

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120321\
 Data File : VU046075.D
 Acq On : 03 Dec 2021 15:47
 Operator : SY/MD
 Sample : M4878-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

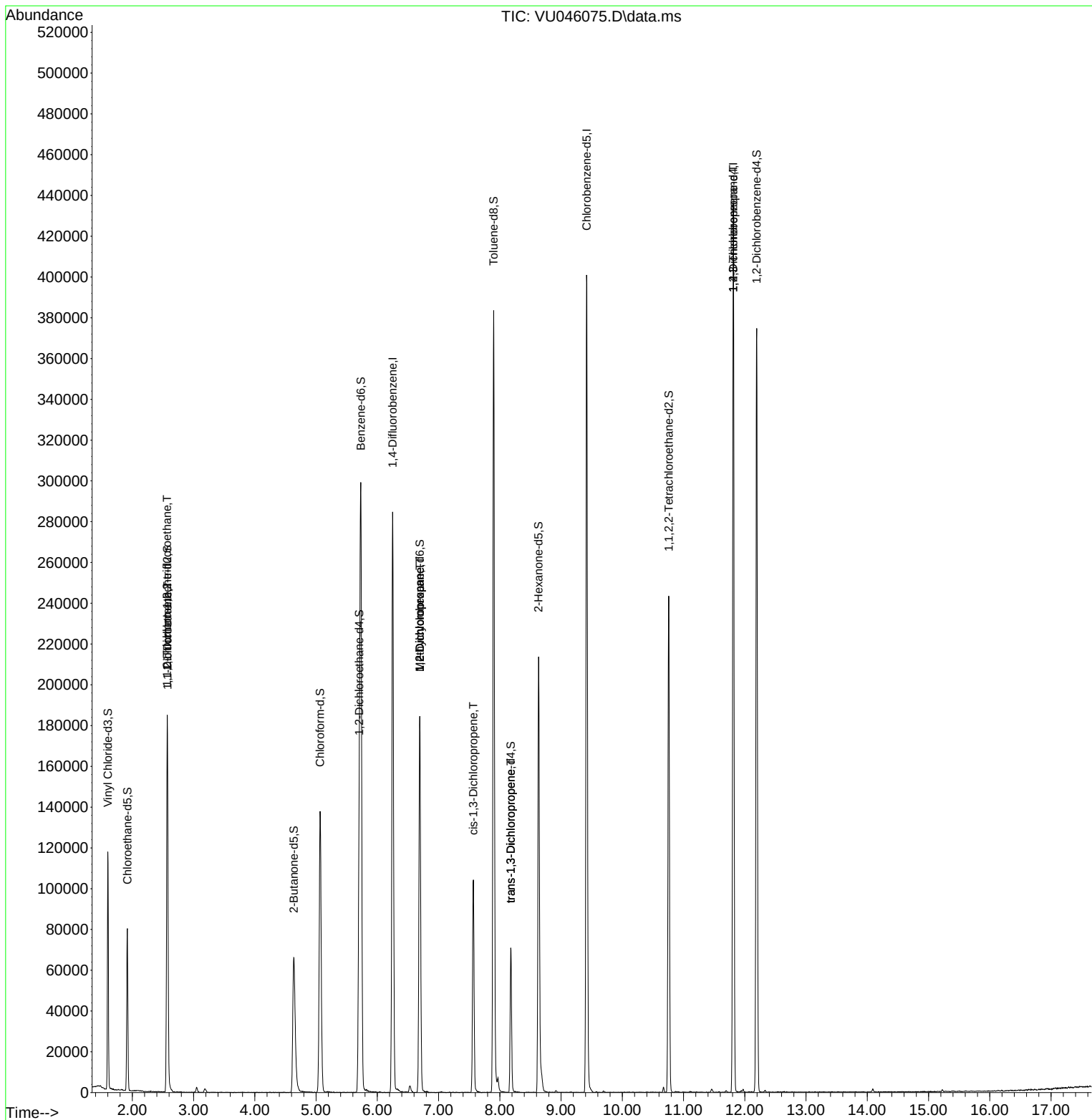
Instrument :
 MSVOA_U
 ClientSampleId :

