

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011322\
 Data File : VU046757.D
 Acq On : 13 Jan 2022 15:27
 Operator : SY/MD
 Sample : N1101-08DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

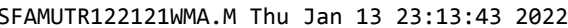
Quant Time: Jan 13 23:13:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 10 00:25:50 2022
 Response via : Initial Calibration

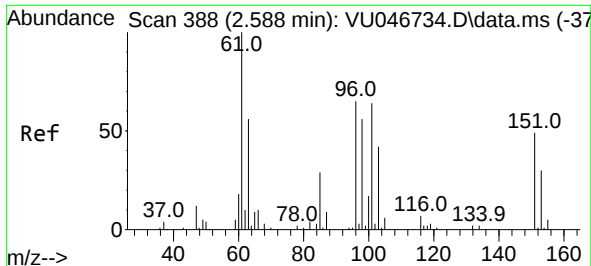
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	73880	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	76898	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	39094	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	17514	3.010	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.200%
7) Chloroethane-d5	1.916	69	16387	3.576	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.600%
11) 1,1-Dichloroethene-d2	2.568	65	7900	3.219	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.400%
20) 2-Butanone-d5	4.639	46	87028	51.557	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.120%
24) Chloroform-d	5.067	84	45682	4.284	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	5.703	65	26725	4.384	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
32) Benzene-d6	5.729	84	83289	3.885	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.800%
36) 1,2-Dichloropropane-d6	6.694	67	27346	4.245	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.899	98	68404	3.516	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.400%
43) trans-1,3-Dichloroprop...	8.179	79	11297	3.792	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.800%
46) 2-Hexanone-d5	8.636	63	74525	42.608	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.220%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	28946	4.378	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	29840	4.144	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.800%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.584	96	3820	0.588	ug/L #	35
19) 1,1-Dichloroethane	3.877	63	20189	1.581	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	474	0.063	ug/L #	71
29) 1,1,1-Trichloroethane	5.321	97	1862	0.146	ug/L	93
34) Trichloroethene	6.542	95	75982	9.434	ug/L	97
35) Methylcyclohexane	6.694	83	7127	0.628	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	2986	0.383	ug/L #	88
47) Tetrachloroethene	8.555	164	1616	0.284	ug/L	91
61) 1,2,3-Trichloropropane	11.812	75	4360	0.672	ug/L #	64

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

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.588 ug/L

RT: 2.584 min Scan# 388

Delta R.T. 0.007 min

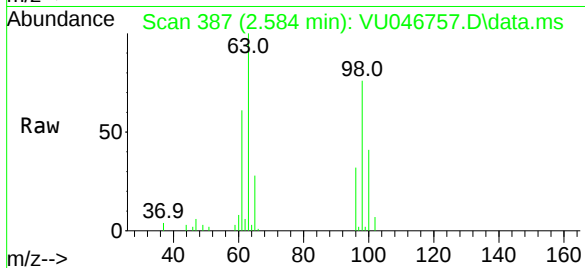
Lab File: VU046757.D

Acq: 13 Jan 2022 15:27

Instrument :

MSVOA_U

ClientSampleId :



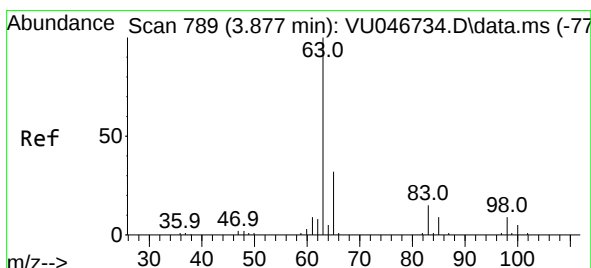
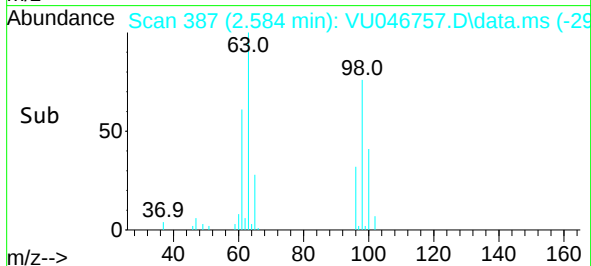
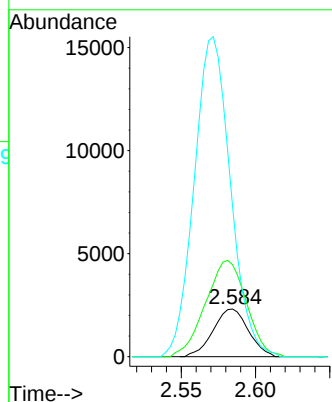
Tgt Ion: 96 Resp: 3820

