

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121121\
 Data File : VU046287.D
 Acq On : 11 Dec 2021 15:27
 Operator : SY/MD
 Sample : M4943-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 01:38:52 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)

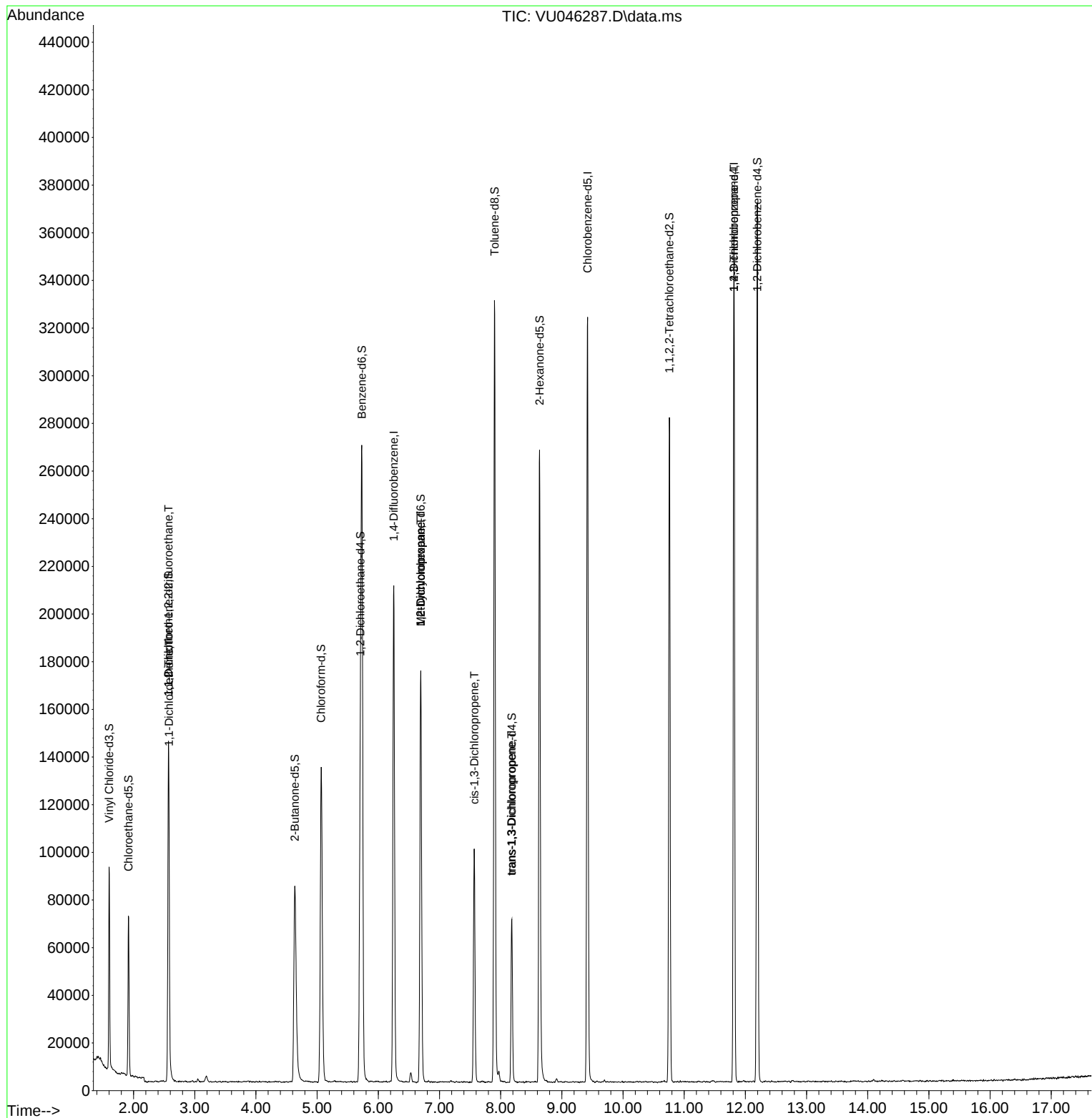
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	173446	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	179643	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	93738	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	59009	41.301	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.600%		
7) Chloroethane-d5	1.916	69	48693	44.388	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.780%		
11) 1,1-Dichloroethene-d2	2.572	63	84933	33.114	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.220%		
21) 2-Butanone-d5	4.636	46	135214	119.048	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	119.050%		
24) Chloroform-d	5.067	84	125042	52.408	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.820%		
26) 1,2-Dichloroethane-d4	5.706	65	87294	54.516	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	109.040%		
32) Benzene-d6	5.732	84	251249	48.797	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.600%		
36) 1,2-Dichloropropane-d6	6.694	67	83798	52.514	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	105.020%		
41) Toluene-d8	7.899	98	218182	46.540	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.080%		
43) trans-1,3-Dichloroprop...	8.182	79	39843	51.723	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	103.440%		
47) 2-Hexanone-d5	8.636	63	97038	128.256	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	128.260%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	137993	57.022	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	114.040%		
66) 1,2-Dichlorobenzene-d4	12.195	152	95706	53.016	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.040%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	683	0.541	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	676	0.564	ug/L #	1
35) Methylcyclohexane	6.694	83	20080	9.041	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	9169	6.438	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2529	1.167	ug/L #	75
44) trans-1,3-Dichloropropene	8.179	75	1592	0.748	ug/L #	78
60) 1,2,3-Trichloropropane	11.812	75	11219	5.460	ug/L #	65

