

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046252.D
 Acq On : 10 Dec 2021 03:39
 Operator : SY/MD
 Sample : M4982-17
 Misc : 5.6mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 05:26:30 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)

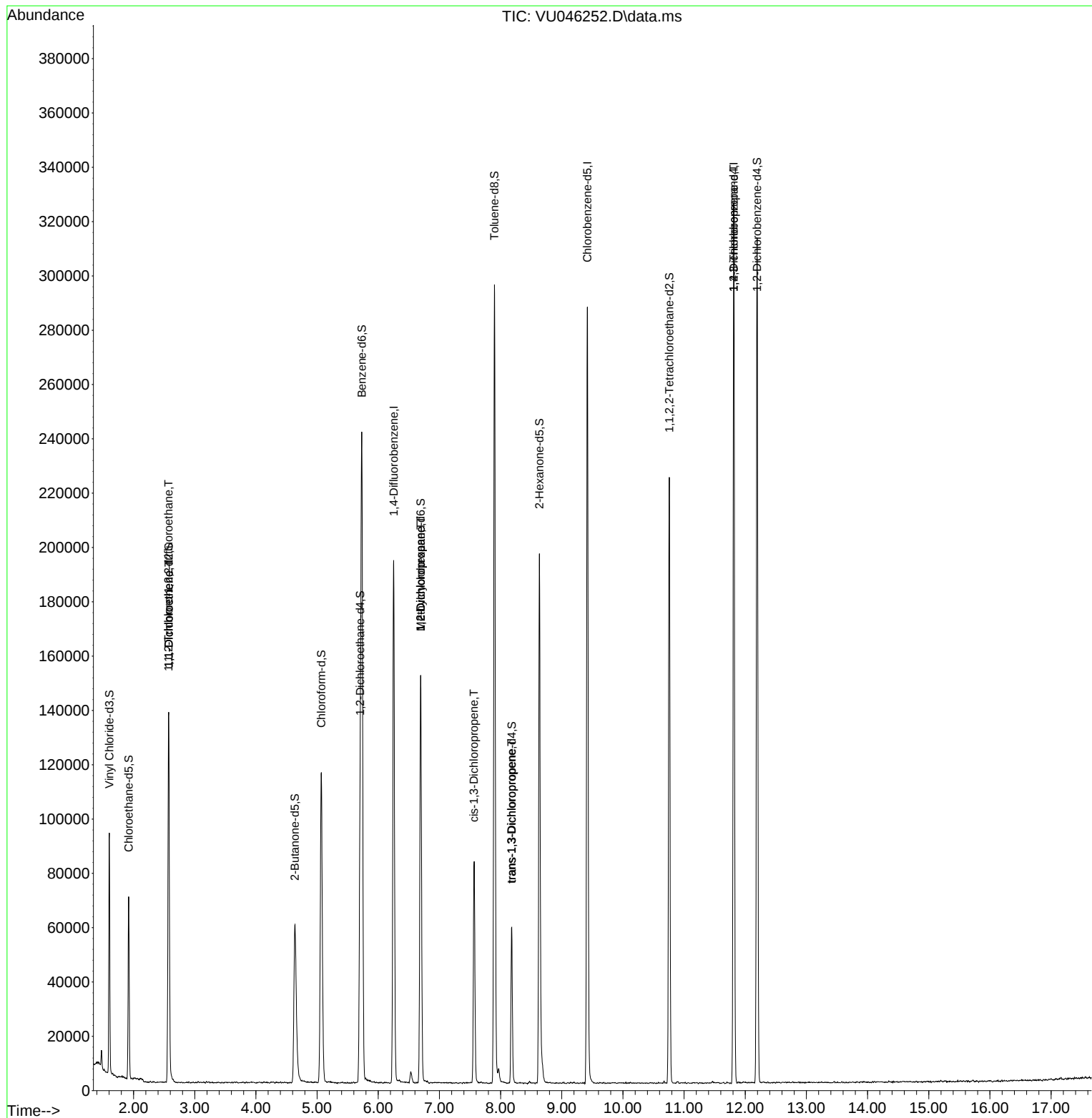
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	156131	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	167095	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	84024	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	62017	48.220	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.440%
7) Chloroethane-d5	1.919	69	48899	49.519	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.040%
11) 1,1-Dichloroethene-d2	2.575	63	80910	35.044	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.080%
21) 2-Butanone-d5	4.636	46	100721	98.513	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.510%
24) Chloroform-d	5.070	84	107890	50.234	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.460%
26) 1,2-Dichloroethane-d4	5.703	65	74106	51.413	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.820%
32) Benzene-d6	5.732	84	225399	47.064	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.120%
36) 1,2-Dichloropropane-d6	6.693	67	71248	48.002	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.000%
41) Toluene-d8	7.899	98	201949	46.312	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.620%
43) trans-1,3-Dichloroprop...	8.182	79	33444	46.677	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.360%
47) 2-Hexanone-d5	8.636	63	70427	100.074	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.070%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	110281	48.993	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.980%
66) 1,2-Dichlorobenzene-d4	12.195	152	81344	50.270	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.540%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	659	0.580	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	572	0.530	ug/L #	1
35) Methylcyclohexane	6.693	83	16901	8.181	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	7799	5.887	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	2057	1.021	ug/L #	66
44) trans-1,3-Dichloropropene	8.179	75	1400	0.707	ug/L #	83
60) 1,2,3-Trichloropropane	11.812	75	9691	5.261	ug/L #	64

