

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
 Data File : VU046338.D
 Acq On : 13 Dec 2021 23:49
 Operator : SY/MD
 Sample : M5062-04 20X
 Misc : 6.96g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 14 03:56:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 14 03:19:41 2021
 Response via : Initial Calibration

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

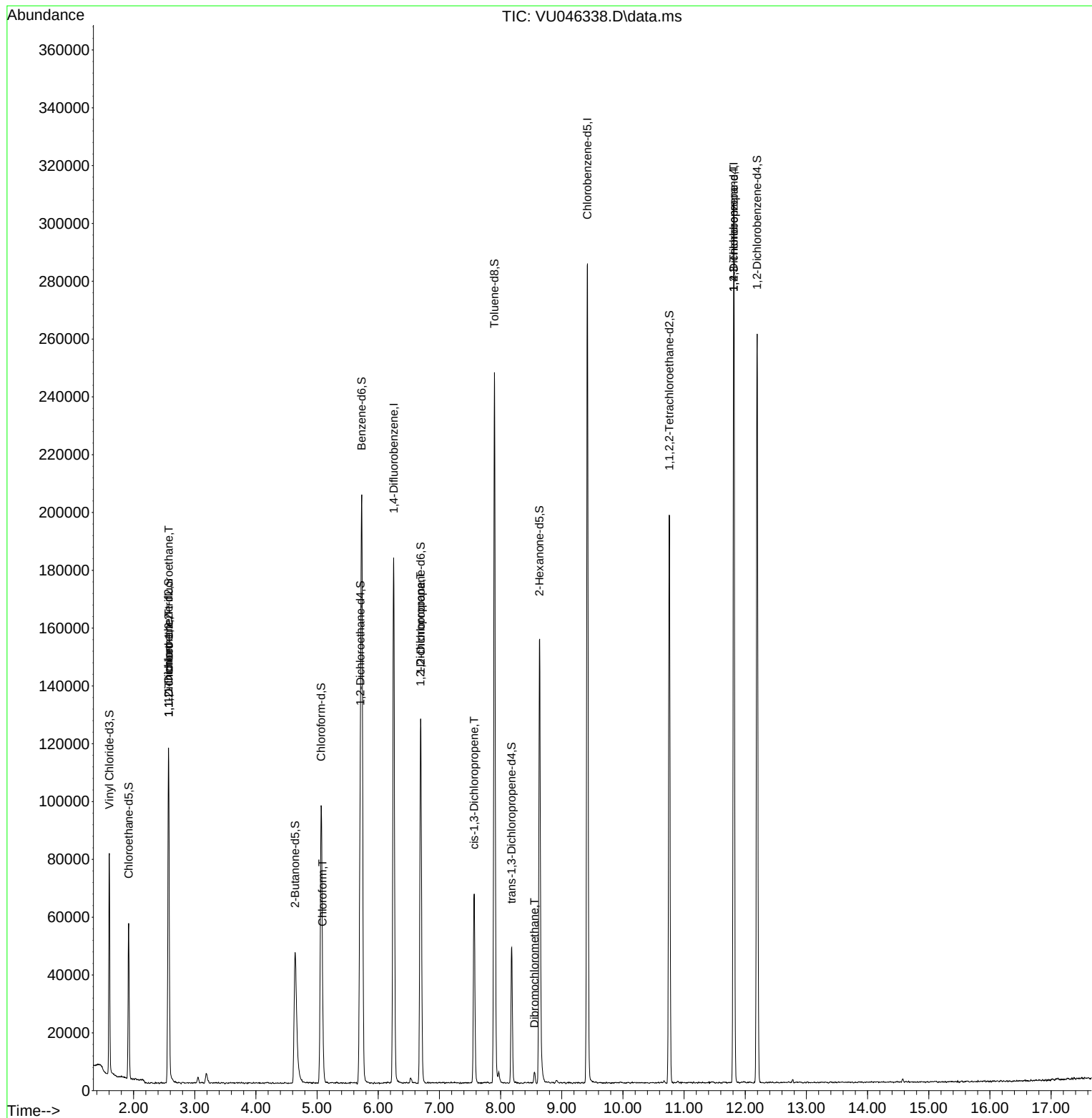
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	147588	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	159238	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	78767	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	54547	44.867	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.740%
7) Chloroethane-d5	1.919	69	38832	41.601	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.571	63	69380	31.789	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.580%
21) 2-Butanone-d5	4.642	46	82202	85.054	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.050%
24) Chloroform-d	5.066	84	89124	43.898	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.706	65	64667	47.461	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.920%
32) Benzene-d6	5.729	84	189509	41.522	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.040%
36) 1,2-Dichloropropane-d6	6.693	67	59713	42.216	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.440%
41) Toluene-d8	7.899	98	161809	38.938	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.880%#
43) trans-1,3-Dichloroprop...	8.179	79	27428	40.169	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.340%
47) 2-Hexanone-d5	8.635	63	56853	84.772	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.770%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	95692	44.609	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.220%
66) 1,2-Dichlorobenzene-d4	12.195	152	66186	43.632	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.260%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	609	0.567	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	515	0.505	ug/L #	1
25) Chloroform	5.089	83	8952	4.103	ug/L	95
37) 1,2-Dichloropropane	6.690	63	6777	5.368	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1681	0.875	ug/L #	81
49) Dibromochloromethane	8.552	129	938	0.705	ug/L #	10
60) 1,2,3-Trichloropropane	11.812	75	9380	5.433	ug/L #	64