Ion Ratio Lower Upper

96 100

61 192.7 124.7 231.5

63 316.1 105.2 195.4#



#19

1,1-Dichloroethane

Concen: 1.581 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.010 min

Lab File: VU046757.D

Acq: 13 Jan 2022 15:27

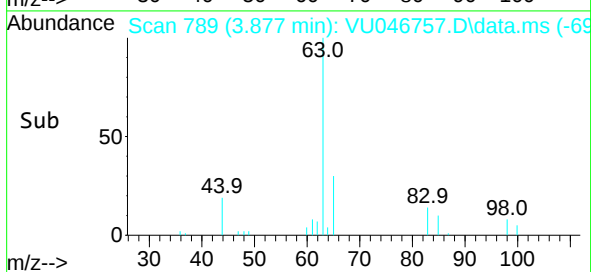
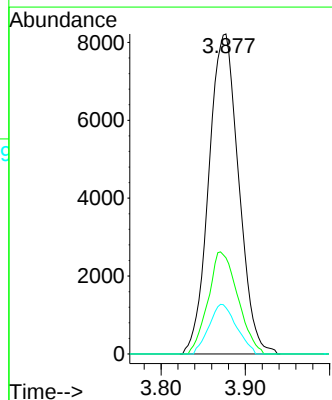
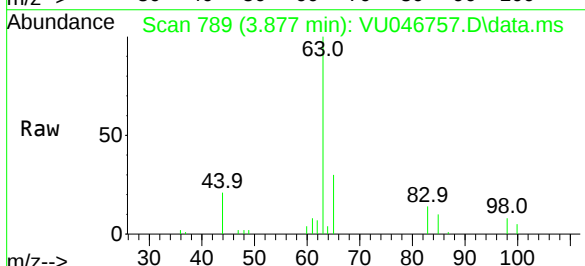
Tgt Ion: 63 Resp: 20189

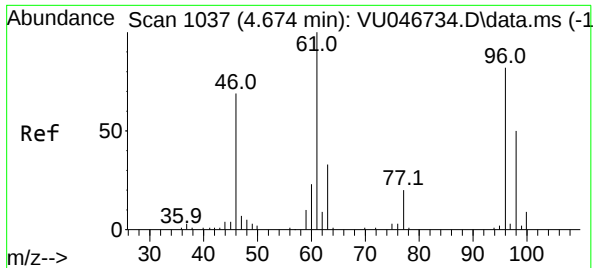
Ion Ratio Lower Upper

63 100

65 30.1 22.3 41.5

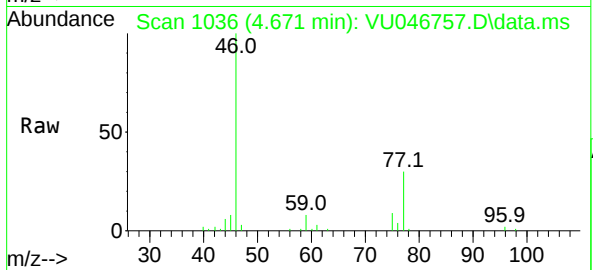
83 14.5 9.6 17.8



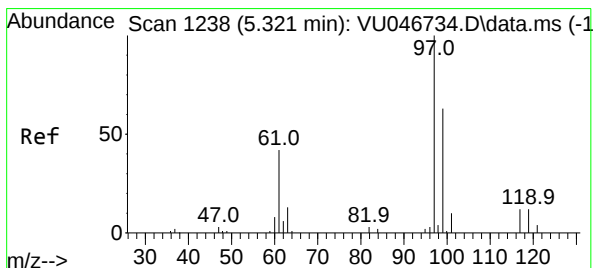
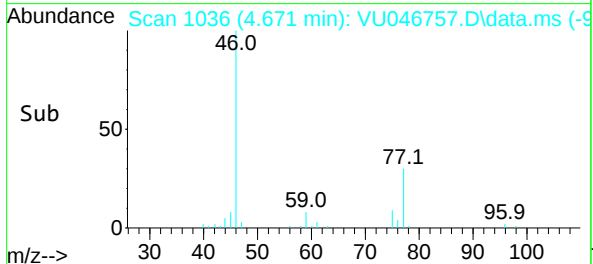
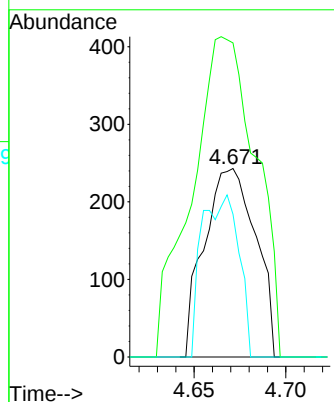


