

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120121\
 Data File : VU046036.D
 Acq On : 01 Dec 2021 11:45
 Operator : SY/MD
 Sample : M4868-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 02 02:44:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 02 02:43:07 2021
 Response via : Initial Calibration

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

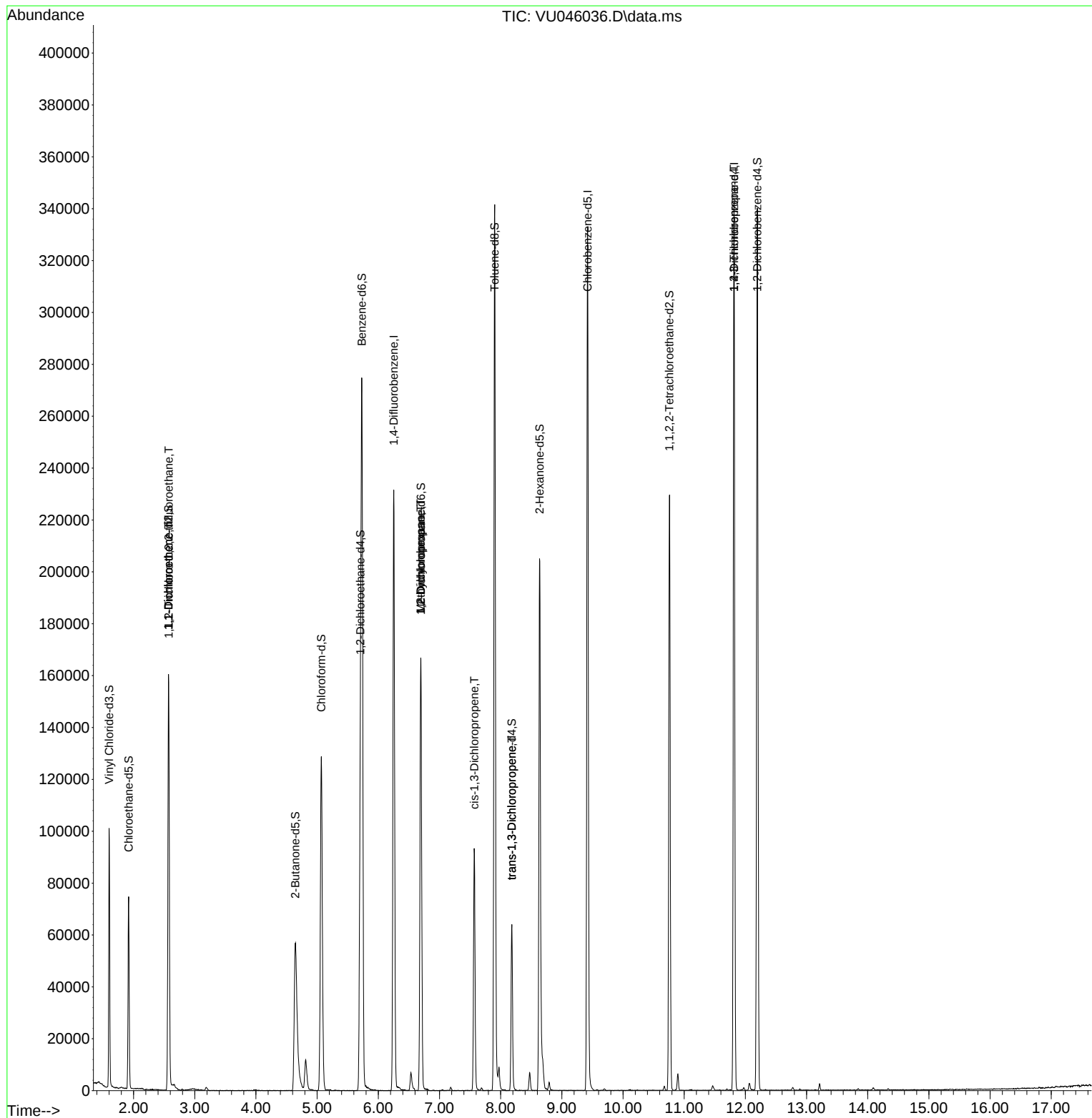
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	189973	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	190810	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	90407	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	69565	44.453	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.900%
7) Chloroethane-d5	1.919	69	54524	45.379	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.760%
11) 1,1-Dichloroethene-d2	2.572	63	95780	34.094	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.180%
21) 2-Butanone-d5	4.645	46	117058	94.097	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.100%
24) Chloroform-d	5.070	84	121433	46.467	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.940%
26) 1,2-Dichloroethane-d4	5.707	65	82429	47.000	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.000%
32) Benzene-d6	5.732	84	259957	47.533	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.060%
36) 1,2-Dichloropropane-d6	6.697	67	80841	47.696	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.400%
41) Toluene-d8	7.903	98	231593	46.510	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.020%
43) trans-1,3-Dichloroprop...	8.182	79	36878	45.072	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.140%
47) 2-Hexanone-d5	8.636	63	76828	95.602	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.600%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	116949	45.498	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	88778	50.990	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.980%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	820	0.593	ug/L #	21
12) 1,1-Dichloroethene	2.572	96	789	0.601	ug/L #	1
35) Methylcyclohexane	6.694	83	19032	8.068	ug/L #	25
37) 1,2-Dichloropropane	6.694	63	8561	5.659	ug/L #	86
39) cis-1,3-Dichloropropene	7.571	75	2337	1.015	ug/L #	68
44) trans-1,3-Dichloropropene	8.182	75	1612	0.713	ug/L #	81
60) 1,2,3-Trichloropropane	11.812	75	11191	5.647	ug/L #	64

