

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121421\
 Data File : VU046349.D
 Acq On : 14 Dec 2021 12:43
 Operator : SY/MD
 Sample : M5002-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CY6

Quant Time: Dec 15 01:41:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 15 01:40:37 2021
 Response via : Initial Calibration

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

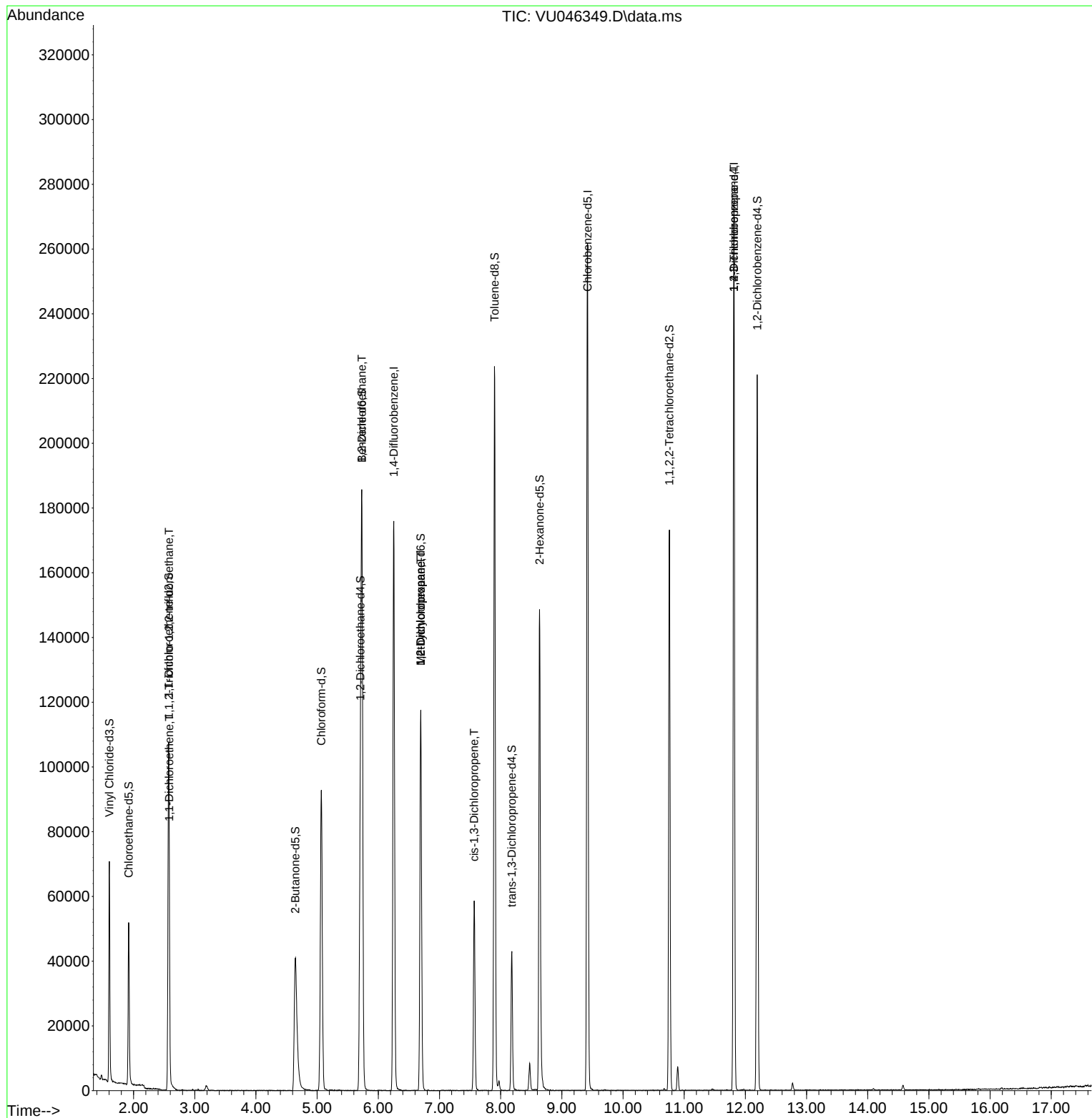
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	141009	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	146968	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	70369	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	49325	42.464	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.920%
7) Chloroethane-d5	1.919	69	38090	42.710	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.420%
11) 1,1-Dichloroethene-d2	2.575	63	65400	31.364	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.720%
21) 2-Butanone-d5	4.646	46	77965	84.434	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.430%
24) Chloroform-d	5.070	84	88595	45.674	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.340%
26) 1,2-Dichloroethane-d4	5.707	65	59242	45.508	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.020%
32) Benzene-d6	5.732	84	172647	40.986	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.980%
36) 1,2-Dichloropropane-d6	6.694	67	55011	42.138	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.280%
41) Toluene-d8	7.899	98	145032	37.815	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.620%#
43) trans-1,3-Dichloroprop...	8.182	79	24480	38.845	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.680%
47) 2-Hexanone-d5	8.636	63	54002	87.244	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.240%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	83101	41.974	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.940%
66) 1,2-Dichlorobenzene-d4	12.195	152	57336	42.309	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.620%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	606	0.591	ug/L #	21
12) 1,1-Dichloroethene	2.585	96	1557	1.597	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	947	0.612	ug/L #	73
35) Methylcyclohexane	6.694	83	13278	7.308	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	6148	5.276	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	1483	0.837	ug/L #	66
60) 1,2,3-Trichloropropane	11.812	75	8810	5.711	ug/L #	64