#22
 cis-1,2-Dichloroethene
 Concen: 0.063 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.007 min
 Lab File: VU046757.D
 Acq: 13 Jan 2022 15:27

Instrument :
 MSVOA_U
 ClientSampleId :

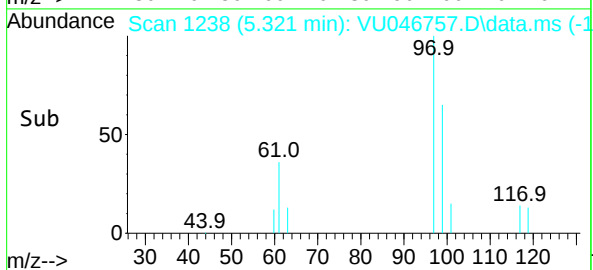
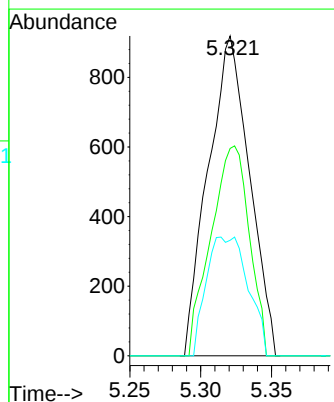
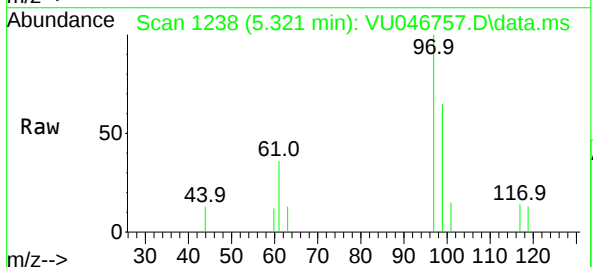


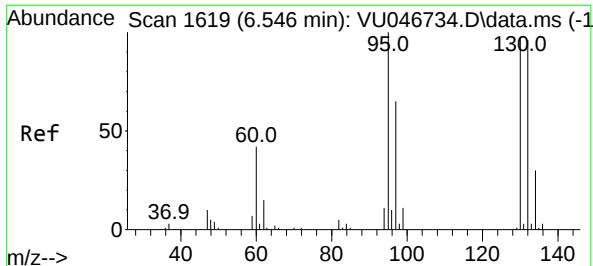
Tgt Ion: 96 Resp: 474
 Ion Ratio Lower Upper
 96 100
 61 166.7 88.5 164.3#
 98 75.7 44.4 82.5



#29
 1,1,1-Trichloroethane
 Concen: 0.146 ug/L
 RT: 5.321 min Scan# 1238
 Delta R.T. 0.003 min
 Lab File: VU046757.D
 Acq: 13 Jan 2022 15:27

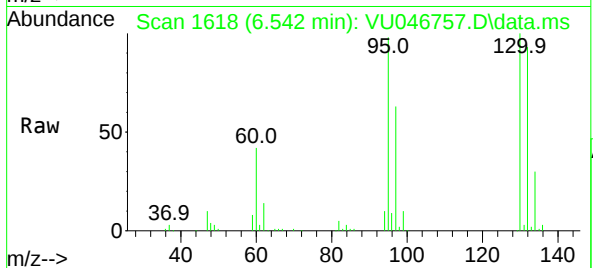
Tgt Ion: 97 Resp: 1862
 Ion Ratio Lower Upper
 97 100
 99 61.1 51.3 76.9
 61 37.6 36.1 54.1



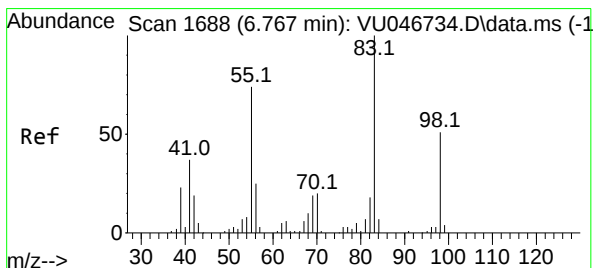
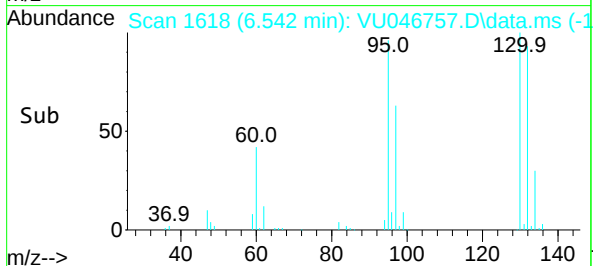
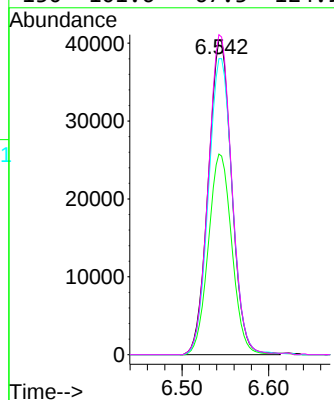