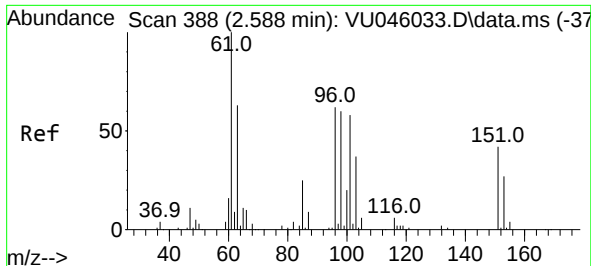
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Dec 02 02:43:07 2021
Response via : Initial Calibration

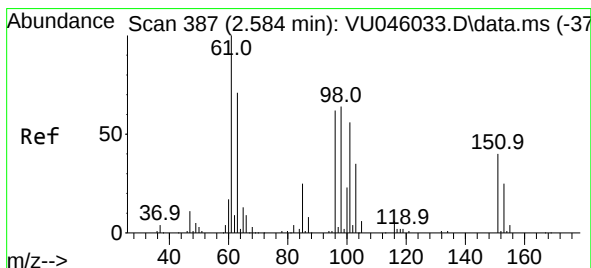
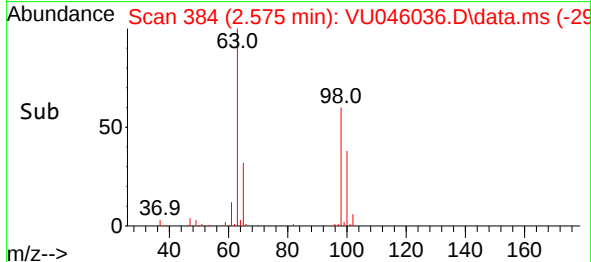
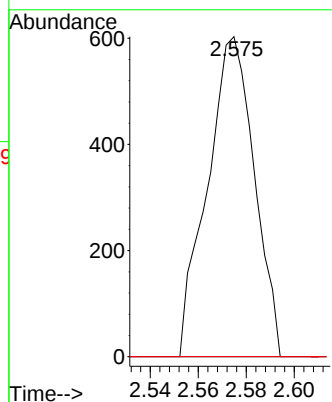
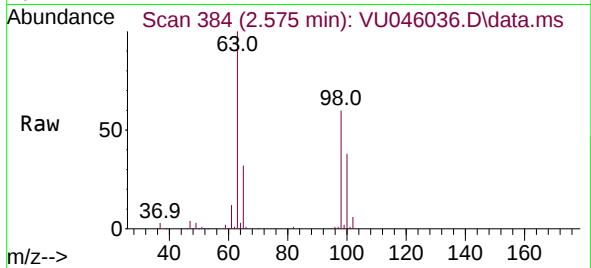




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.593 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU046036.D
 Acq: 01 Dec 2021 11:45