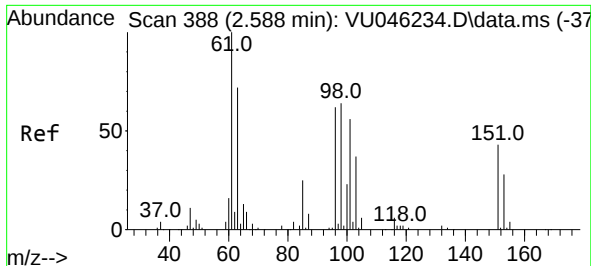
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.580 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.016 min

Lab File: VU046252.D

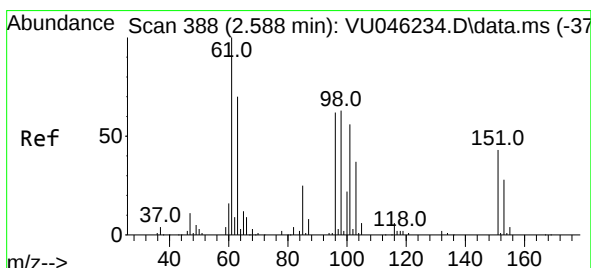
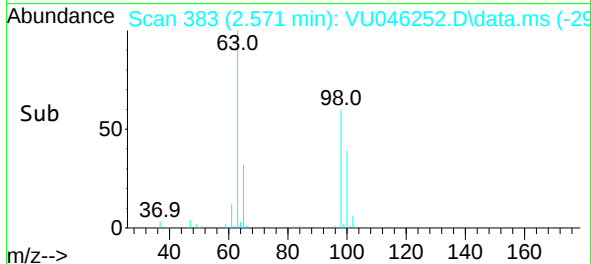
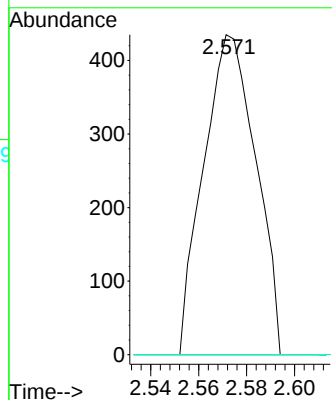
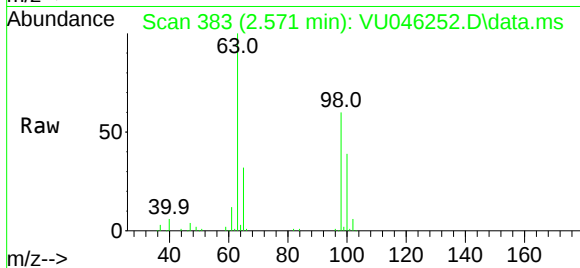
Acq: 10 Dec 2021 03:39

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	659
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: 0.530 ug/L

