

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
 Data File : VU046137.D
 Acq On : 07 Dec 2021 13:55
 Operator : SY/MD
 Sample : M4960-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 08 04:53:01 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)

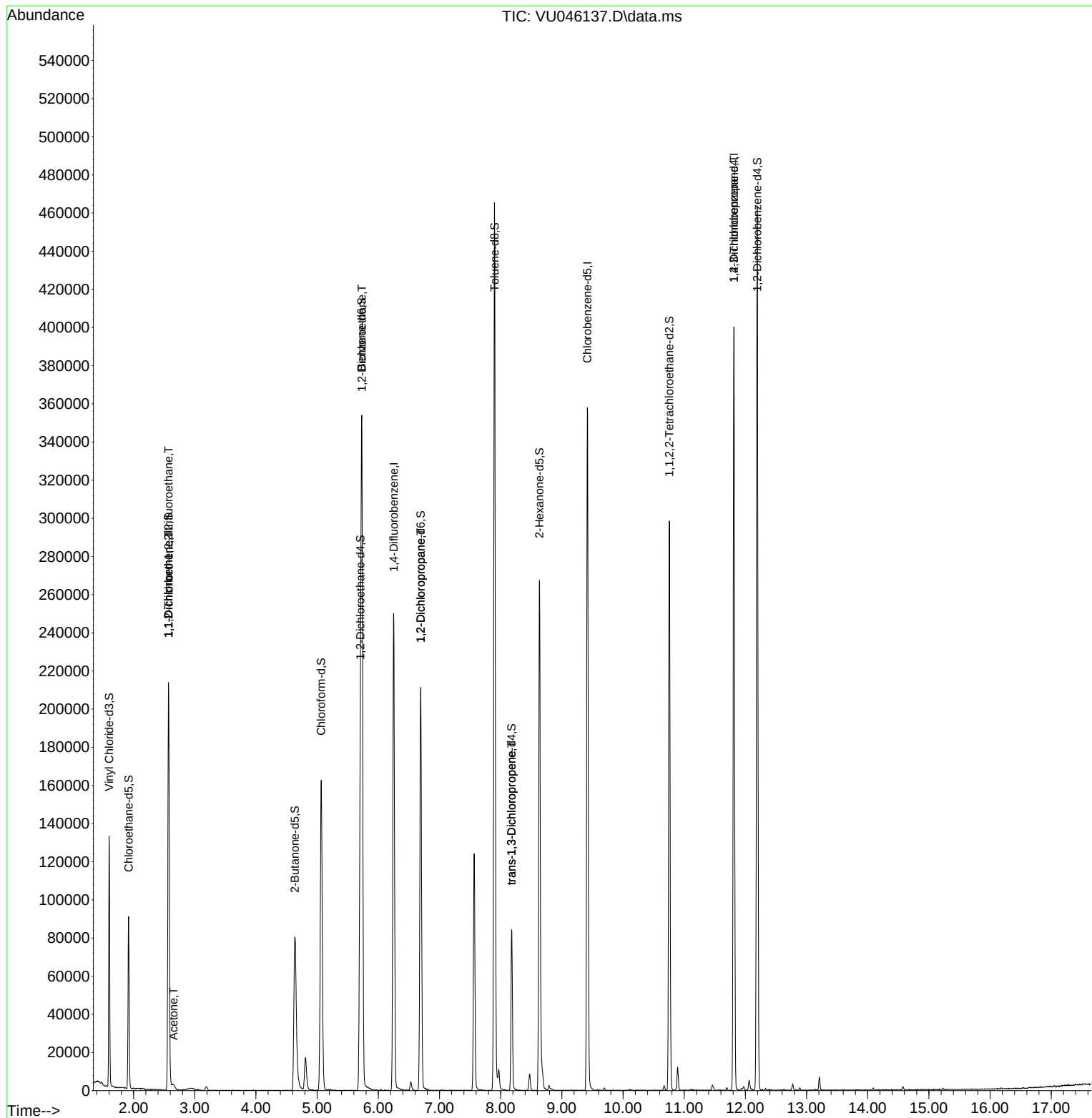
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	209867	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	206455	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	108841	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	91477	52.914	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	105.820%	
7) Chloroethane-d5	1.919	69	66738	50.279	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	100.560%	
11) 1,1-Dichloroethene-d2	2.572	63	126841	40.871	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	81.740%	
21) 2-Butanone-d5	4.636	46	138424	100.724	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	100.720%	
24) Chloroform-d	5.067	84	150957	52.289	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	104.580%	
26) 1,2-Dichloroethane-d4	5.707	65	103080	53.203	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	106.400%	
32) Benzene-d6	5.729	84	340270	57.504	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	115.000%	
36) 1,2-Dichloropropane-d6	6.694	67	101594	55.398	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	110.800%	
41) Toluene-d8	7.899	98	313501	58.188	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	116.380%	
43) trans-1,3-Dichloroprop...	8.179	79	49110	55.474	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	110.940%	
47) 2-Hexanone-d5	8.632	63	99731	114.697	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	114.700%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	146991	52.852	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	105.700%	
66) 1,2-Dichlorobenzene-d4	12.195	152	123424	58.883	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	117.760%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1228	0.804	ug/L #	21
12) 1,1-Dichloroethene	2.572	96	1029	0.709	ug/L #	1
13) Acetone	2.652	43	4981	2.900	ug/L	70
27) 1,2-Dichloroethane	5.732	62	1532	0.665	ug/L #	73
37) 1,2-Dichloropropane	6.694	63	11007	6.724	ug/L #	86
44) trans-1,3-Dichloropropene	8.179	75	1943	0.794	ug/L #	71
60) 1,2,3-Trichloropropane	11.812	75	12892	5.403	ug/L #	65