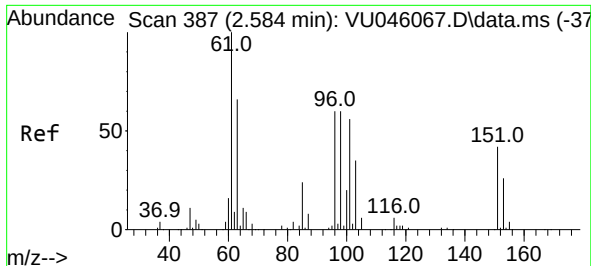
Quant Time: Dec 04 03:07:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	234876	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	229786	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	115492	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	80702	41.711	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.420%
7) Chloroethane-d5	1.919	69	58390	39.306	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.620%
11) 1,1-Dichloroethene-d2	2.571	63	108945	31.366	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.740%
21) 2-Butanone-d5	4.636	46	112312	73.022	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.020%
24) Chloroform-d	5.067	84	129544	40.094	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.180%
26) 1,2-Dichloroethane-d4	5.703	65	86872	40.063	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.120%
32) Benzene-d6	5.732	84	286733	43.536	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.080%
36) 1,2-Dichloropropane-d6	6.693	67	88956	43.582	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.160%
41) Toluene-d8	7.899	98	261689	43.640	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.280%
43) trans-1,3-Dichloroprop...	8.179	79	41152	41.765	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.520%
47) 2-Hexanone-d5	8.632	63	78644	81.262	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.260%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	119452	38.589	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.180%
66) 1,2-Dichlorobenzene-d4	12.195	152	99057	44.537	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.080%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	954	0.558	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	754	0.464	ug/L #	1
35) Methylcyclohexane	6.693	83	21196	7.461	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	9341	5.127	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2360	0.852	ug/L #	72
44) trans-1,3-Dichloropropene	8.179	75	1731	0.636	ug/L	86
60) 1,2,3-Trichloropropane	11.812	75	13532	5.345	ug/L #	65

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

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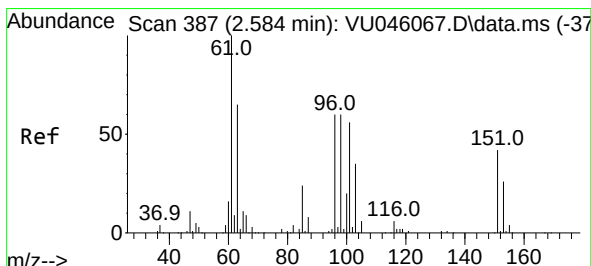
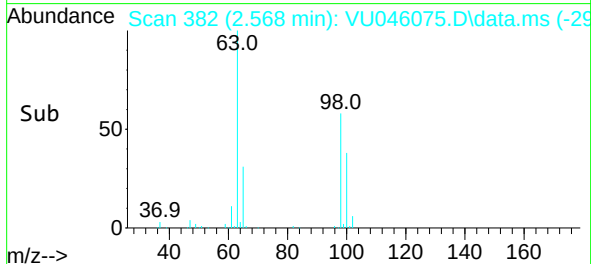
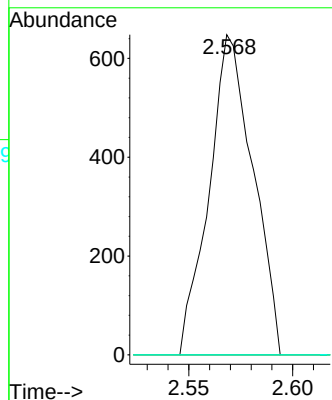
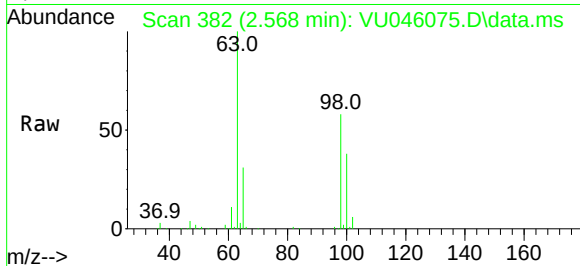




