

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121921\
 Data File : VU046501.D
 Acq On : 19 Dec 2021 17:38
 Operator : SY/MD
 Sample : M5103-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

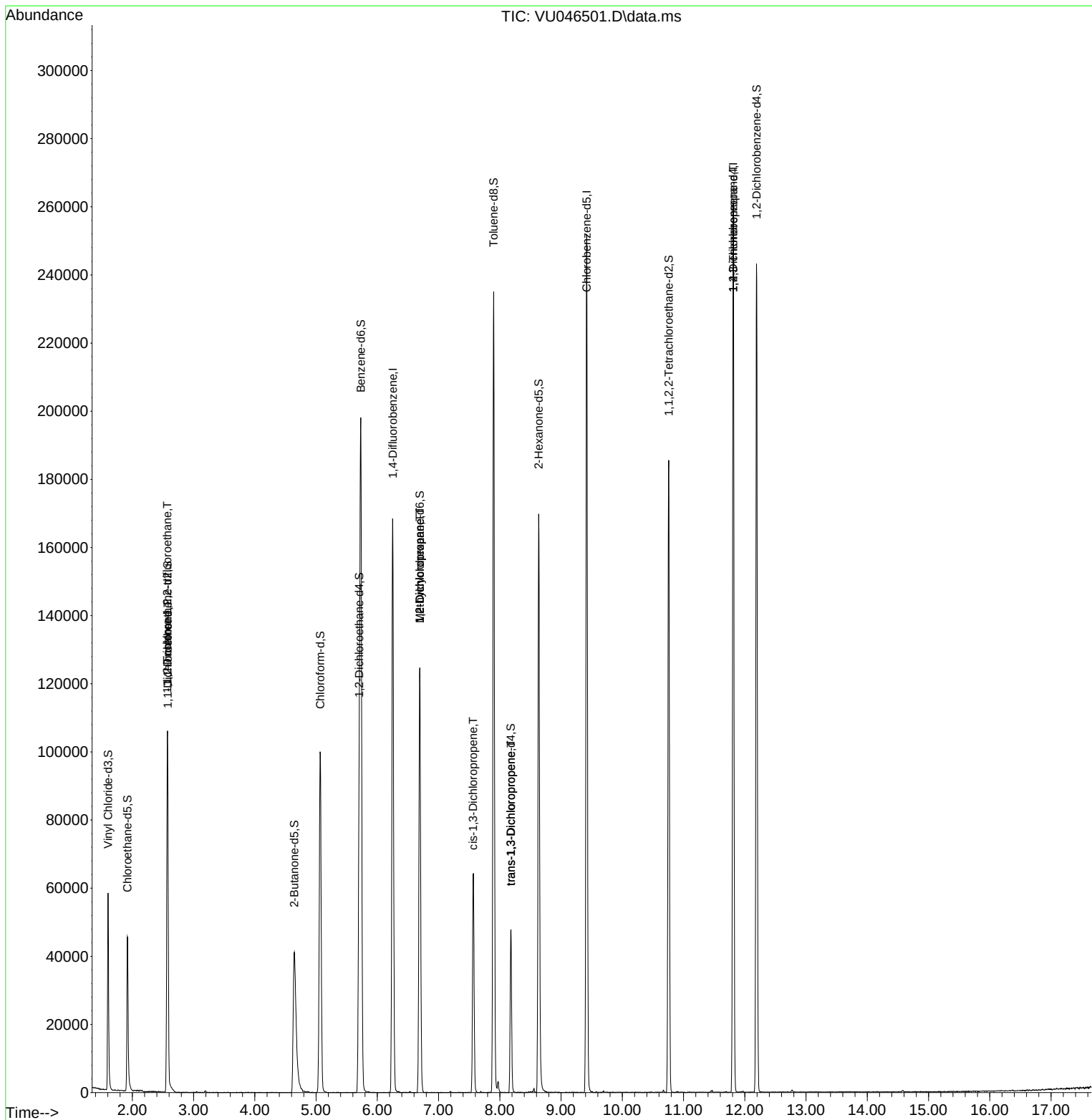
Quant Time: Dec 20 00:29:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 20 00:25:10 2021
 Response via : Initial Calibration