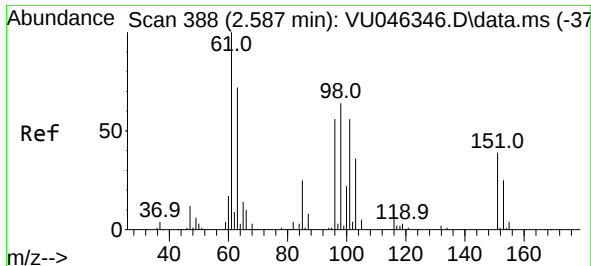
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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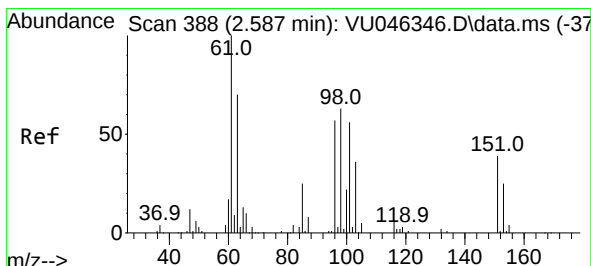
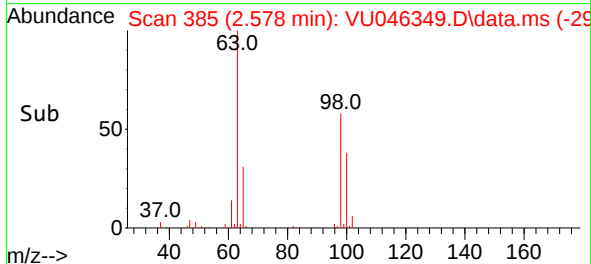
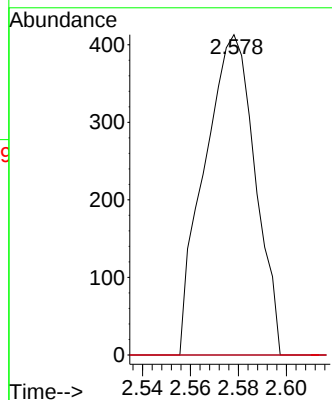
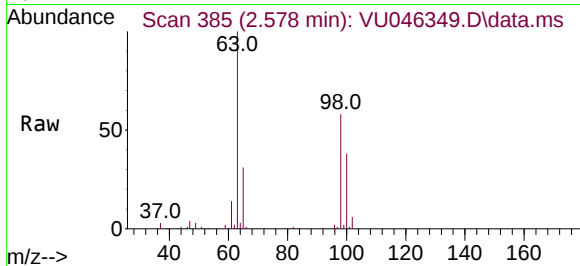




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.591 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.009 min
Lab File: VU046349.D
Acq: 14 Dec 2021 12:43

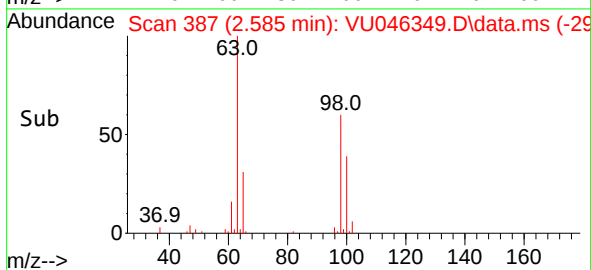
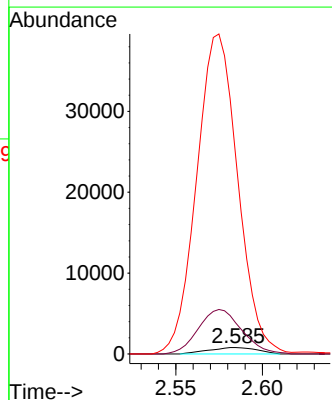
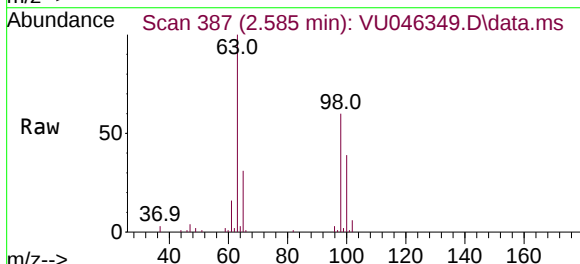
Instrument :
MSVOA_U
ClientSampleId :
C0CY6

