

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
 Data File : VU046198.D
 Acq On : 09 Dec 2021 00:04
 Operator : SY/MD
 Sample : M4982-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 04:37:12 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)

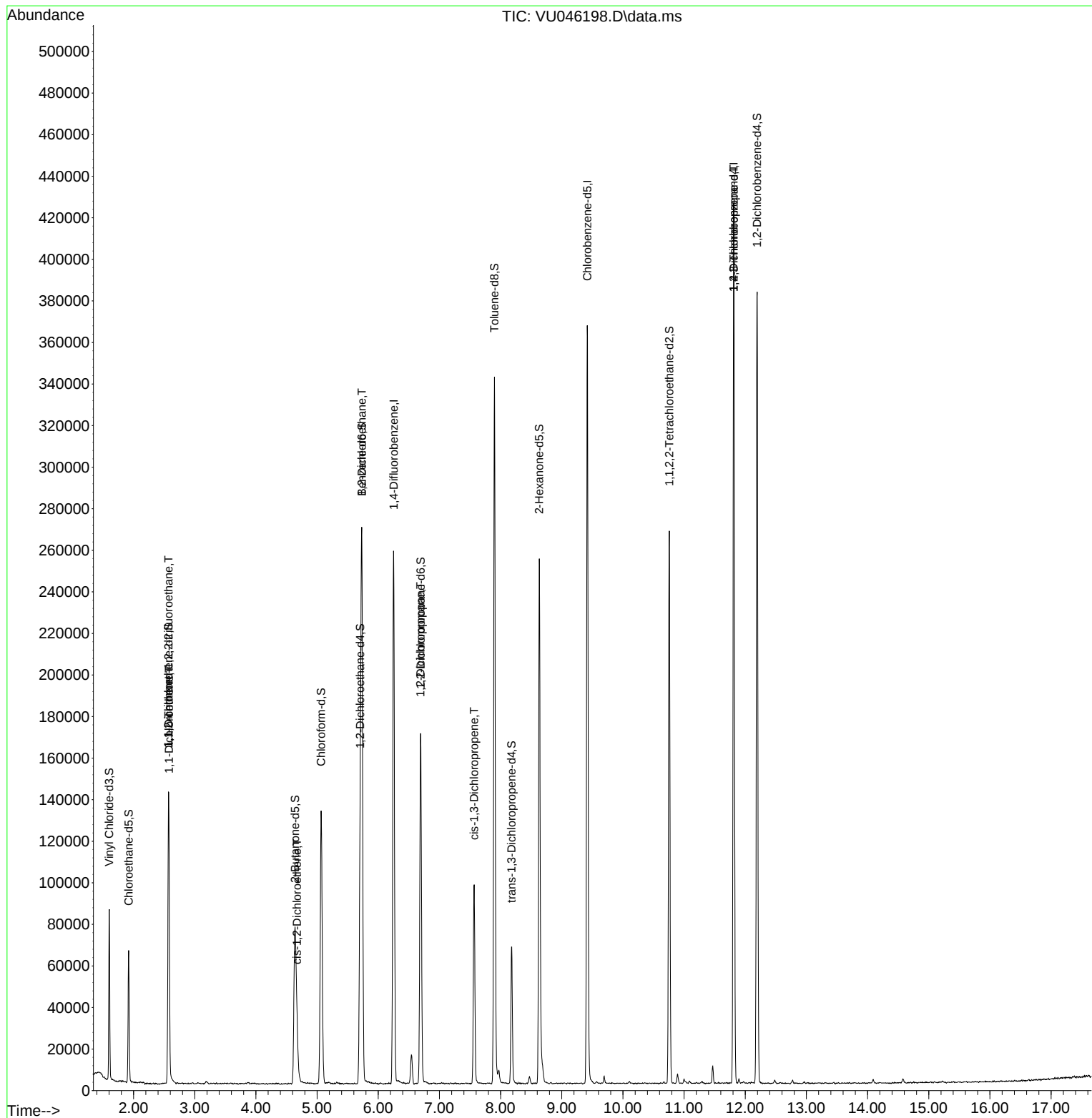
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	216082	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	212638	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	113157	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	56636	31.818	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	63.640%	
7) Chloroethane-d5	1.919	69	46919	34.331	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	68.660%#	
11) 1,1-Dichloroethene-d2	2.572	63	84438	26.425	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	52.860%#	
21) 2-Butanone-d5	4.639	46	132420	93.584	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	93.580%	
24) Chloroform-d	5.067	84	124444	41.866	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	83.740%	
26) 1,2-Dichloroethane-d4	5.703	65	82046	41.129	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	82.260%	
32) Benzene-d6	5.732	84	256367	42.065	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	84.120%	
36) 1,2-Dichloropropane-d6	6.694	67	81394	43.093	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	86.180%	
41) Toluene-d8	7.899	98	230929	41.616	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	83.240%	
43) trans-1,3-Dichloroprop...	8.179	79	38285	41.989	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	83.980%	
47) 2-Hexanone-d5	8.633	63	93610	104.527	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	104.530%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	130620	45.600	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	91.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	102495	47.033	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	94.060%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	674	0.429	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	924	0.618	ug/L #	1
20) cis-1,2-Dichloroethene	4.671	96	6706	3.909	ug/L	95
27) 1,2-Dichloroethane	5.732	62	1255	0.529	ug/L #	73
37) 1,2-Dichloropropane	6.690	63	8559	5.077	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2326	0.907	ug/L #	62
60) 1,2,3-Trichloropropane	11.812	75	12578	5.071	ug/L #	65