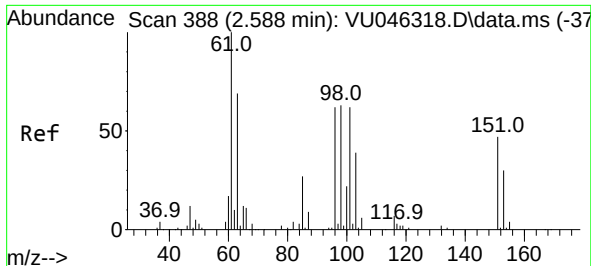
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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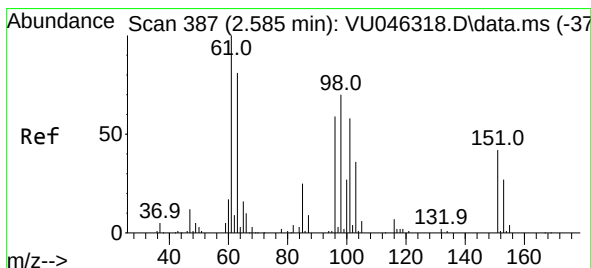
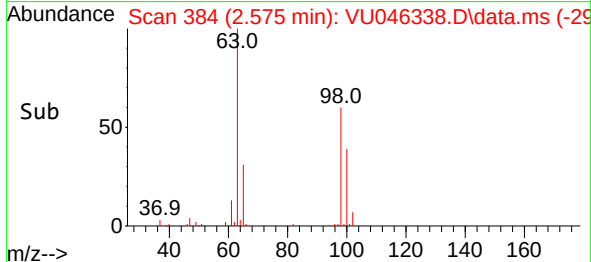
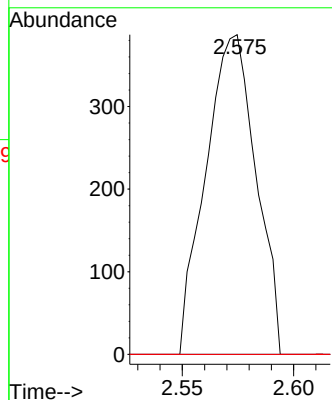
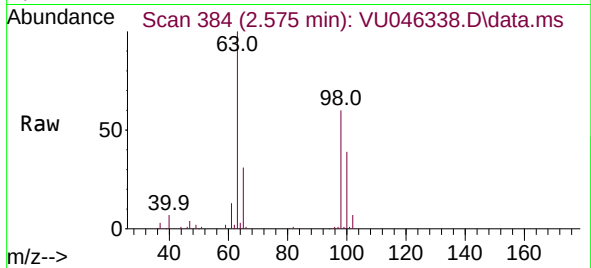




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.567 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU046338.D
 Acq: 13 Dec 2021 23:49