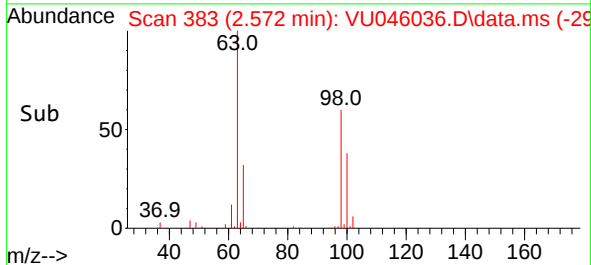
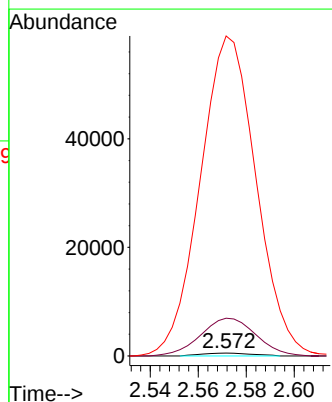
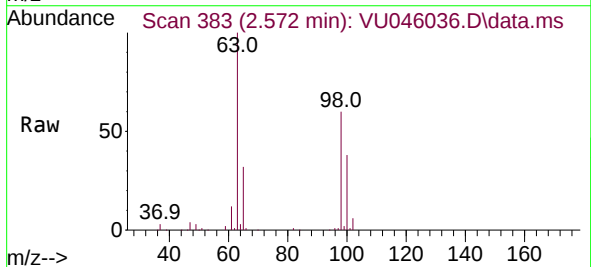
Instrument :
 MSVOA_U
 ClientSampleId :

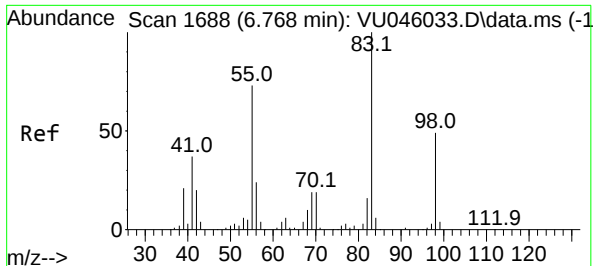
Tgt Ion:101 Resp: 820
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.601 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU046036.D
 Acq: 01 Dec 2021 11:45

Tgt Ion: 96 Resp: 789
 Ion Ratio Lower Upper
 96 100
 61 1307.0 118.6 220.2#
 63 11079.7 93.0 172.8#





#35

Methylcyclohexane

Concen: 8.068 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046036.D

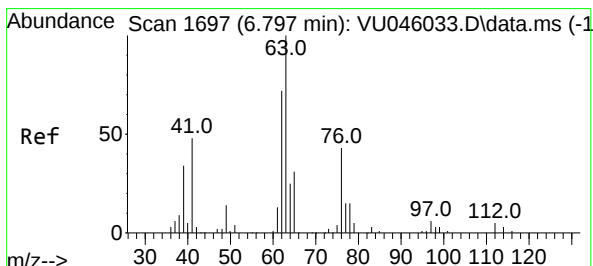
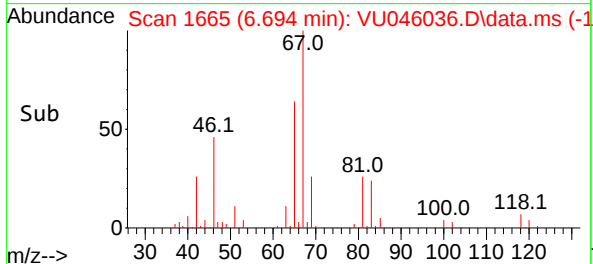
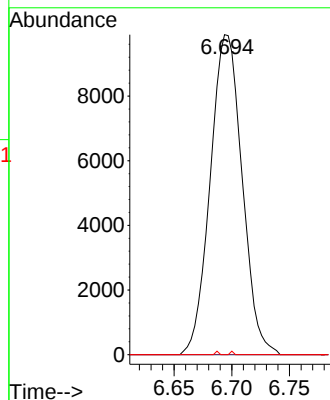
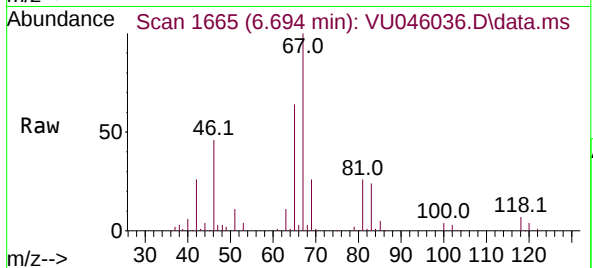
Acq: 01 Dec 2021 11:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 19032
Ion Ratio	Lower Upper
83 100	
55 0.0	57.8 86.6#
98 9.5	38.4 57.6#