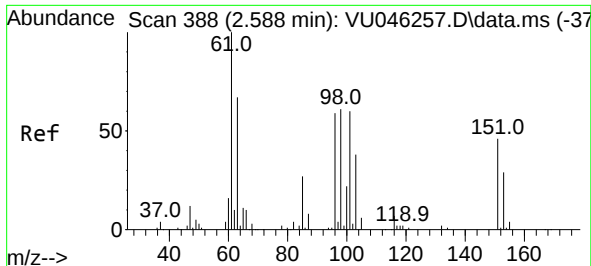
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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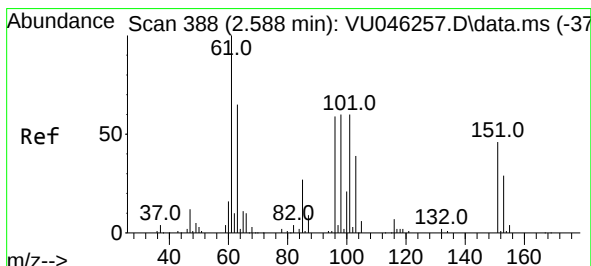
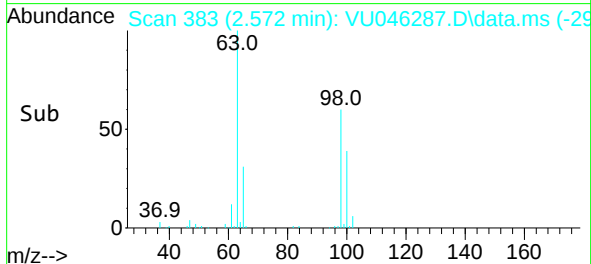
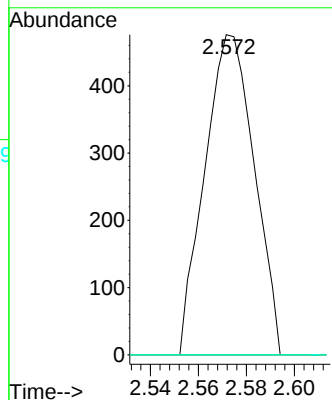
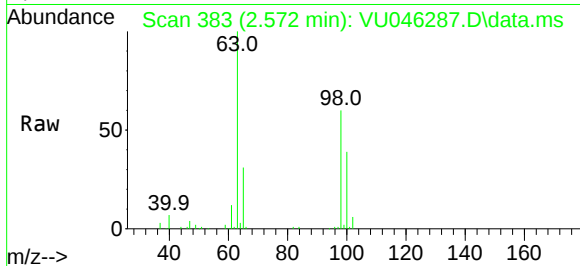




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.541 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046287.D
Acq: 11 Dec 2021 15:27