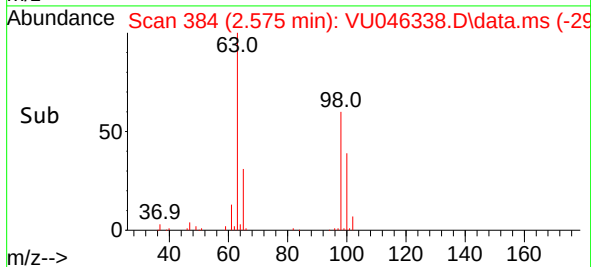
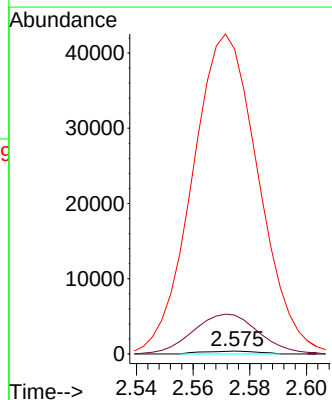
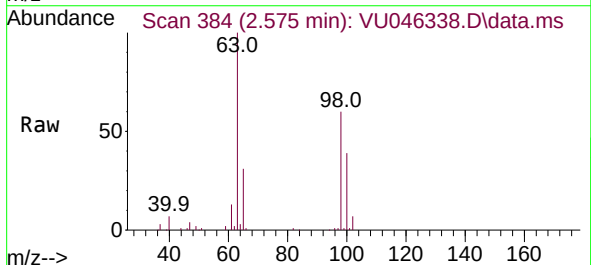
Instrument :
 MSVOA_U
 ClientSampleId :

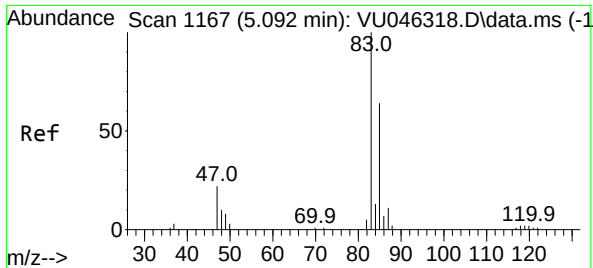
Tgt Ion:101 Resp: 609
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.505 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.010 min
 Lab File: VU046338.D
 Acq: 13 Dec 2021 23:49

Tgt Ion: 96 Resp: 515
 Ion Ratio Lower Upper
 96 100
 61 1355.9 118.6 220.2#
 63 10635.2 93.0 172.8#

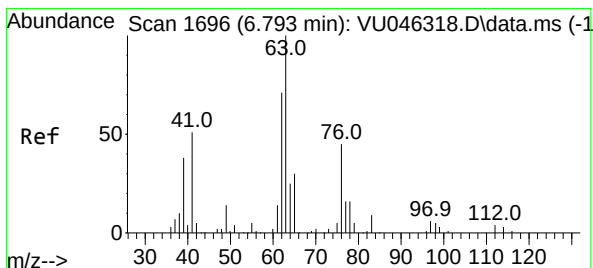
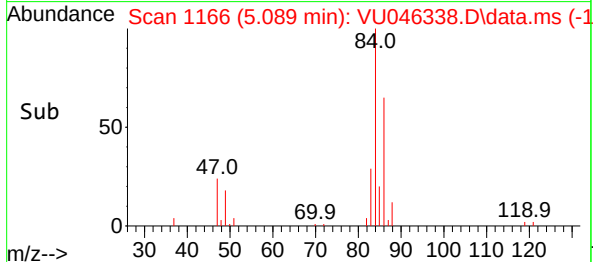
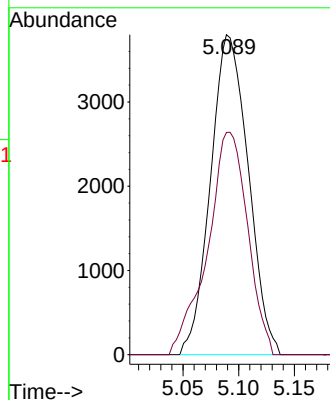
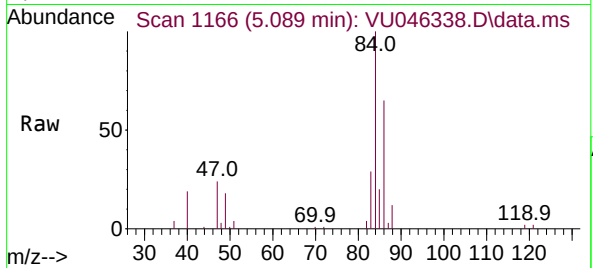