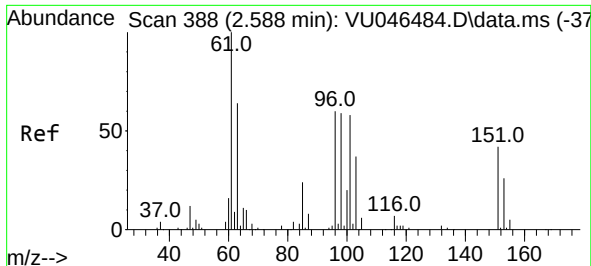
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	137431	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	139774	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	68248	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	45159	39.890	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.780%
7) Chloroethane-d5	1.919	69	38466	44.254	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.500%
11) 1,1-Dichloroethene-d2	2.575	63	64370	31.673	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.340%
21) 2-Butanone-d5	4.645	46	88905	98.788	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.790%
24) Chloroform-d	5.070	84	93658	49.541	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.080%
26) 1,2-Dichloroethane-d4	5.703	65	64646	50.952	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.900%
32) Benzene-d6	5.732	84	182070	45.447	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.900%
36) 1,2-Dichloropropane-d6	6.694	67	56916	45.842	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.680%
41) Toluene-d8	7.899	98	154606	42.386	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.780%
43) trans-1,3-Dichloroprop...	8.179	79	27308	45.563	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.120%
47) 2-Hexanone-d5	8.636	63	62945	106.926	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.930%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	90226	47.918	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.840%
66) 1,2-Dichlorobenzene-d4	12.192	152	63034	47.959	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.920%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	486	0.486	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	510	0.537	ug/L #	1
35) Methylcyclohexane	6.694	83	14424	8.347	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	6383	5.760	ug/L #	86
39) cis-1,3-Dichloropropene	7.562	75	1644	0.975	ug/L #	69
44) trans-1,3-Dichloropropene	8.182	75	1192	0.720	ug/L #	80
60) 1,2,3-Trichloropropane	11.812	75	7998	5.346	ug/L #	64

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

Quant Time: Dec 20 00:29:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Dec 20 00:25:10 2021
Response via : Initial Calibration

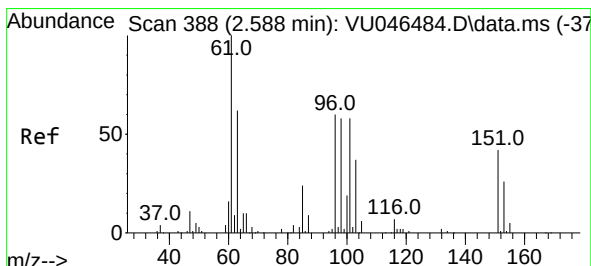
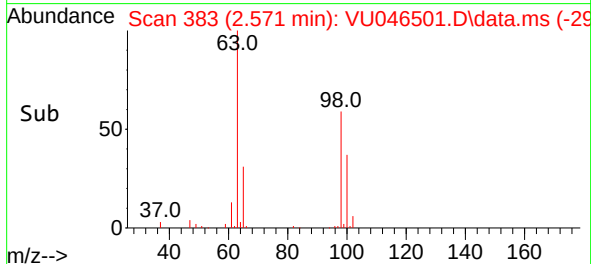
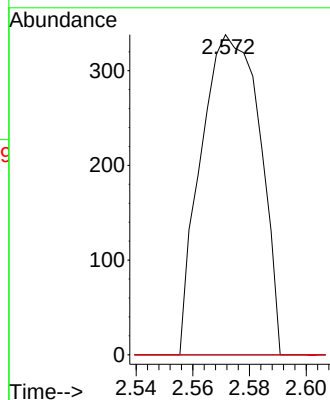
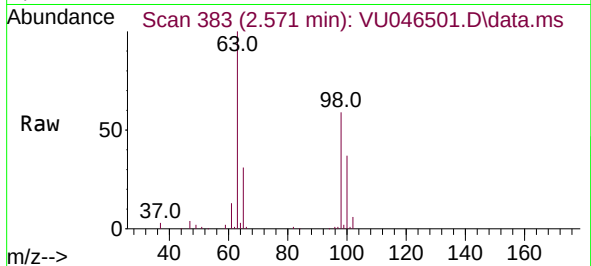




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.486 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU046501.D
 Acq: 19 Dec 2021 17:38