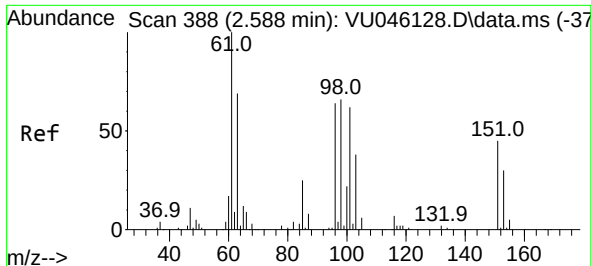
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

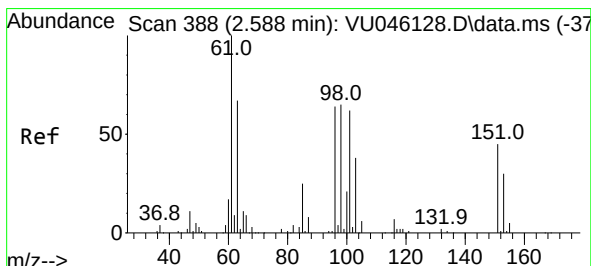
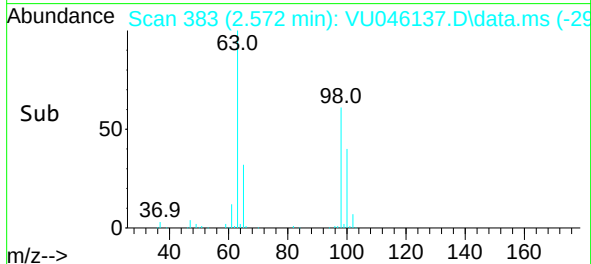
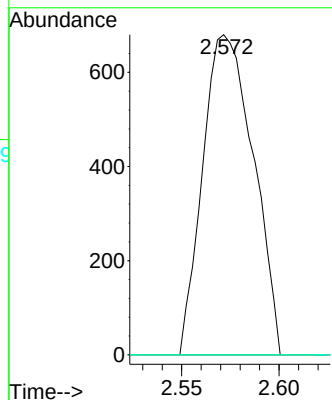
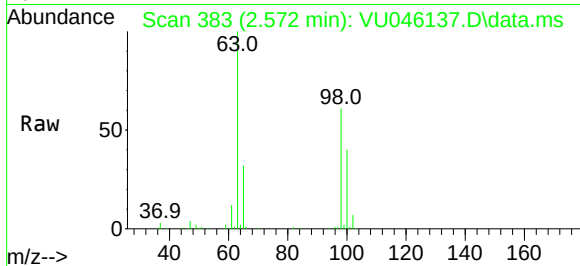




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.804 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU046137.D
 Acq: 07 Dec 2021 13:55