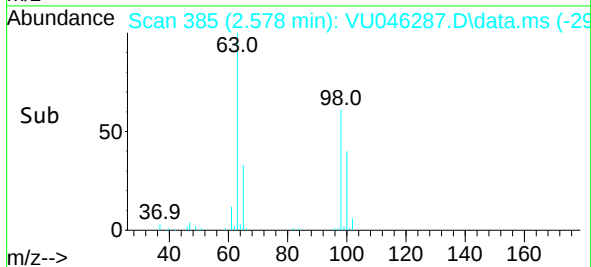
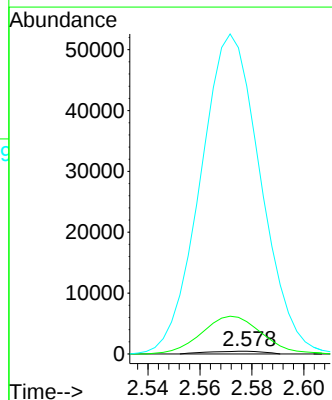
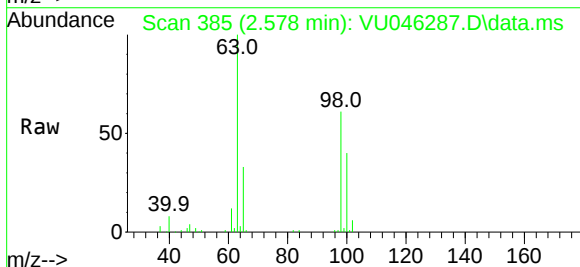
Instrument :
MSVOA_U
ClientSampleId :

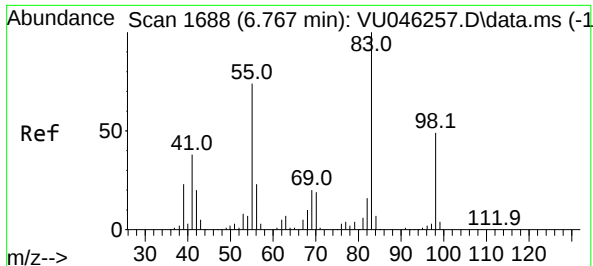
Tgt Ion:101 Resp: 683
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.564 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.006 min
Lab File: VU046287.D
Acq: 11 Dec 2021 15:27

Tgt Ion: 96 Resp: 676
Ion Ratio Lower Upper
96 100
61 1181.1 118.6 220.2#
63 9781.3 93.0 172.8#

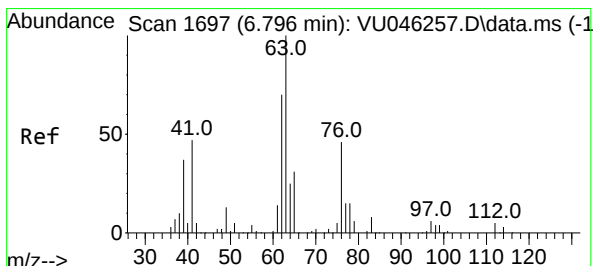
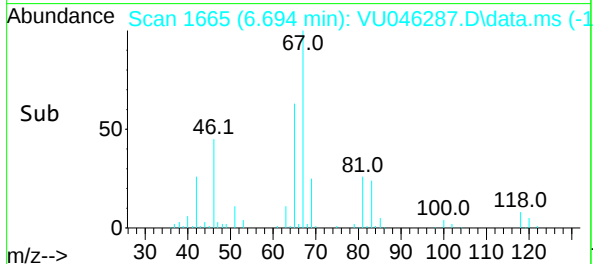
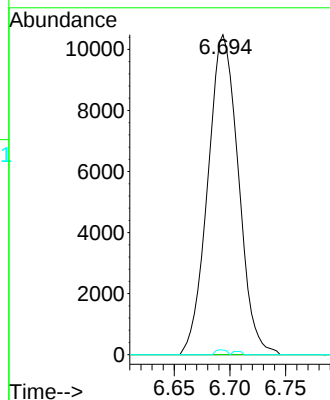
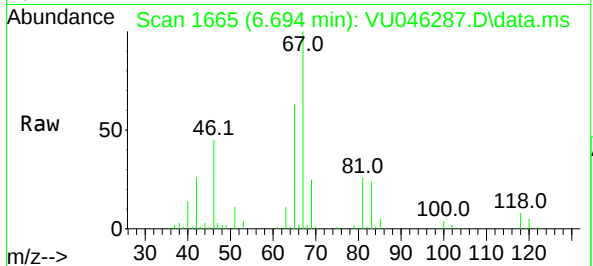