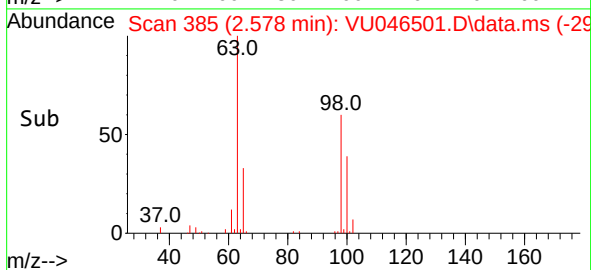
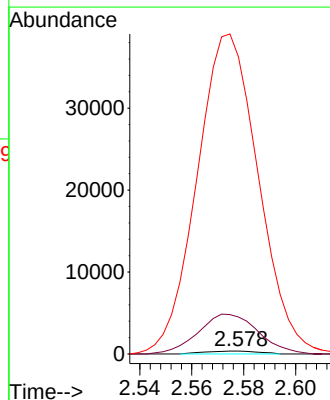
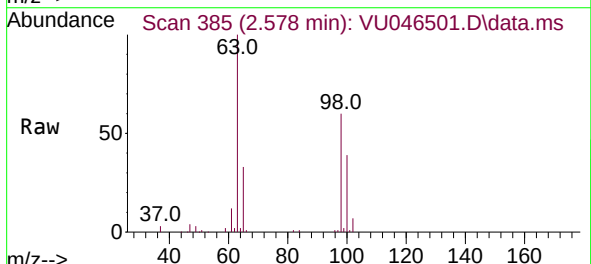
Instrument :
 MSVOA_U
 ClientSampleId :

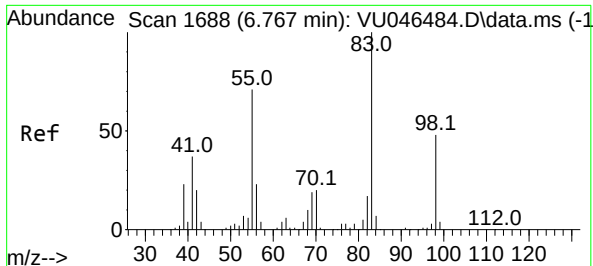
Tgt Ion:101 Resp: 486
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.537 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU046501.D
 Acq: 19 Dec 2021 17:38

Tgt Ion: 96 Resp: 510
 Ion Ratio Lower Upper
 96 100
 61 1271.8 118.6 220.2#
 63 10246.3 93.0 172.8#





#35

Methylcyclohexane

Concen: 8.347 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU046501.D

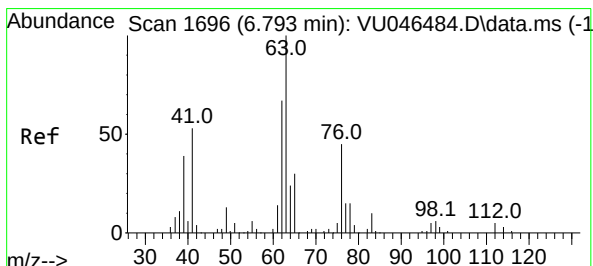
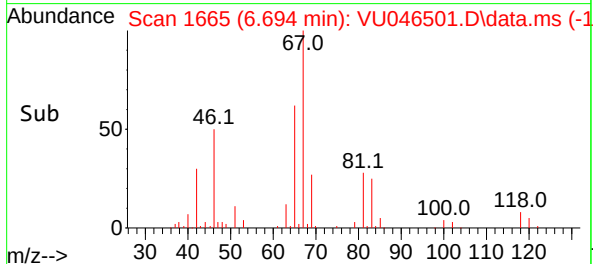
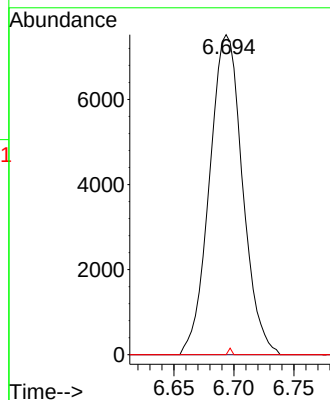
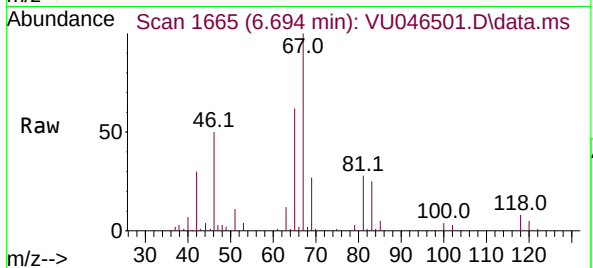
Acq: 19 Dec 2021 17:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 14424
Ion Ratio	Lower Upper
83	100
55	0.0 57.8 86.6#
98	0.0 38.4 57.6#