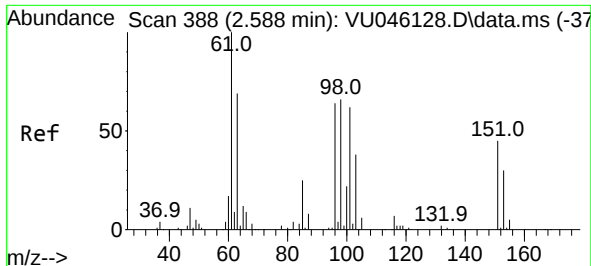
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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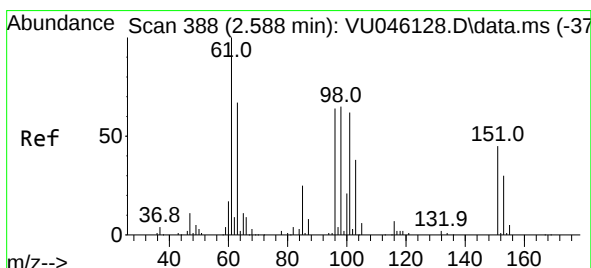
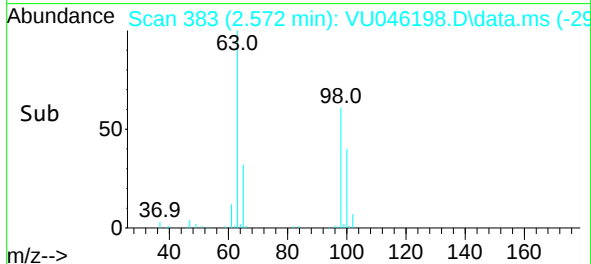
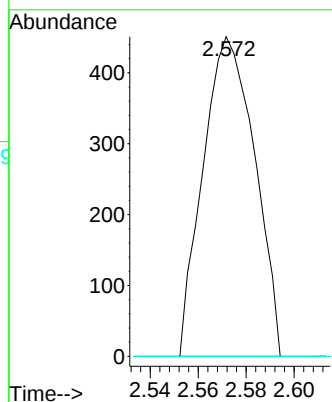
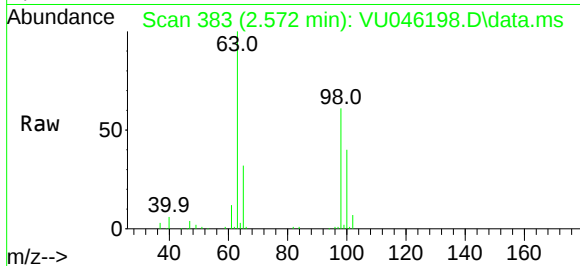




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.429 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046198.D
Acq: 09 Dec 2021 00:04

