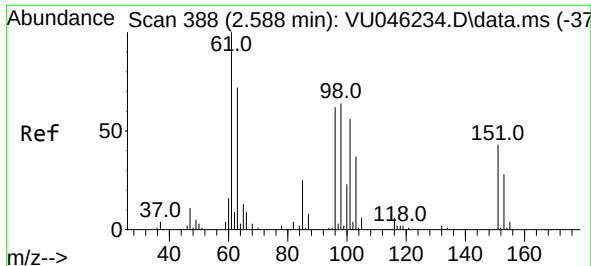
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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Quant Time: Dec 10 05:24:36 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





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.688 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.016 min

Lab File: VU046236.D

Acq: 09 Dec 2021 21:41

Instrument :

MSVOA_U

ClientSampleId :

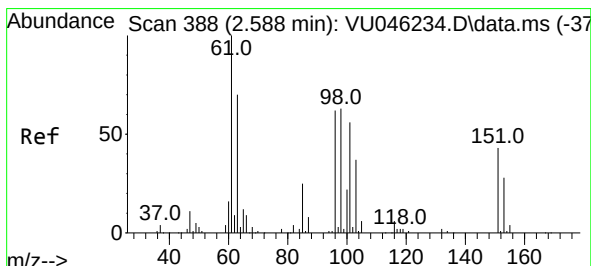
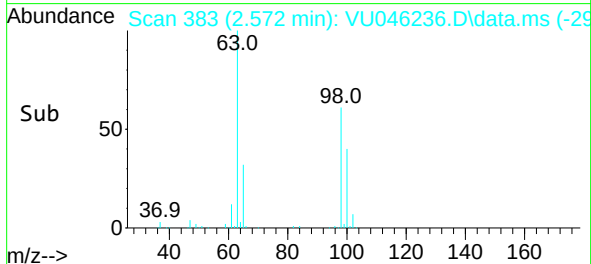
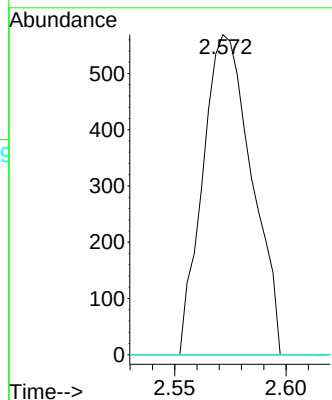
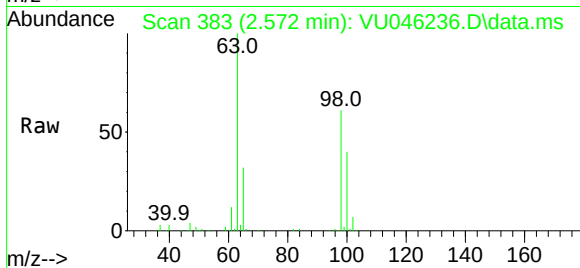
Tgt Ion:101 Resp: 871

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: 0.736 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.010 min

Lab File: VU046236.D

Acq: 09 Dec 2021 21:41

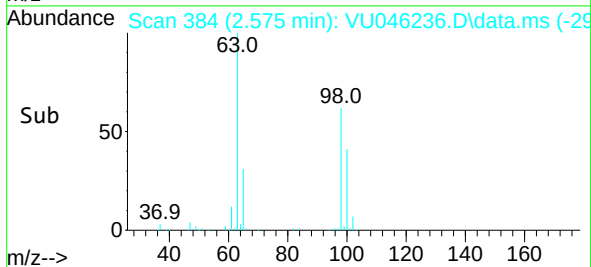
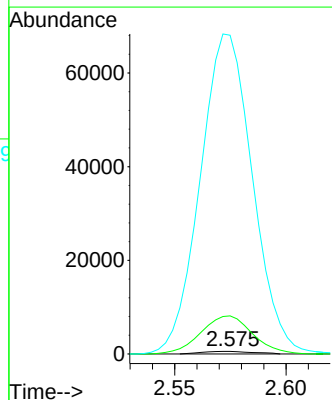
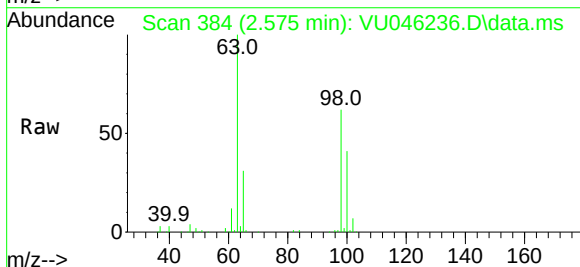
Tgt Ion: 96 Resp: 886