#37

1,2-Dichloropropane

Concen: 5.760 ug/L

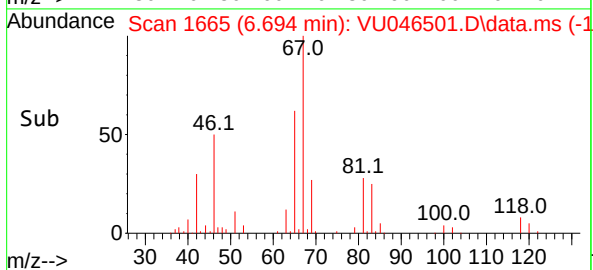
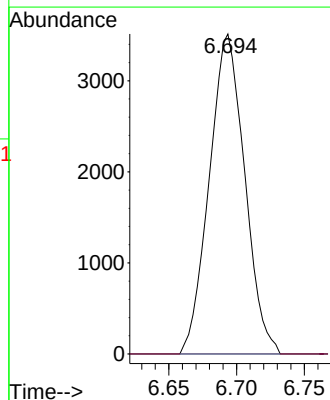
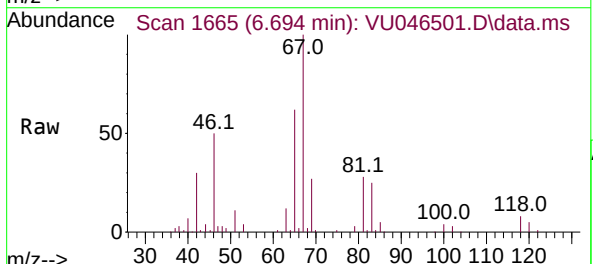
RT: 6.694 min Scan# 1665

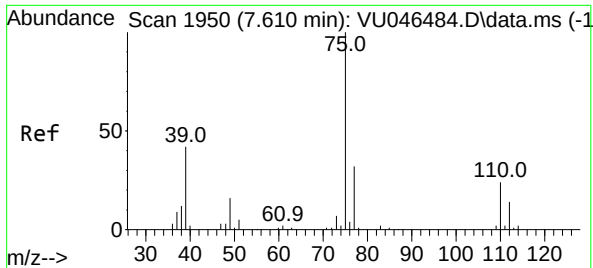
Delta R.T. -0.100 min

Lab File: VU046501.D

Acq: 19 Dec 2021 17:38

Tgt Ion: 63	Resp: 6383
Ion Ratio	Lower Upper
63	100
112	0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.975 ug/L

RT: 7.562 min Scan# 1950

Delta R.T. -0.048 min

Lab File: VU046501.D

Acq: 19 Dec 2021 17:38

Instrument :

MSVOA_U

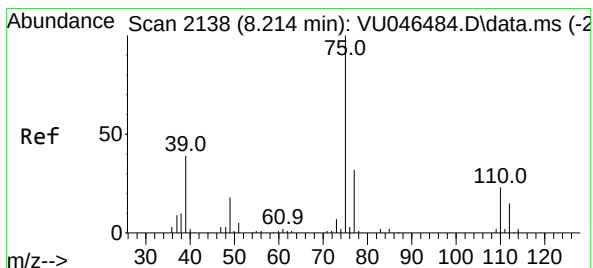
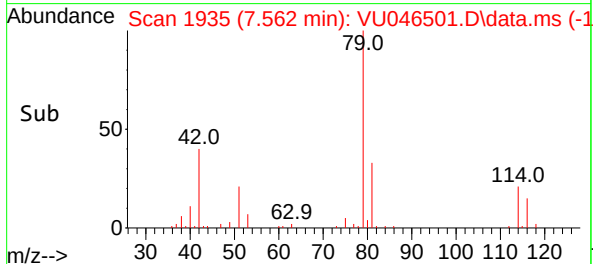
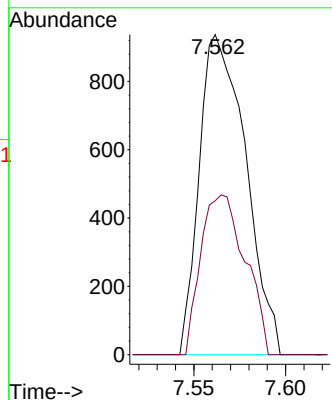
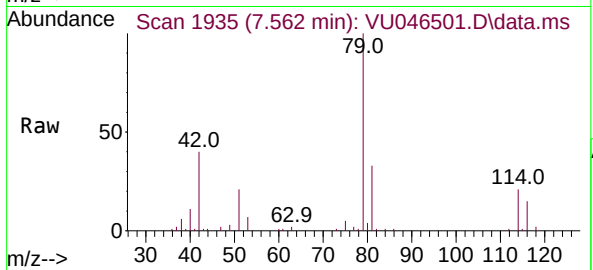
ClientSampleId :