#25
Chloroform
Concen: 4.103 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.003 min
Lab File: VU046338.D
Acq: 13 Dec 2021 23:49

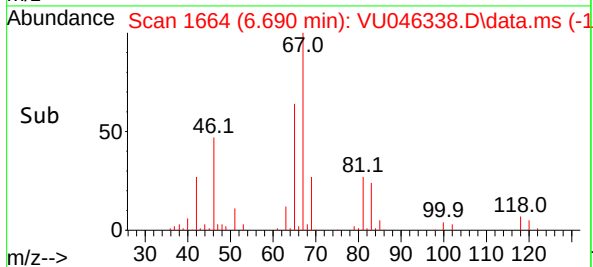
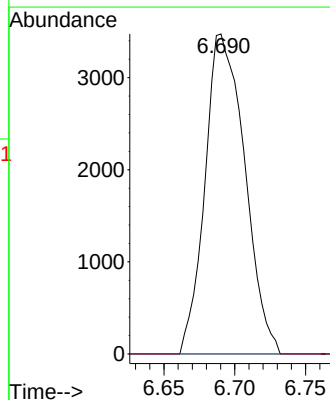
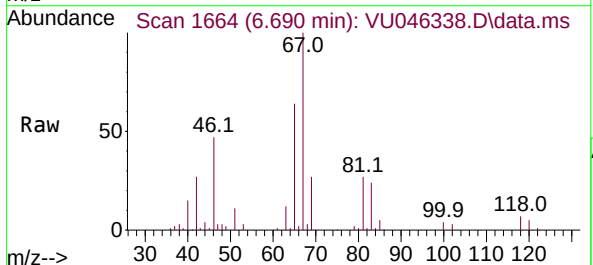
Instrument :
MSVOA_U
ClientSampleId :

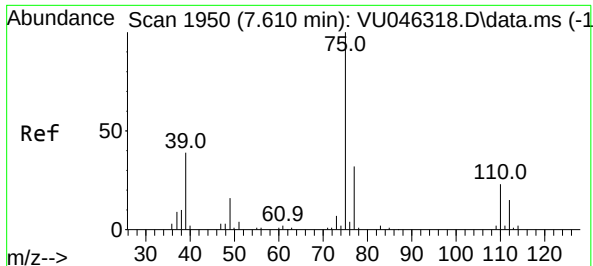
Tgt Ion: 83 Resp: 8952
Ion Ratio Lower Upper
83 100
85 69.5 45.8 85.2



#37
1,2-Dichloropropane
Concen: 5.368 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU046338.D
Acq: 13 Dec 2021 23:49

Tgt Ion: 63 Resp: 6777
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.875 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046338.D

Acq: 13 Dec 2021 23:49

Instrument :

MSVOA_U

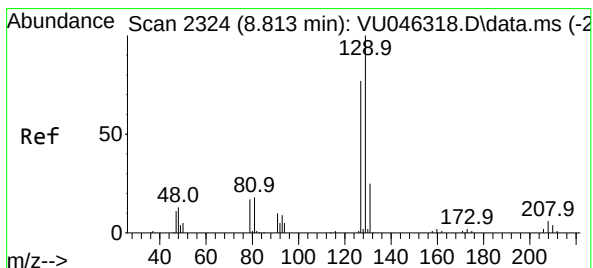
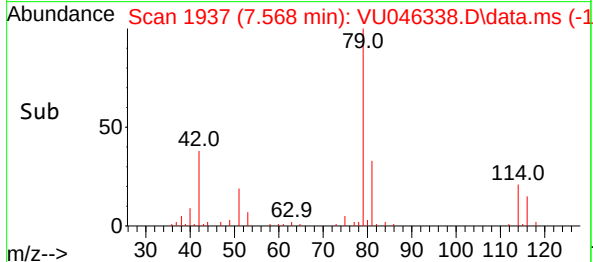
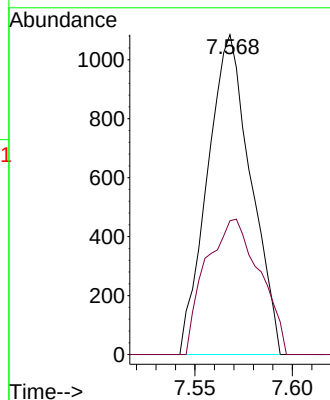
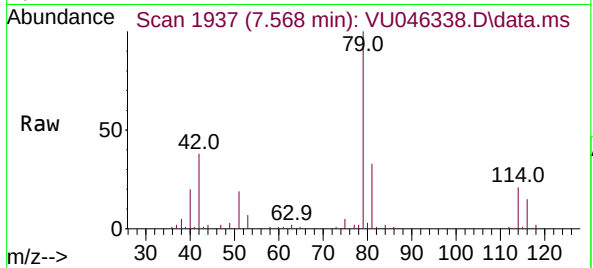
ClientSampleId :