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.558 ug/L
RT: 2.568 min Scan# 31
Delta R.T. -0.019 min
Lab File: VU046075.D
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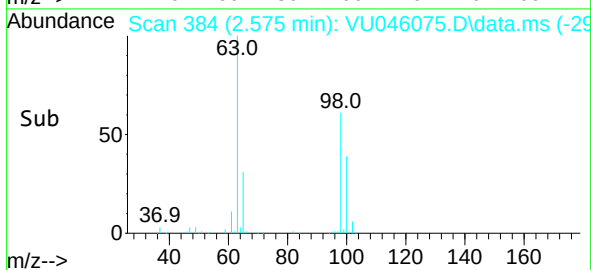
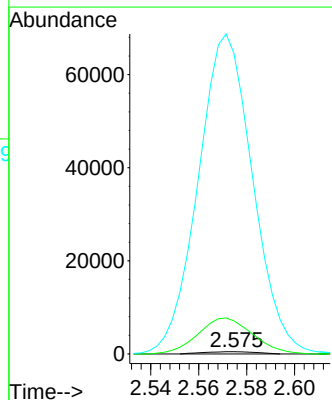
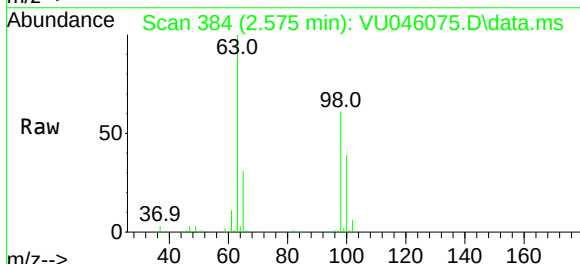
Instrument :
MSVOA_U
ClientSampleId :

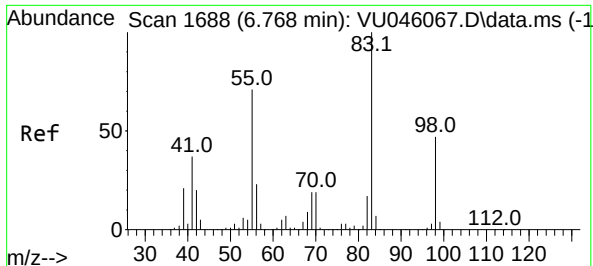
Tgt Ion:101 Resp: 954
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.464 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.010 min
Lab File: VU046075.D
Acq: 03 Dec 2021 15:47

Tgt Ion: 96 Resp: 754
Ion Ratio Lower Upper
96 100
61 1435.3 118.6 220.2#
63 13012.9 93.0 172.8#

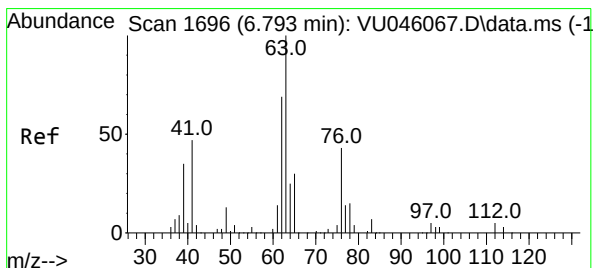
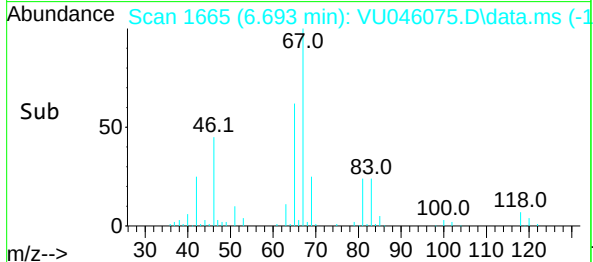
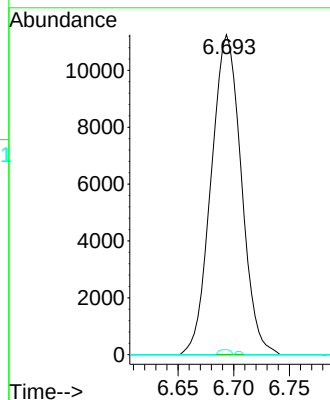
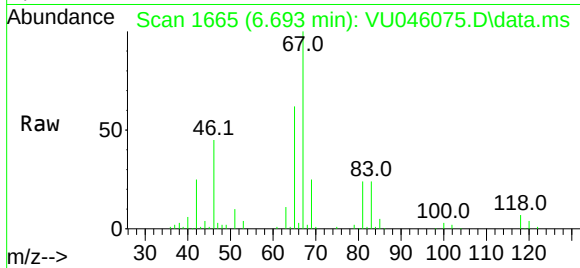