#34
Trichloroethene
Concen: 9.434 ug/L
RT: 6.542 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VU046757.D
Acq: 13 Jan 2022 15:27

Instrument :
MSVOA_U
ClientSampleId :

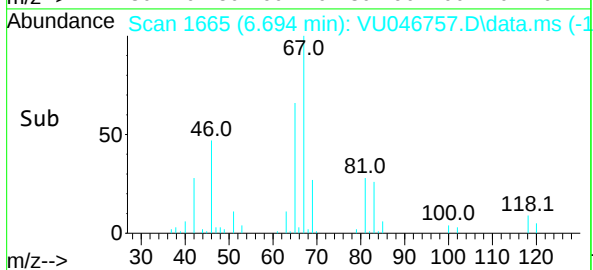
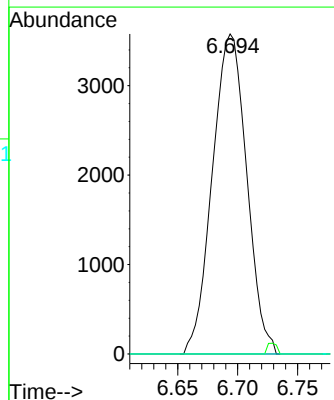
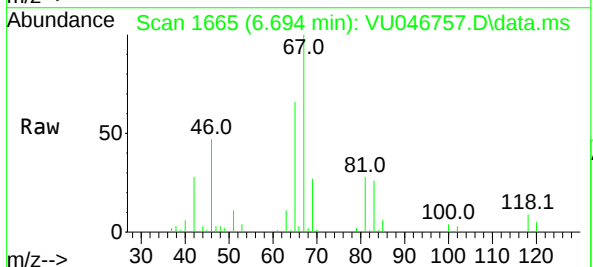


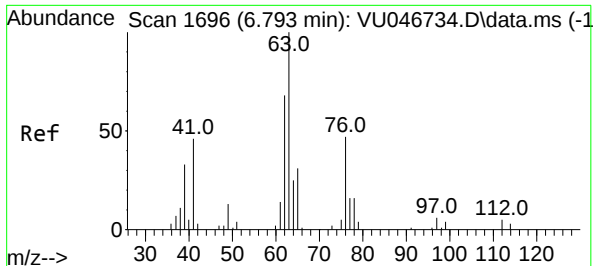
Tgt Ion:	95	Resp:	75982
Ion Ratio	100	Lower	Upper
95	100		
97	63.7	46.5	86.5
132	94.0	65.1	120.9
130	101.6	67.3	124.9



#35
Methylcyclohexane
Concen: 0.628 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU046757.D
Acq: 13 Jan 2022 15:27

Tgt Ion:	83	Resp:	7127
Ion Ratio	100	Lower	Upper
83	100		
55	0.9	61.9	92.9#
98	0.0	39.0	58.6#





#37

1,2-Dichloropropane

Concen: 0.383 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU046757.D

Acq: 13 Jan 2022 15:27

Instrument :