#37

1,2-Dichloropropane

Concen: 5.659 ug/L

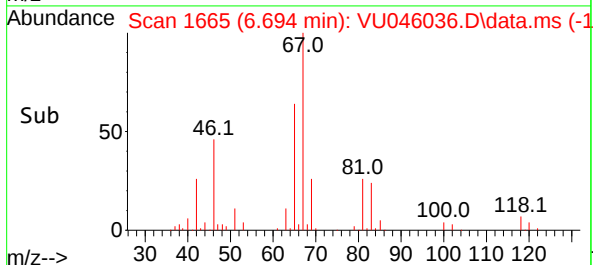
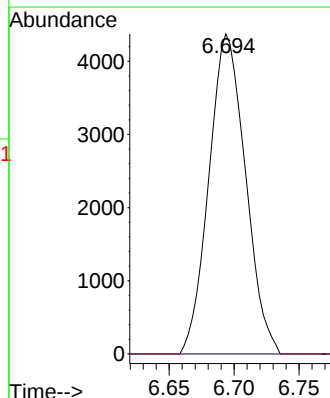
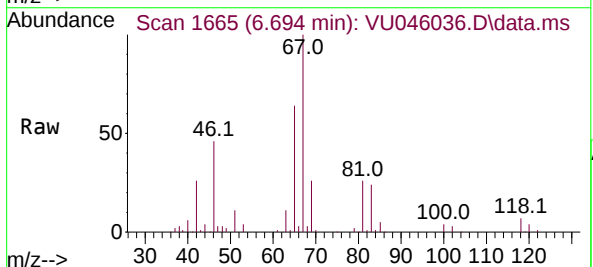
RT: 6.694 min Scan# 1665

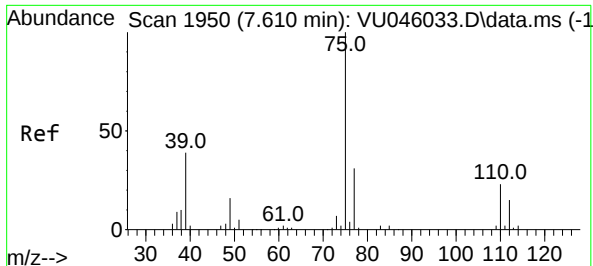
Delta R.T. -0.103 min

Lab File: VU046036.D

Acq: 01 Dec 2021 11:45

Tgt Ion: 63	Resp: 8561
Ion Ratio	Lower Upper
63 100	
112 0.0	3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 1.015 ug/L

RT: 7.571 min Scan# 1950

Delta R.T. -0.039 min

Lab File: VU046036.D

Acq: 01 Dec 2021 11:45

Instrument :

MSVOA_U

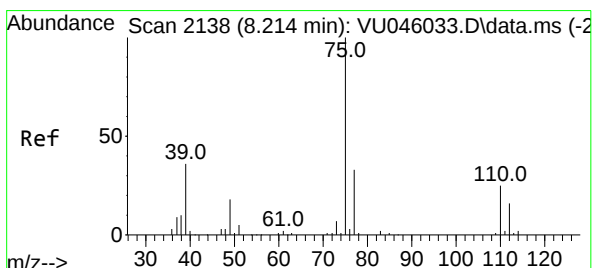
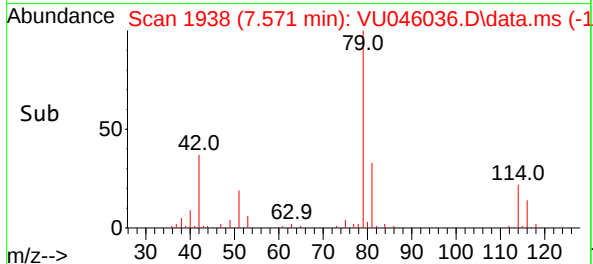
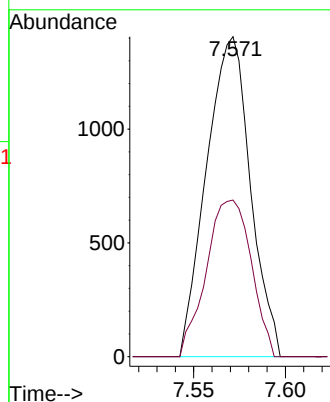
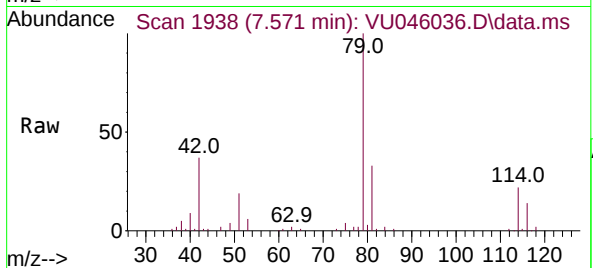
ClientSampleId :