#35
Methylcyclohexane
Concen: 7.461 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046075.D
Acq: 03 Dec 2021 15:47

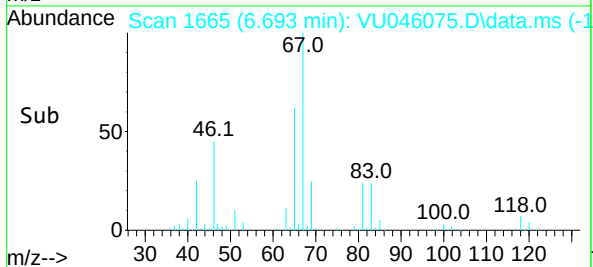
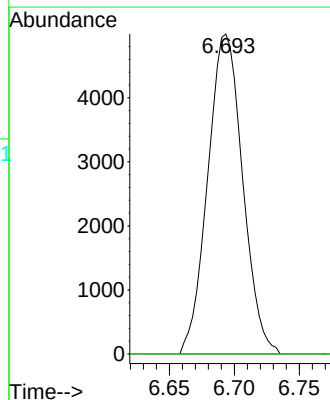
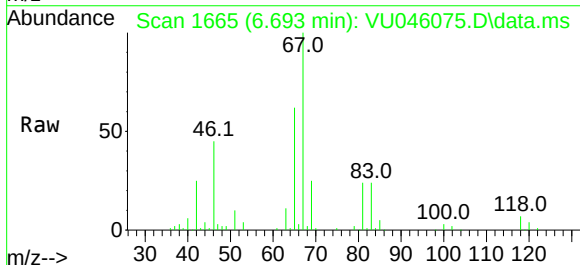
Instrument :
MSVOA_U
ClientSampleId :

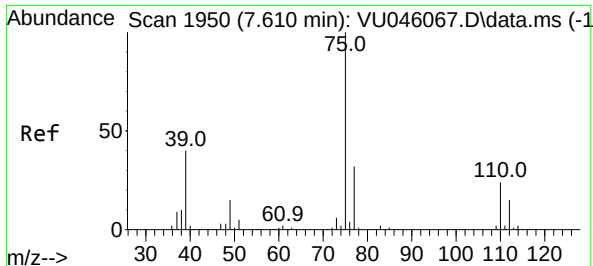
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.6#
98	0.6	38.4	57.6#



#37
1,2-Dichloropropane
Concen: 5.127 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU046075.D
Acq: 03 Dec 2021 15:47

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





#39

cis-1,3-Dichloropropene

Concen: 0.852 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046075.D

Acq: 03 Dec 2021 15:47

Instrument :

MSVOA_U

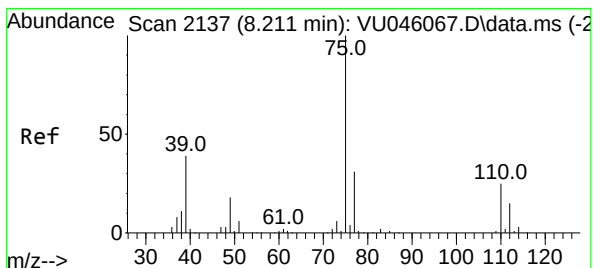
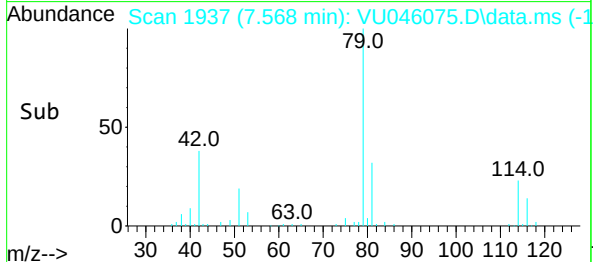
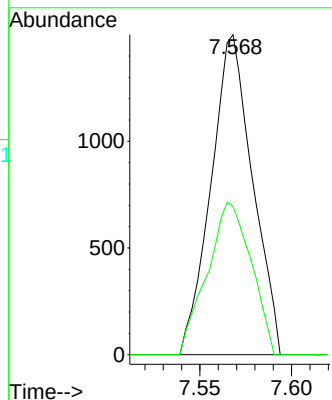
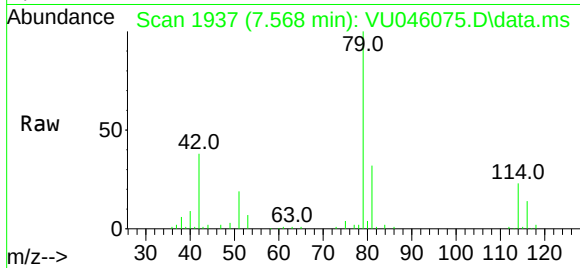
ClientSampleId :