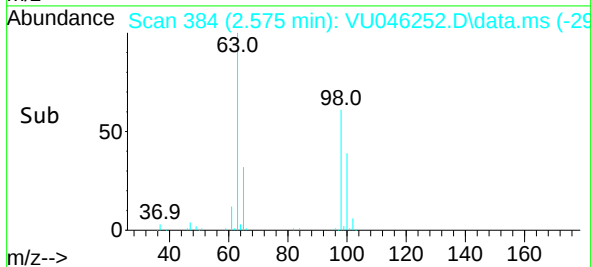
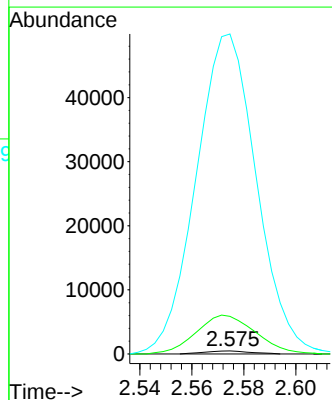
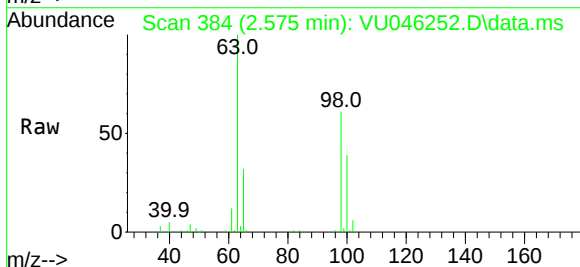
RT: 2.575 min Scan# 384

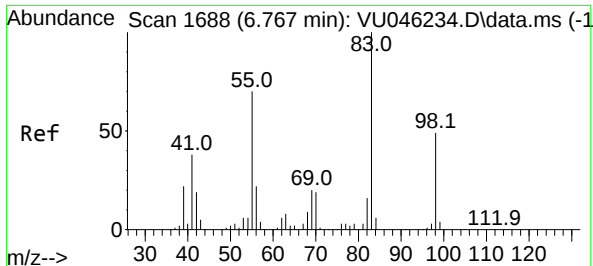
Delta R.T. -0.010 min

Lab File: VU046252.D

Acq: 10 Dec 2021 03:39

Tgt Ion:	96	Resp:	572
Ion	Ratio	Lower	Upper
96	100		
61	1242.4	118.6	220.2#
63	10578.0	93.0	172.8#

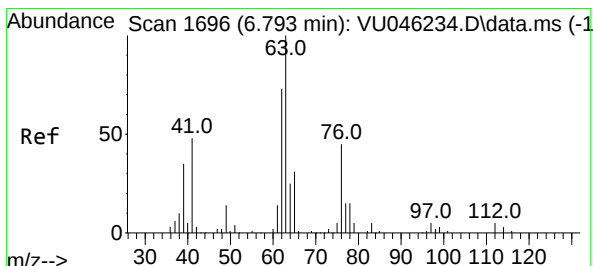
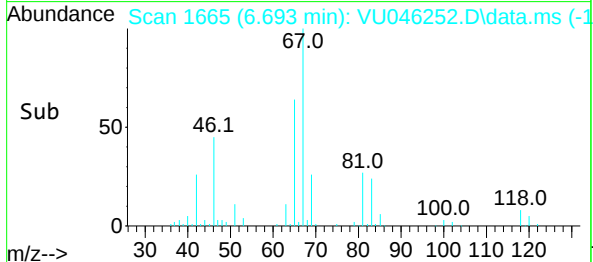
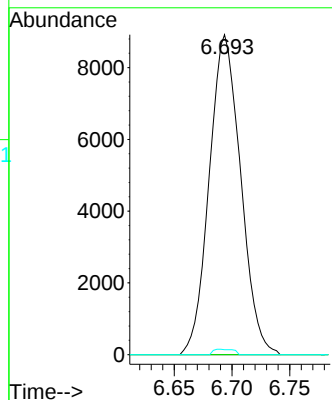
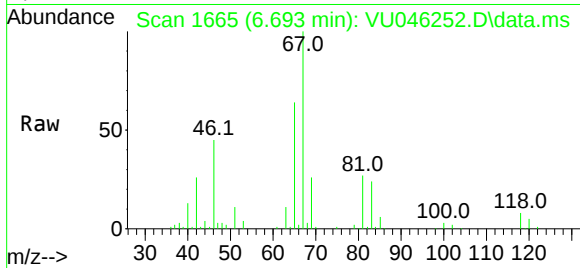