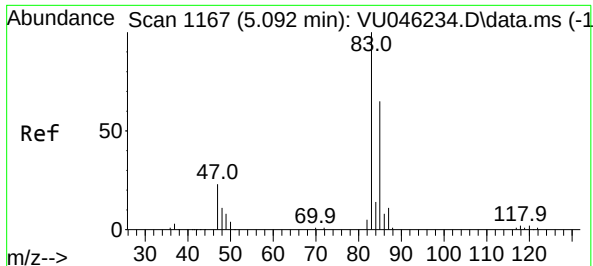
Ion Ratio Lower Upper

96 100

61 1446.0 118.6 220.2#

63 12092.4 93.0 172.8#





#25

Chloroform

Concen: 4.399 ug/L

RT: 5.096 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VU046236.D

Acq: 09 Dec 2021 21:41

Instrument :

MSVOA_U

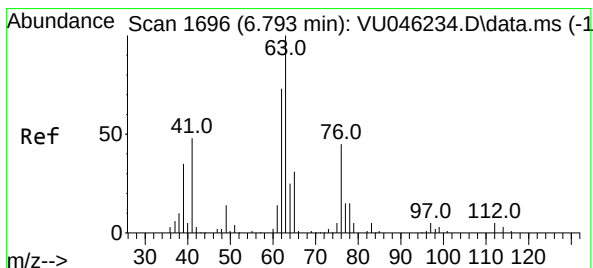
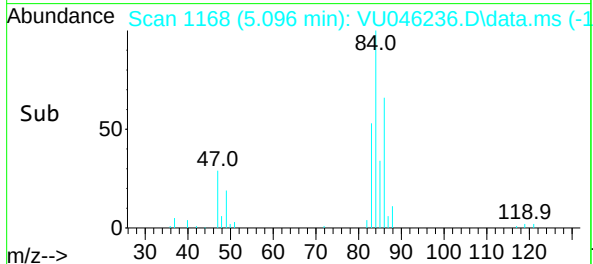
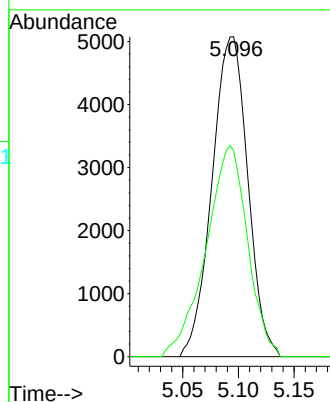
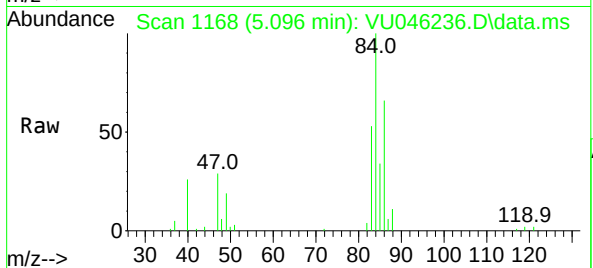
ClientSampleId :