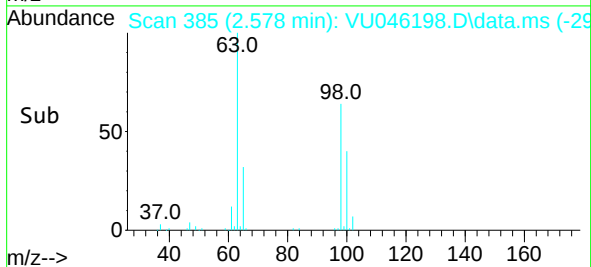
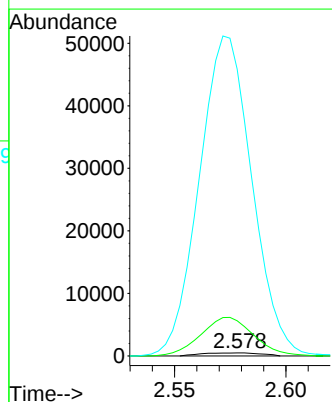
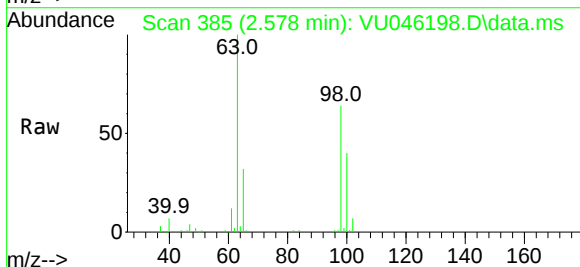
Instrument :
MSVOA_U
ClientSampleId :

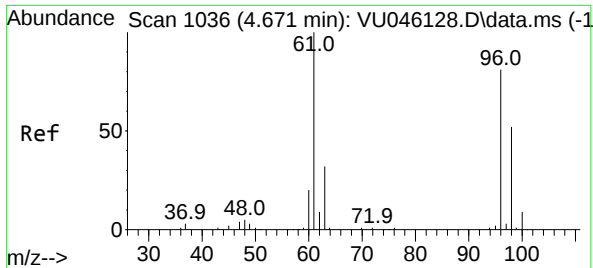
Tgt Ion:101 Resp: 674
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.618 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.006 min
Lab File: VU046198.D
Acq: 09 Dec 2021 00:04

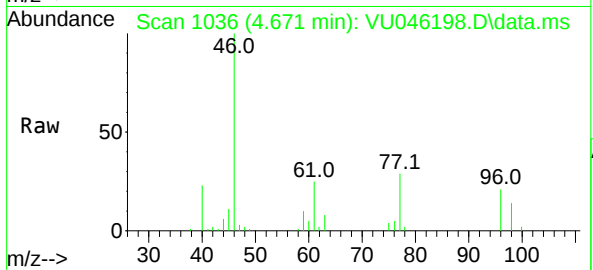
Tgt Ion: 96 Resp: 924
Ion Ratio Lower Upper
96 100
61 1127.1 118.6 220.2#
63 9194.4 93.0 172.8#





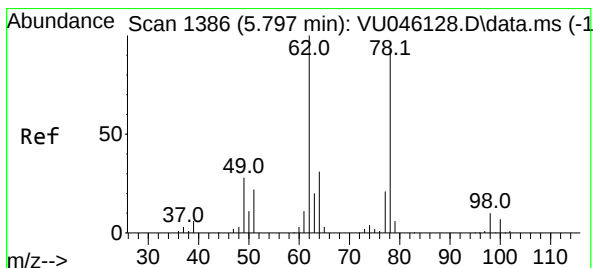
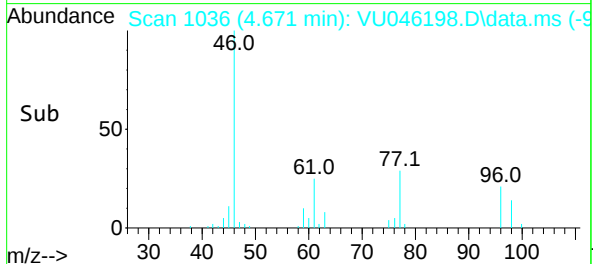
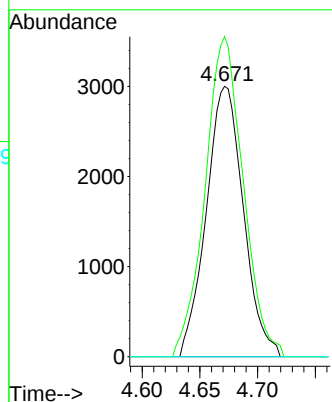
#20
 cis-1,2-Dichloroethene
 Concen: 3.909 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU046198.D
 Acq: 09 Dec 2021 00:04