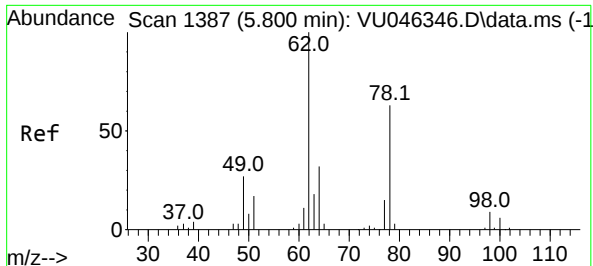
Tgt Ion:101 Resp: 606
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 1.597 ug/L
RT: 2.585 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU046349.D
Acq: 14 Dec 2021 12:43

Tgt Ion: 96 Resp: 1557
Ion Ratio Lower Upper
96 100
61 485.7 118.6 220.2#
63 3091.3 93.0 172.8#





#27

1,2-Dichloroethane

Concen: 0.612 ug/L

RT: 5.732 min Scan# 11

Delta R.T. -0.067 min

Lab File: VU046349.D

Acq: 14 Dec 2021 12:43

Instrument :

MSVOA_U

ClientSampleId :

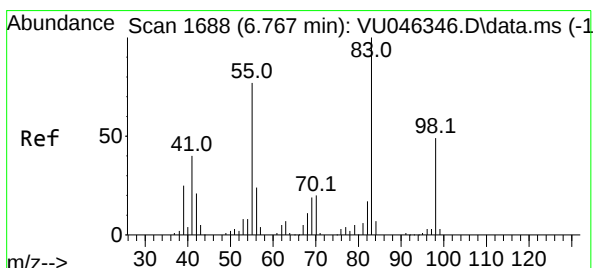
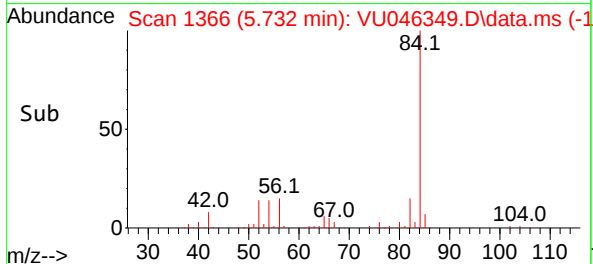
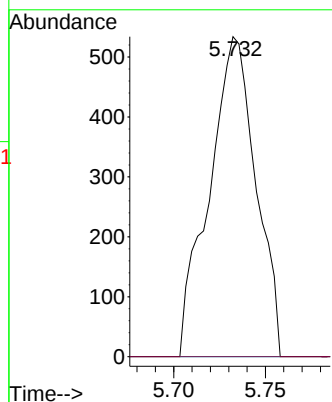
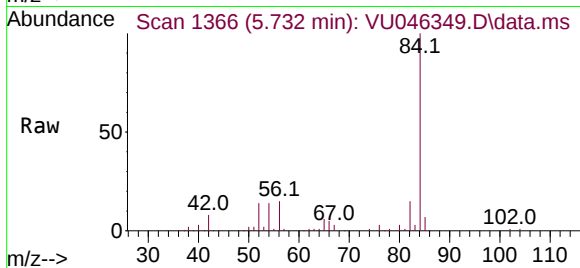
C0CY6

Tgt Ion: 62 Resp: 947

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 7.308 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046349.D