Tgt Ion: 83 Resp: 11322

Ion Ratio Lower Upper

83 100

85 64.3 45.8 85.2



#37

1,2-Dichloropropane

Concen: 6.537 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU046236.D

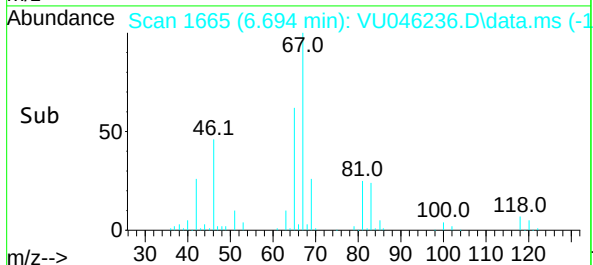
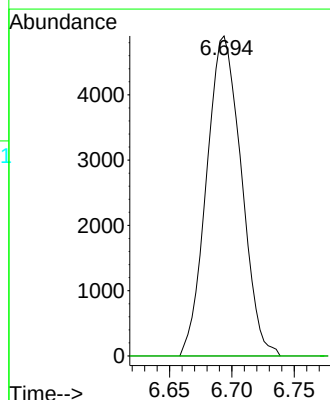
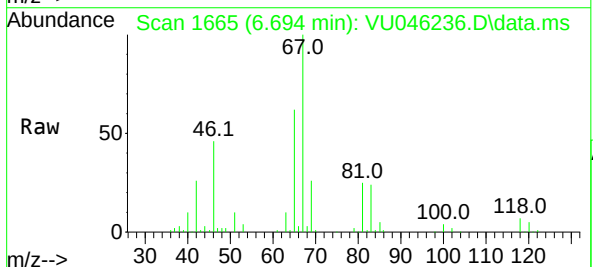
Acq: 09 Dec 2021 21:41

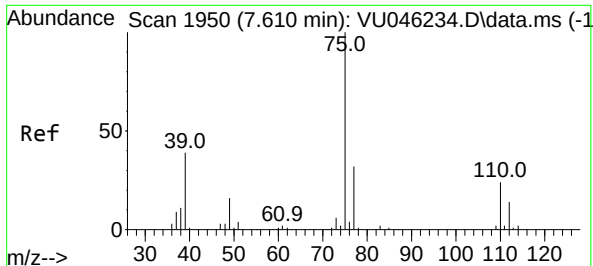
Tgt Ion: 63 Resp: 9516

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 1.174 ug/L

RT: 7.565 min Scan# 19

Delta R.T. -0.045 min

Lab File: VU046236.D

Acq: 09 Dec 2021 21:41

Instrument :

MSVOA_U

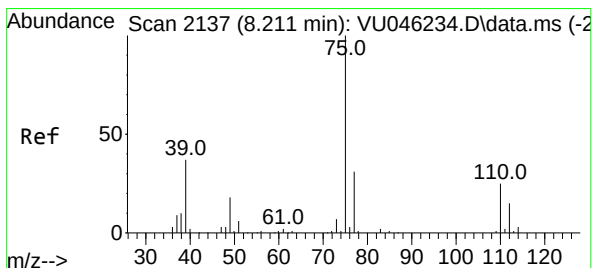
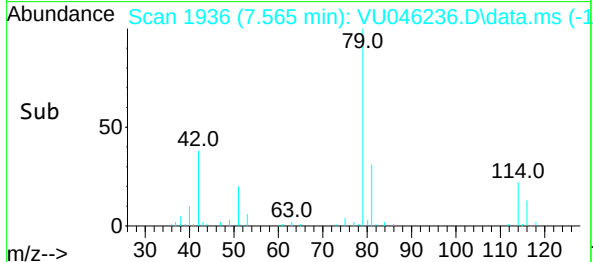
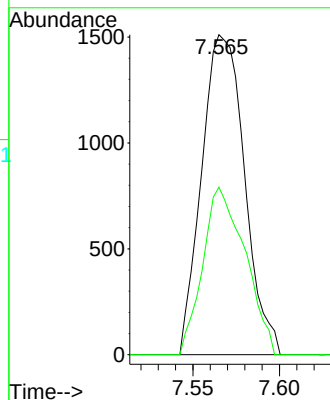
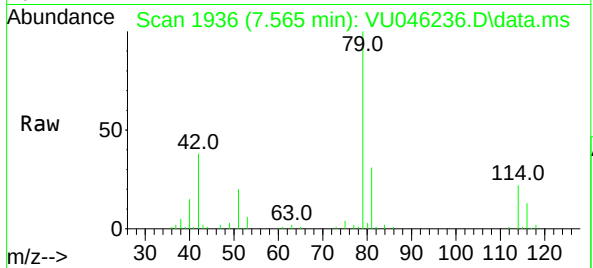
ClientSampleId :