Tgt Ion: 75 Resp: 2360

Ion Ratio Lower Upper

75 100

77 46.5 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.636 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.035 min

Lab File: VU046075.D

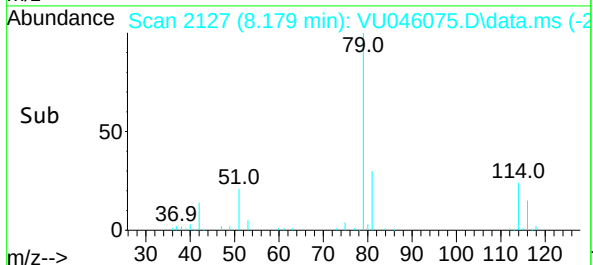
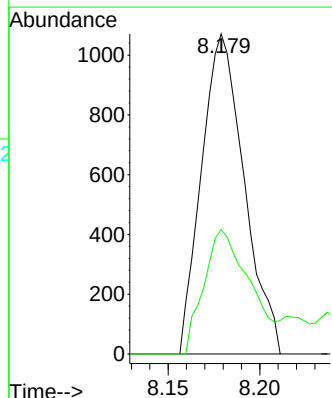
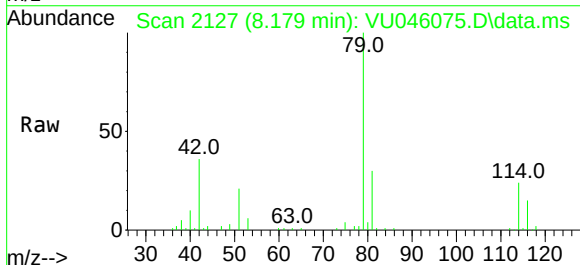
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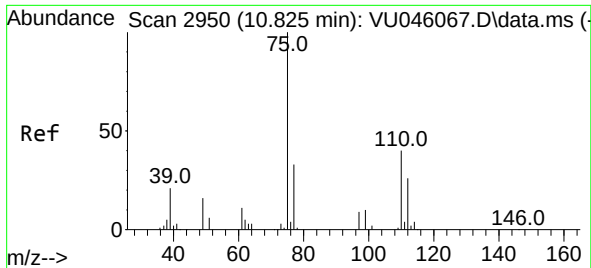
Tgt Ion: 75 Resp: 1731

Ion Ratio Lower Upper

75 100

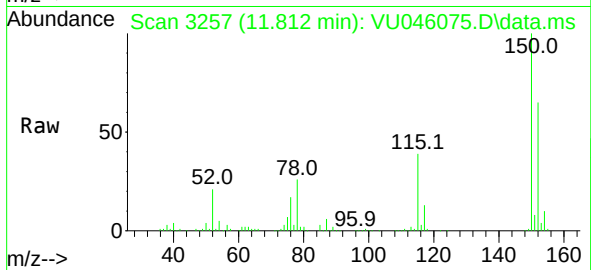
77 38.8 21.7 40.3





#60
 1,2,3-Trichloropropane
 Concen: 5.345 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046075.D
 Acq: 03 Dec 2021 15:47

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	13532
Ion	Ratio	Lower	Upper
75	100		
77	34.2	26.4	39.6
110	2.6	32.4	48.6#