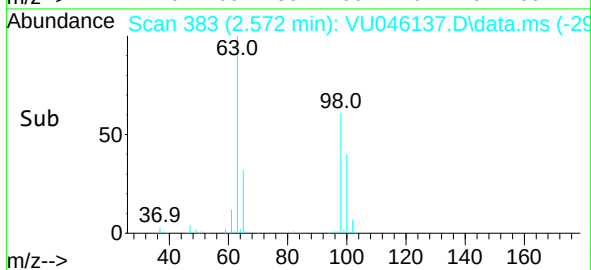
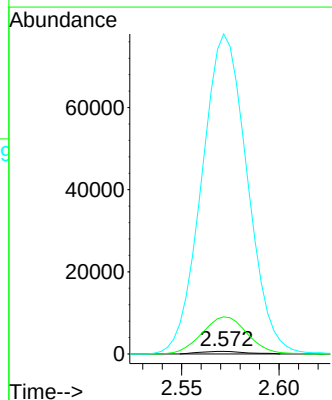
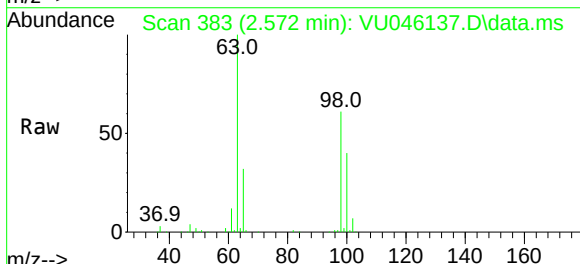
Instrument :
 MSVOA_U
 ClientSampleId :

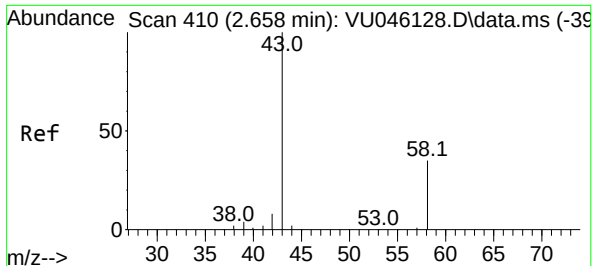
Tgt Ion:101 Resp: 1228
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.709 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU046137.D
 Acq: 07 Dec 2021 13:55

Tgt Ion: 96 Resp: 1029
 Ion Ratio Lower Upper
 96 100
 61 1444.3 118.6 220.2#
 63 12426.2 93.0 172.8#





#13

Acetone

Concen: 2.900 ug/L

RT: 2.652 min Scan# 408

Delta R.T. -0.010 min

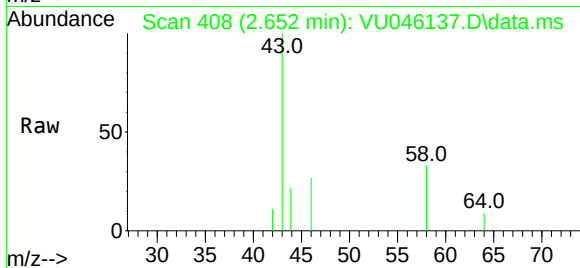
Lab File: VU046137.D

Acq: 07 Dec 2021 13:55

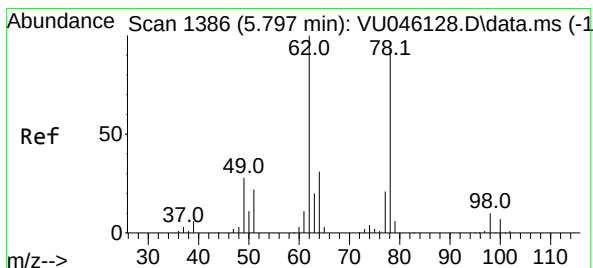
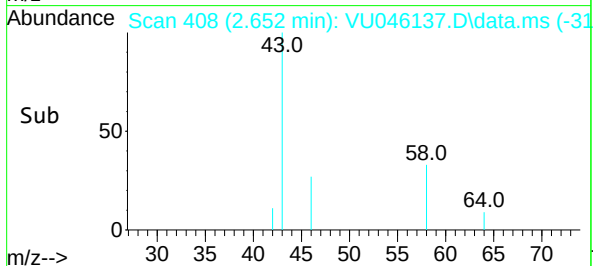
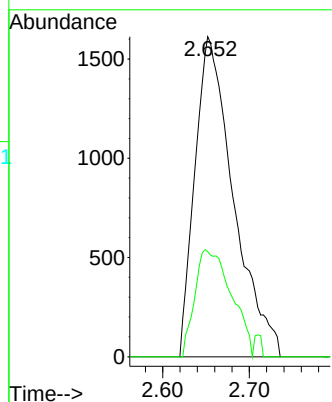
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	43	Resp:	4981
Ion Ratio	Lower	Upper	
43	100		
58	16.1	0.0	66.8