Tgt Ion: 75 Resp: 2600

Ion Ratio Lower Upper

75 100

77 52.3 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.801 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.032 min

Lab File: VU046236.D

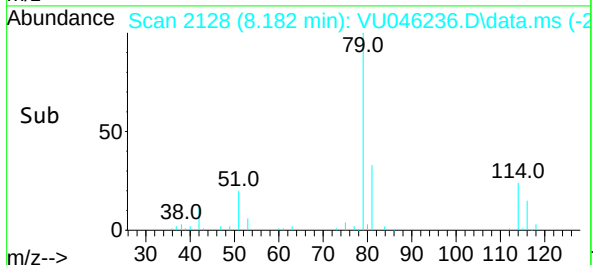
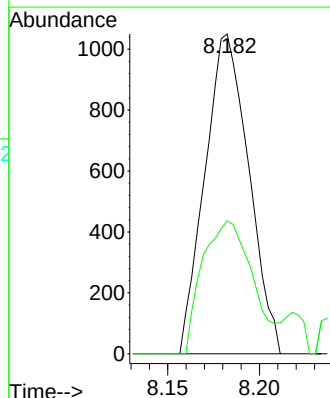
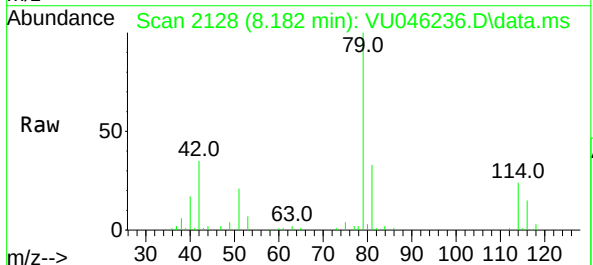
Acq: 09 Dec 2021 21:41

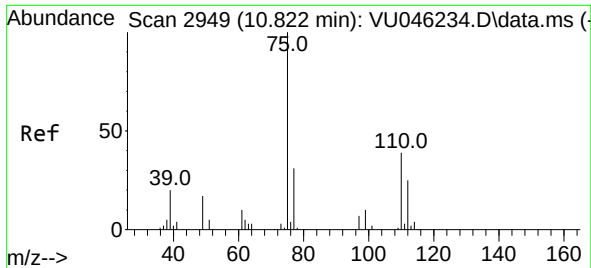
Tgt Ion: 75 Resp: 1743

Ion Ratio Lower Upper

75 100

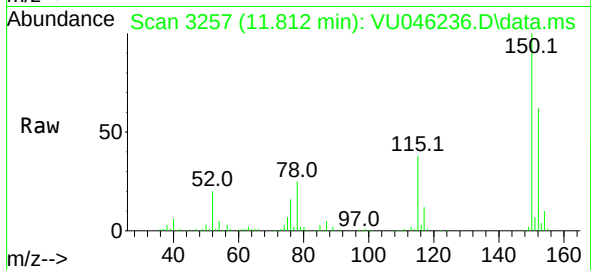
77 41.6 21.7 40.3#





#60
 1,2,3-Trichloropropane
 Concen: 5.326 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046236.D
 Acq: 09 Dec 2021 21:41

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.6	26.4	39.6
110	1.1	32.4	48.6#