MSVOA_U

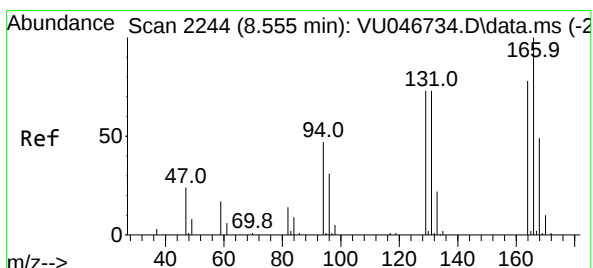
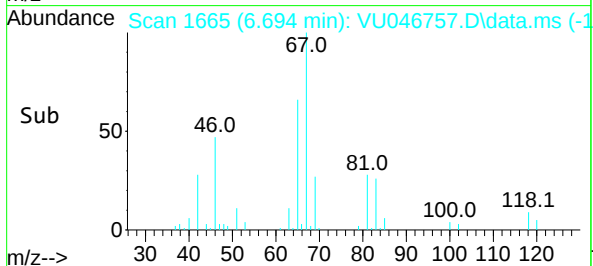
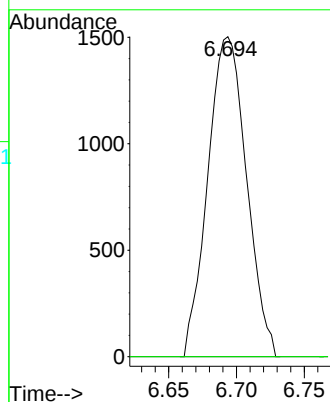
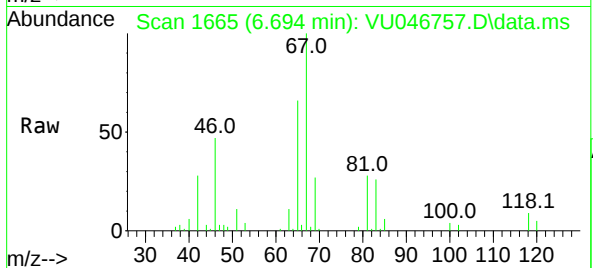
ClientSampleId :

Tgt Ion: 63 Resp: 2986

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#47

Tetrachloroethene

Concen: 0.284 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU046757.D

Acq: 13 Jan 2022 15:27

Tgt Ion: 164 Resp: 1616

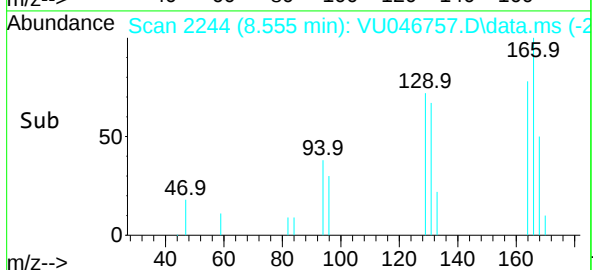
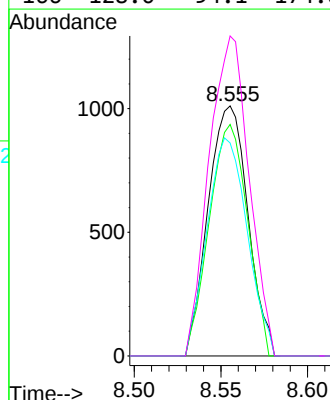
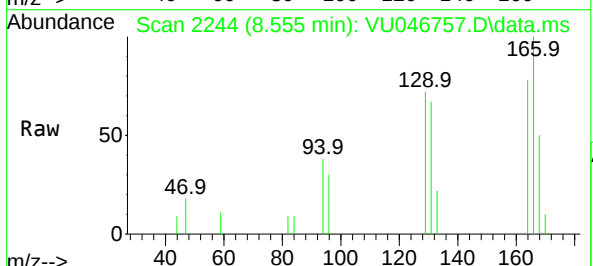
Ion Ratio Lower Upper

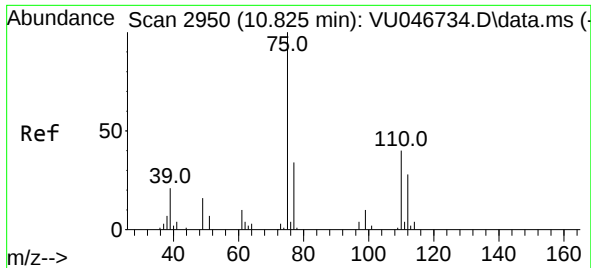
164 100

129 92.6 71.8 133.4

131 85.2 68.5 127.3

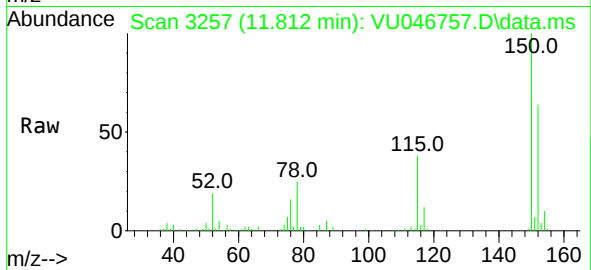
166 128.0 94.1 174.8





#61
 1,2,3-Trichloropropane
 Concen: 0.672 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046757.D
 Acq: 13 Jan 2022 15:27

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4360
 Ion Ratio Lower Upper
 75 100
 110 0.0 29.9 44.9#
 77 34.4 25.5 38.3