#35
Methylcyclohexane
Concen: 8.181 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046252.D
Acq: 10 Dec 2021 03:39

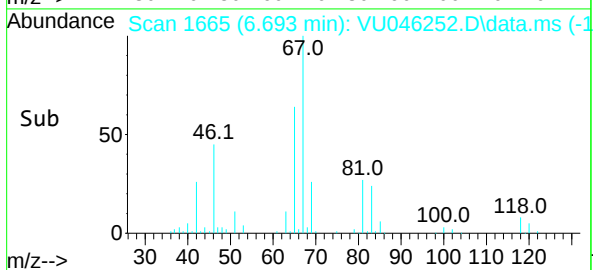
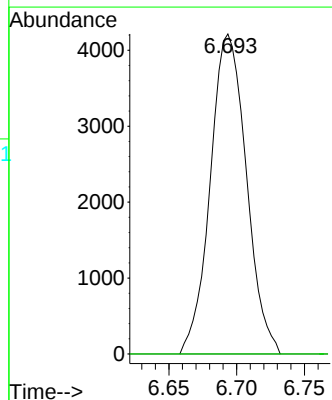
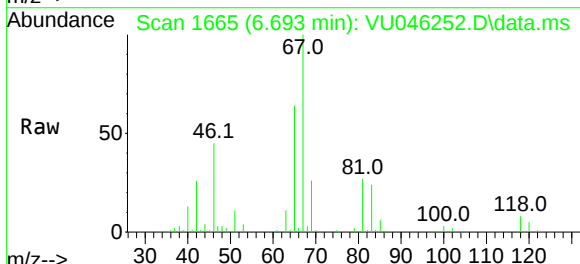
Instrument :
MSVOA_U
ClientSampleId :

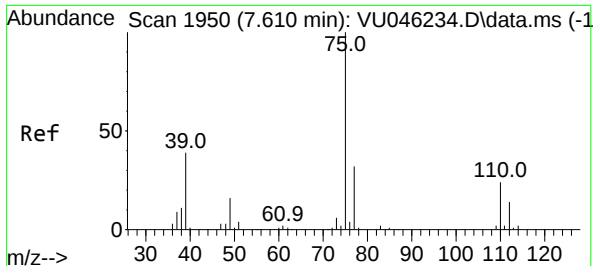
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.6#
98	0.6	38.4	57.6#



#37
1,2-Dichloropropane
Concen: 5.887 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU046252.D
Acq: 10 Dec 2021 03:39

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





#39

cis-1,3-Dichloropropene

Concen: 1.021 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU046252.D

Acq: 10 Dec 2021 03:39

Instrument :

MSVOA_U

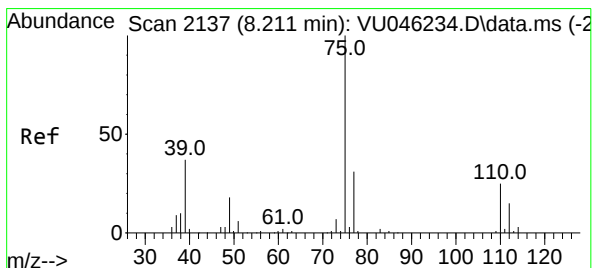
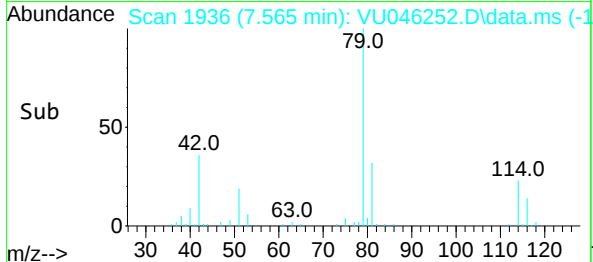
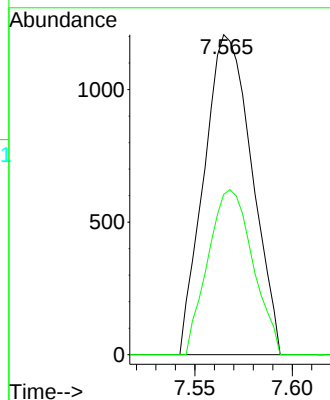
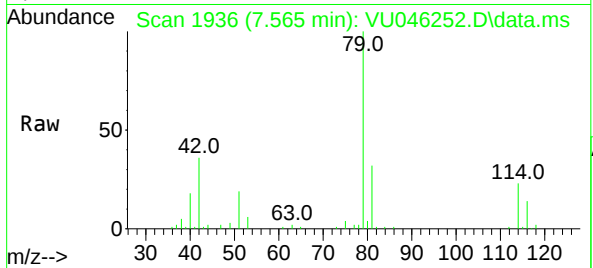
ClientSampleId :