Tgt Ion: 75 Resp: 2337

Ion Ratio Lower Upper

75 100

77 48.9 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.713 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.032 min

Lab File: VU046036.D

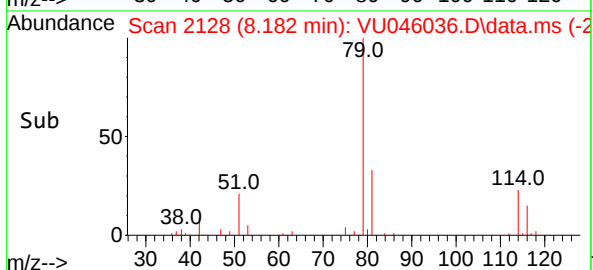
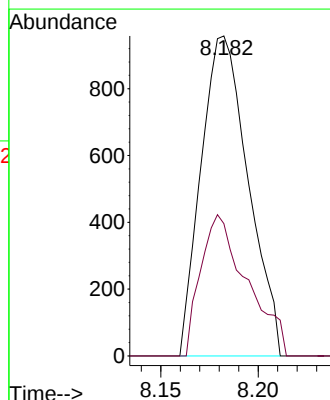
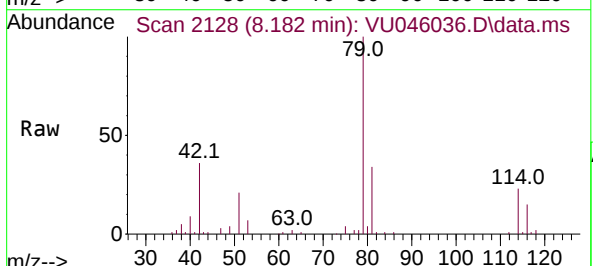
Acq: 01 Dec 2021 11:45

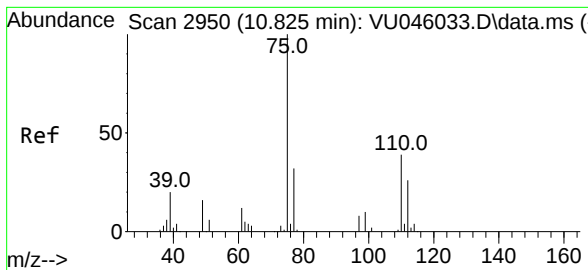
Tgt Ion: 75 Resp: 1612

Ion Ratio Lower Upper

75 100

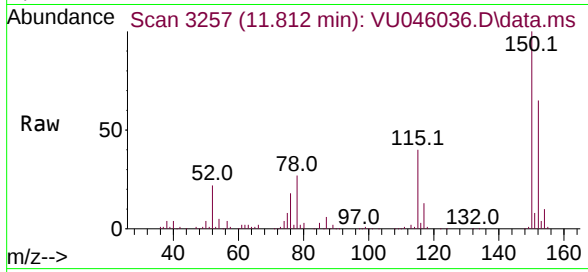
77 41.3 21.7 40.3#





#60
 1,2,3-Trichloropropane
 Concen: 5.647 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046036.D
 Acq: 01 Dec 2021 11:45

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	11191
Ion	Ratio	Lower	Upper
75	100		
77	29.9	26.4	39.6
110	2.4	32.4	48.6#