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 6706

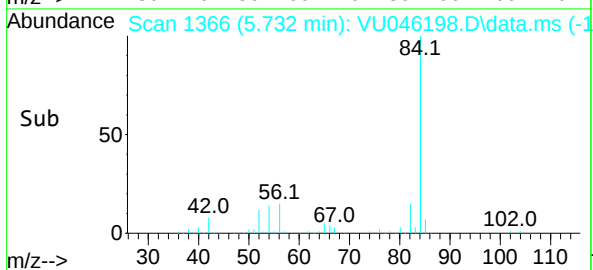
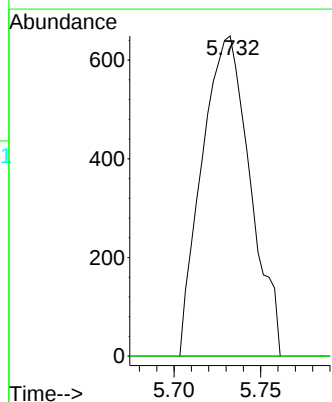
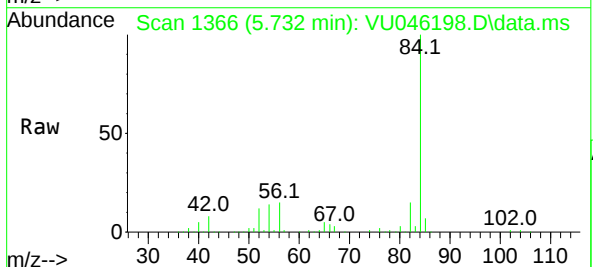
Ion	Ratio	Lower	Upper
96	100		
61	118.3	86.8	161.2
68	0.0	0.0	0.0

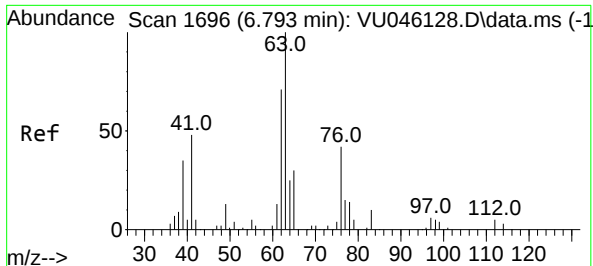


#27
 1,2-Dichloroethane
 Concen: 0.529 ug/L
 RT: 5.732 min Scan# 1366
 Delta R.T. -0.067 min
 Lab File: VU046198.D
 Acq: 09 Dec 2021 00:04

Tgt Ion: 62 Resp: 1255

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.9	11.9#





#37

1,2-Dichloropropane

Concen: 5.077 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046198.D

Acq: 09 Dec 2021 00:04

Instrument :

MSVOA_U

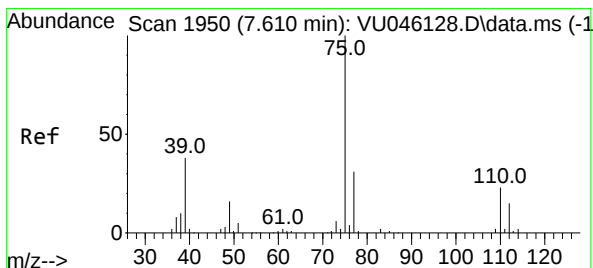
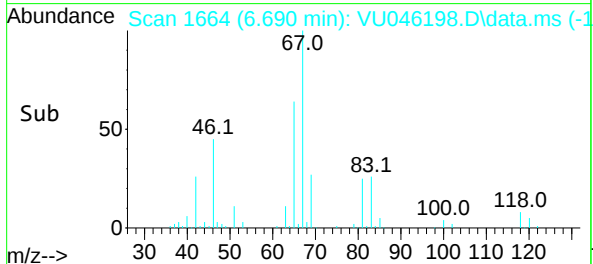
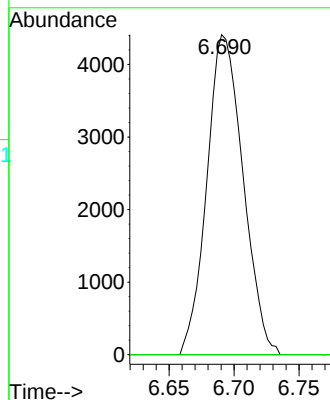
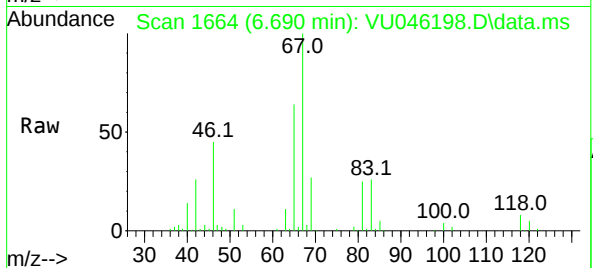
ClientSampleId :