#27

1,2-Dichloroethane

Concen: 0.665 ug/L

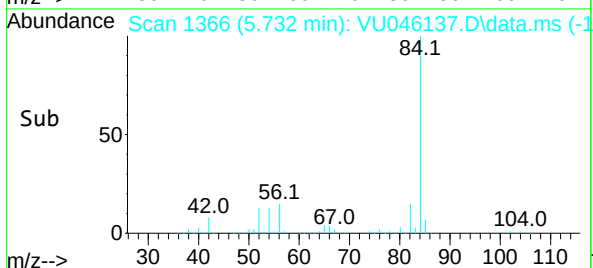
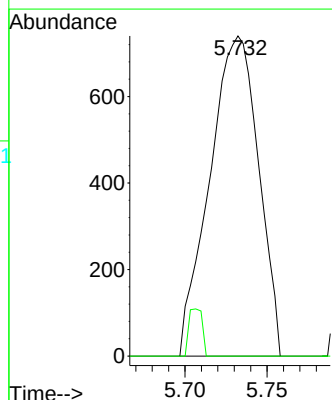
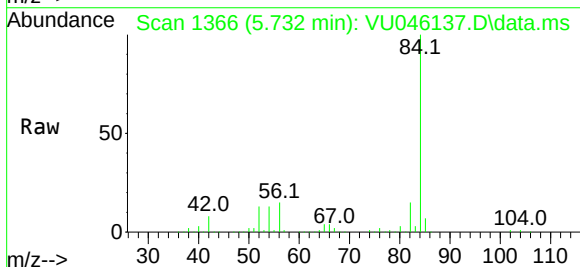
RT: 5.732 min Scan# 1366

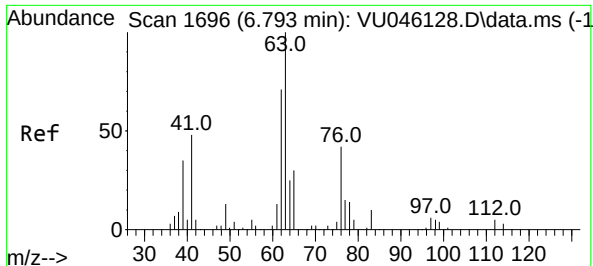
Delta R.T. -0.067 min

Lab File: VU046137.D

Acq: 07 Dec 2021 13:55

Tgt Ion:	62	Resp:	1532
Ion Ratio	Lower	Upper	
62	100		
98	0.0	7.9	11.9#





#37

1,2-Dichloropropane

Concen: 6.724 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046137.D

Acq: 07 Dec 2021 13:55

Instrument :

MSVOA_U

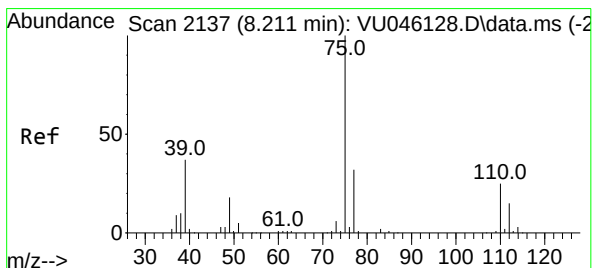
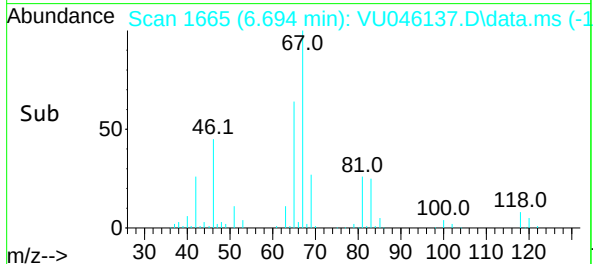
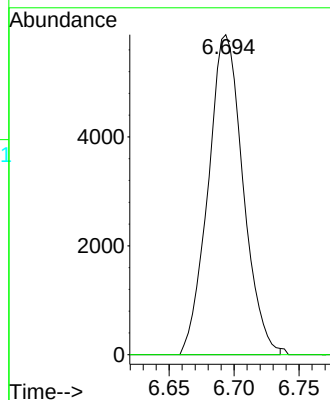
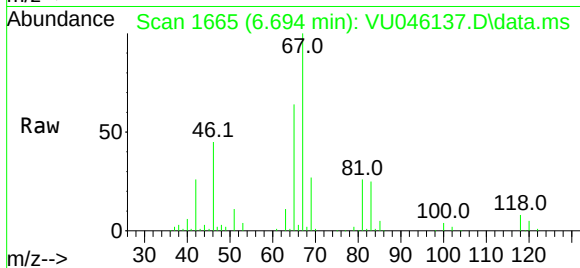
ClientSampleId :