#35
Methylcyclohexane
Concen: 9.041 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046287.D
Acq: 11 Dec 2021 15:27

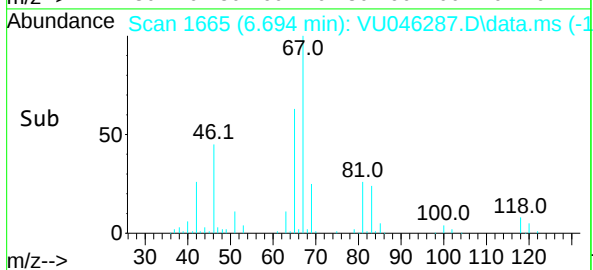
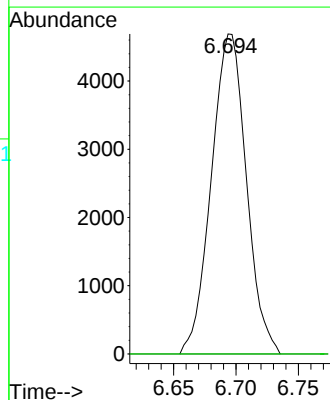
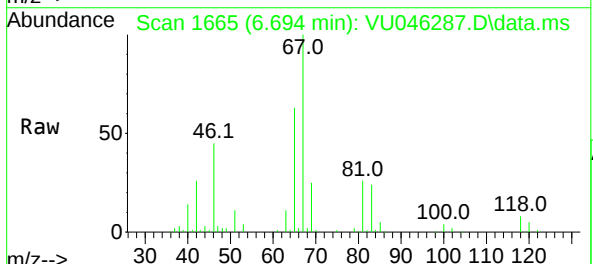
Instrument :
MSVOA_U
ClientSampleId :

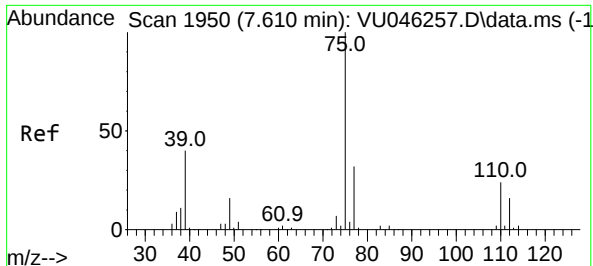
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.6#
98	0.5	38.4	57.6#



#37
1,2-Dichloropropane
Concen: 6.438 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU046287.D
Acq: 11 Dec 2021 15:27

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





#39

cis-1,3-Dichloropropene

Concen: 1.167 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046287.D

Acq: 11 Dec 2021 15:27

Instrument :

MSVOA_U

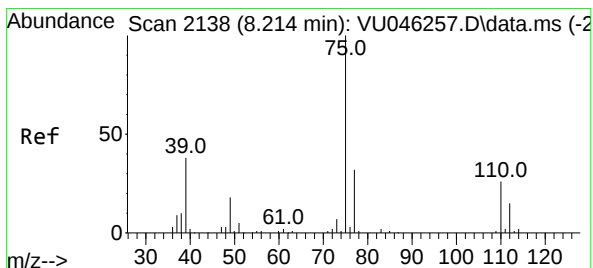
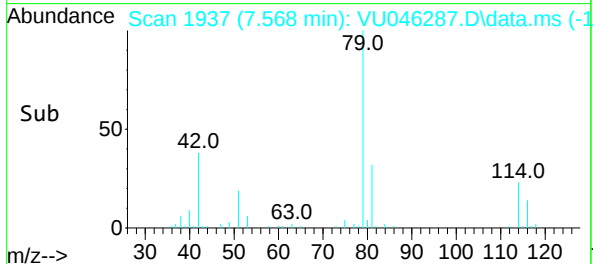
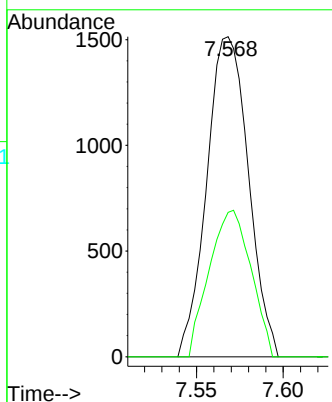
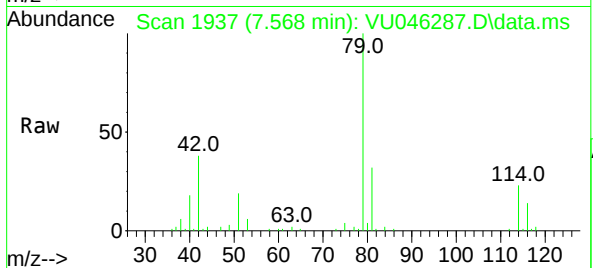
ClientSampleId :