Tgt Ion: 63 Resp: 8559

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.907 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046198.D

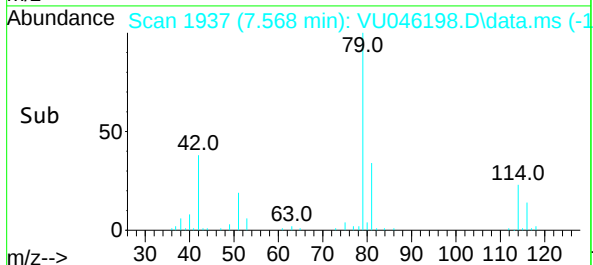
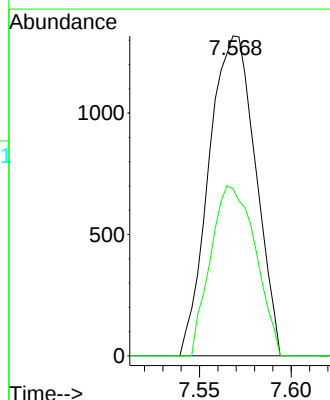
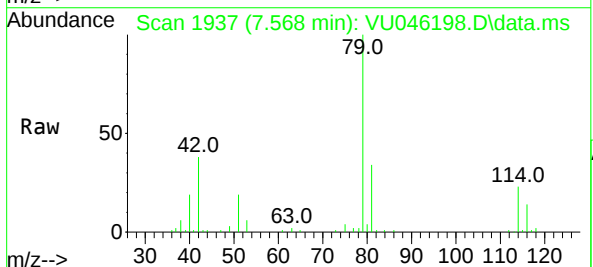
Acq: 09 Dec 2021 00:04

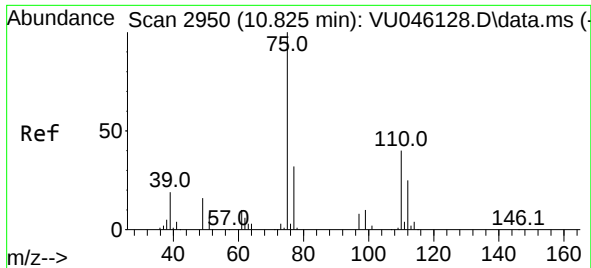
Tgt Ion: 75 Resp: 2326

Ion Ratio Lower Upper

75 100

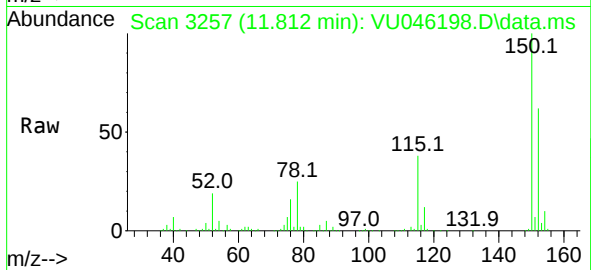
77 52.2 21.8 40.6#





#60
 1,2,3-Trichloropropane
 Concen: 5.071 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046198.D
 Acq: 09 Dec 2021 00:04

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	12578
Ion	Ratio	Lower	Upper
75	100		
77	34.3	26.4	39.6
110	2.3	32.4	48.6#