Tgt Ion: 75 Resp: 1644

Ion Ratio Lower Upper

75 100

77 48.1 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.720 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.032 min

Lab File: VU046501.D

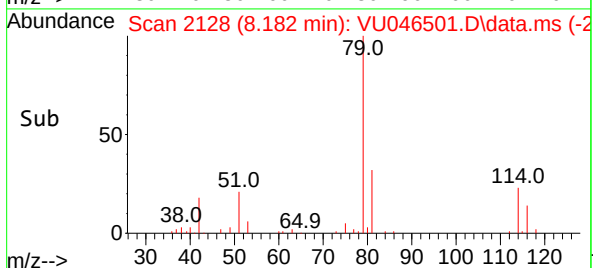
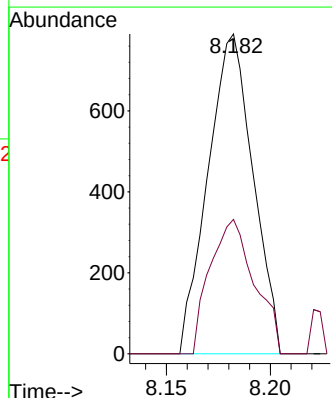
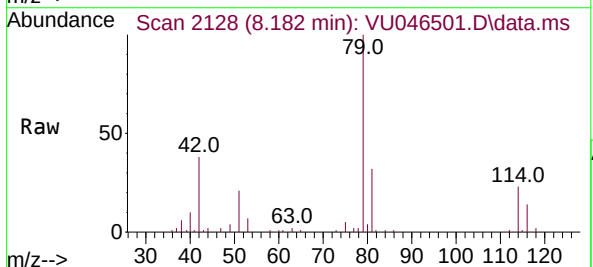
Acq: 19 Dec 2021 17:38

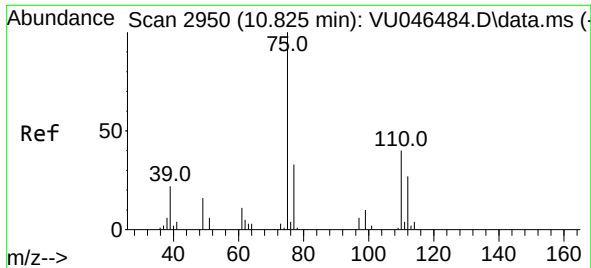
Tgt Ion: 75 Resp: 1192

Ion Ratio Lower Upper

75 100

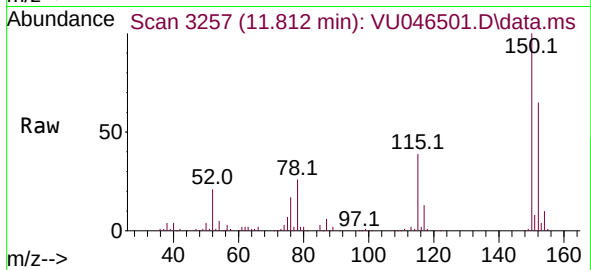
77 42.0 21.7 40.3#





#60
 1,2,3-Trichloropropane
 Concen: 5.346 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046501.D
 Acq: 19 Dec 2021 17:38

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 7998
 Ion Ratio Lower Upper
 75 100
 77 34.2 26.4 39.6
 110 1.0 32.4 48.6#