Tgt Ion: 63 Resp: 11007

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#44

trans-1,3-Dichloropropene

Concen: 0.794 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.035 min

Lab File: VU046137.D

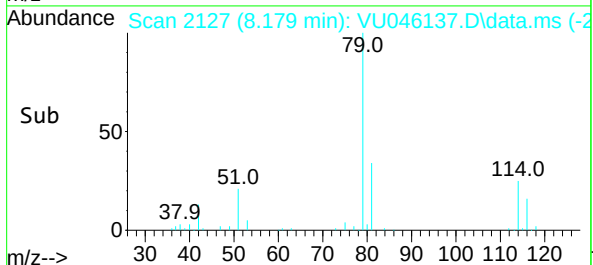
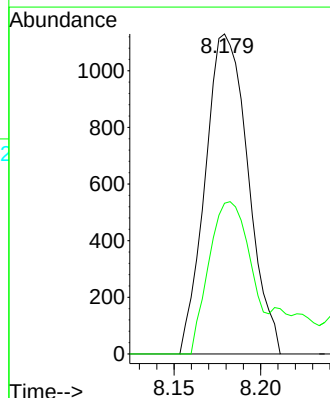
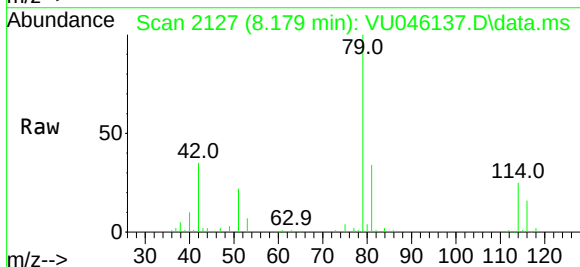
Acq: 07 Dec 2021 13:55

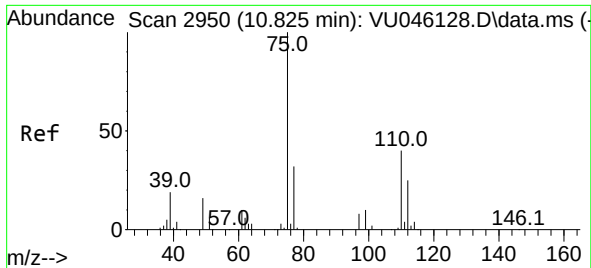
Tgt Ion: 75 Resp: 1943

Ion Ratio Lower Upper

75 100

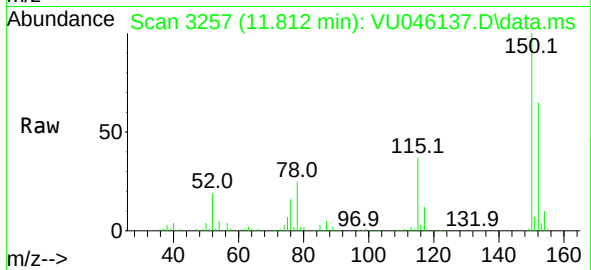
77 47.1 21.7 40.3#





#60
 1,2,3-Trichloropropane
 Concen: 5.403 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046137.D
 Acq: 07 Dec 2021 13:55

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	12892
Ion	Ratio	Lower	Upper
75	100		
77	31.6	26.4	39.6
110	2.5	32.4	48.6#