Tgt Ion: 75 Resp: 2529

Ion Ratio Lower Upper

75 100

77 45.1 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.748 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.035 min

Lab File: VU046287.D

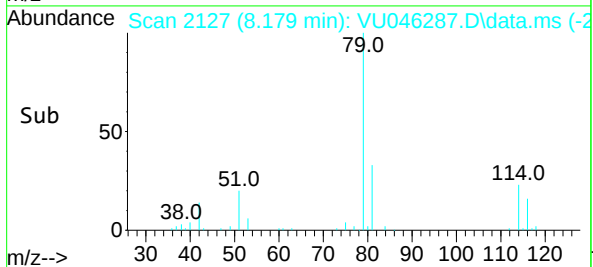
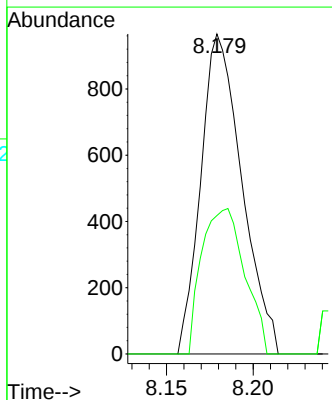
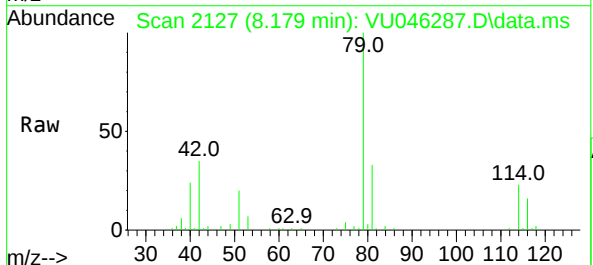
Acq: 11 Dec 2021 15:27

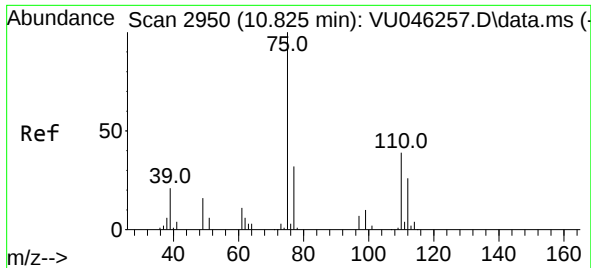
Tgt Ion: 75 Resp: 1592

Ion Ratio Lower Upper

75 100

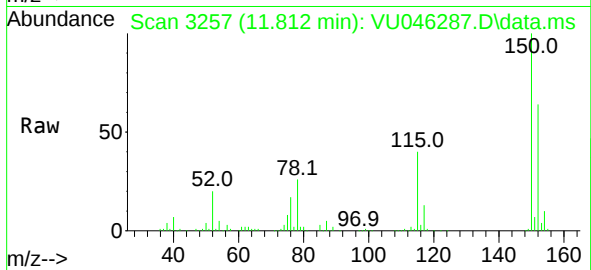
77 43.3 21.7 40.3#





#60
 1,2,3-Trichloropropane
 Concen: 5.460 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046287.D
 Acq: 11 Dec 2021 15:27

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	11219
Ion Ratio	Lower	Upper
75	100	
77	31.5	26.4 39.6
110	1.9	32.4 48.6#