Tgt Ion: 75 Resp: 1681

Ion Ratio Lower Upper

75 100

77 41.8 21.8 40.6#



#49

Dibromochloromethane

Concen: 0.705 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.261 min

Lab File: VU046338.D

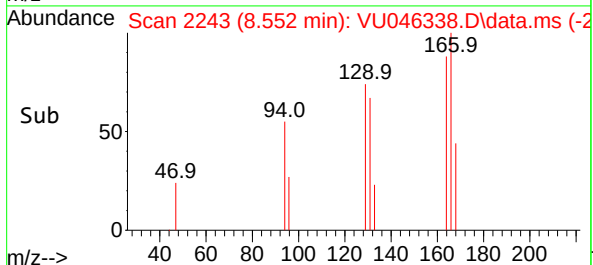
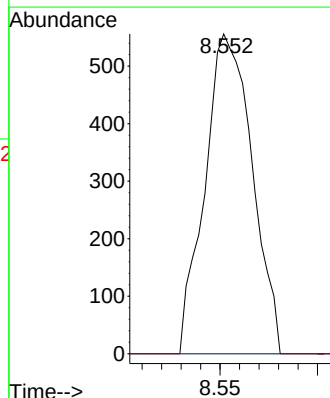
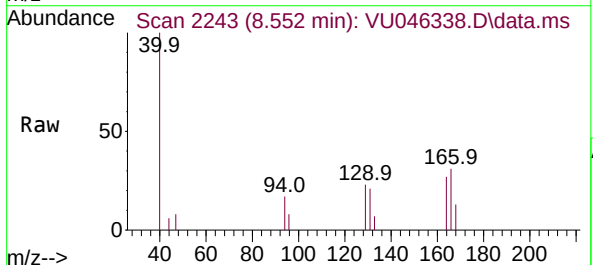
Acq: 13 Dec 2021 23:49

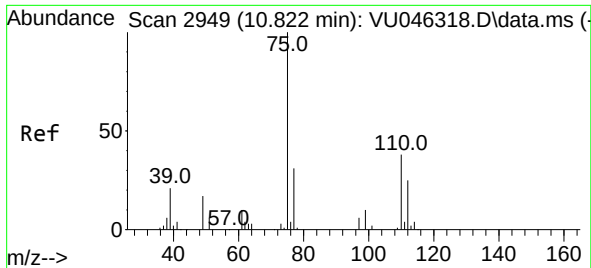
Tgt Ion: 129 Resp: 938

Ion Ratio Lower Upper

129 100

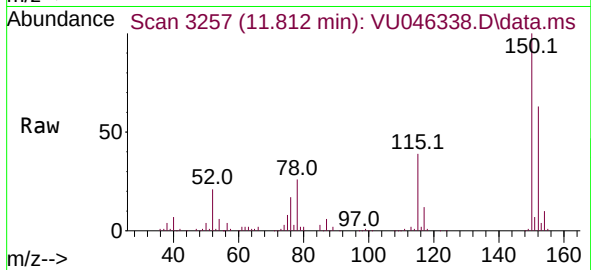
127 0.0 55.6 103.4#





#60
 1,2,3-Trichloropropane
 Concen: 5.433 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU046338.D
 Acq: 13 Dec 2021 23:49

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 9380
 Ion Ratio Lower Upper
 75 100
 77 35.0 26.4 39.6
 110 2.2 32.4 48.6#