Tgt Ion: 75 Resp: 2057

Ion Ratio Lower Upper

75 100

77 50.1 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.707 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.035 min

Lab File: VU046252.D

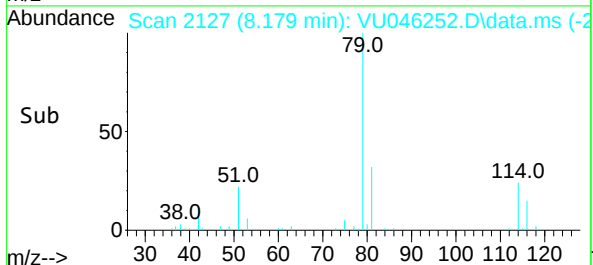
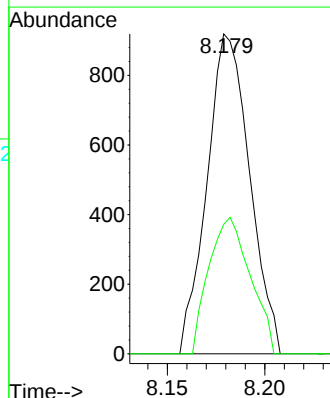
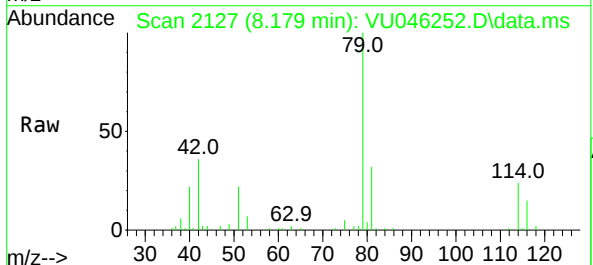
Acq: 10 Dec 2021 03:39

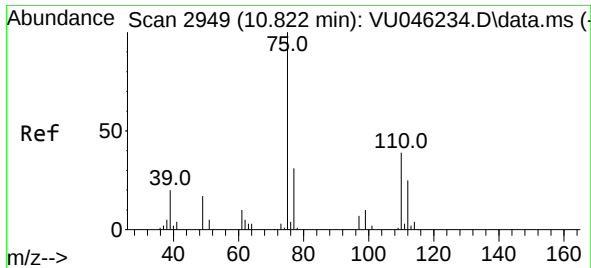
Tgt Ion: 75 Resp: 1400

Ion Ratio Lower Upper

75 100

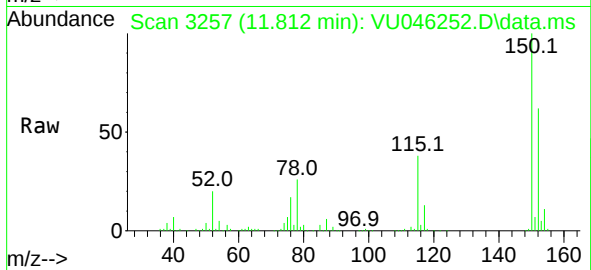
77 40.5 21.7 40.3#





#60
 1,2,3-Trichloropropane
 Concen: 5.261 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046252.D
 Acq: 10 Dec 2021 03:39

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	36.1	26.4	39.6
110	2.1	32.4	48.6#