Acq: 14 Dec 2021 12:43

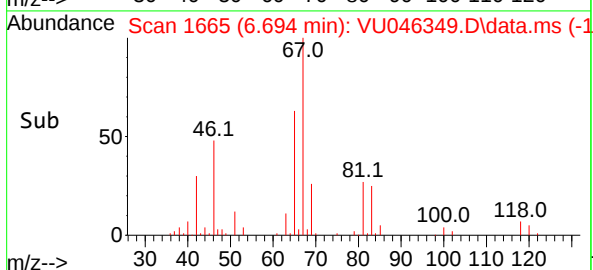
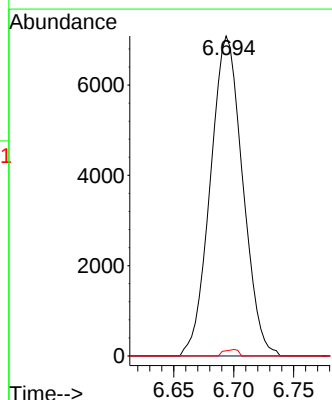
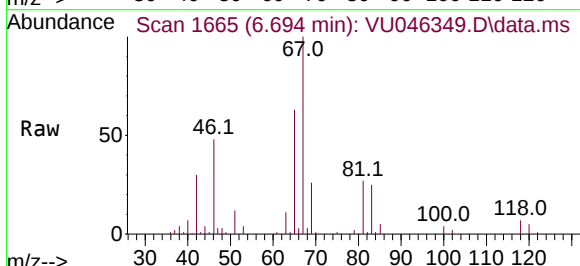
Tgt Ion: 83 Resp: 13278

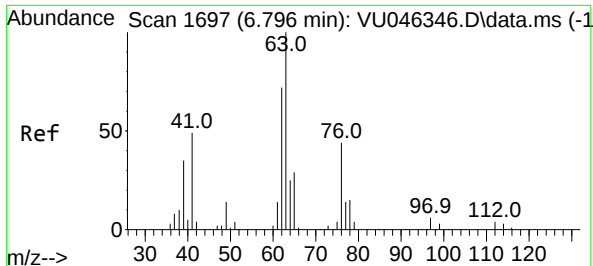
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.9 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.276 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046349.D

Acq: 14 Dec 2021 12:43

Instrument :

MSVOA_U

ClientSampleId :

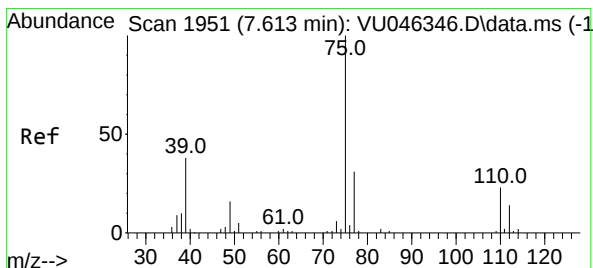
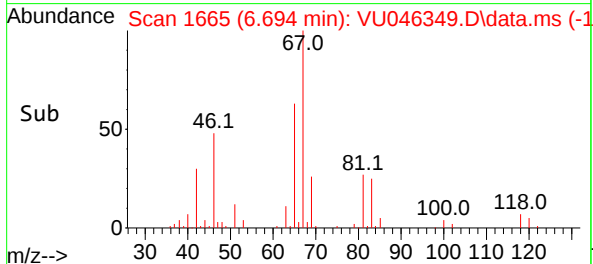
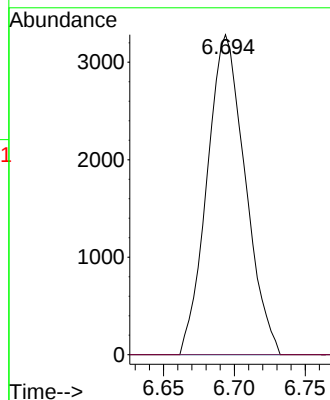
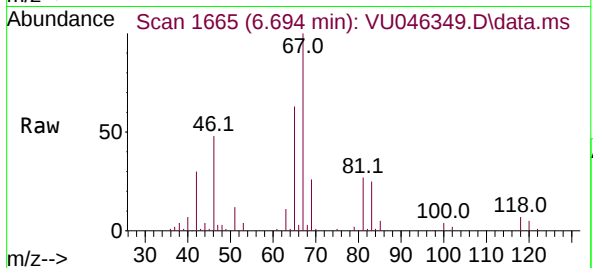
COCY6

Tgt Ion: 63 Resp: 6148

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.837 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.048 min

Lab File: VU046349.D

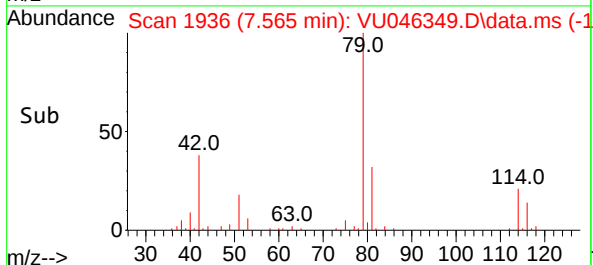
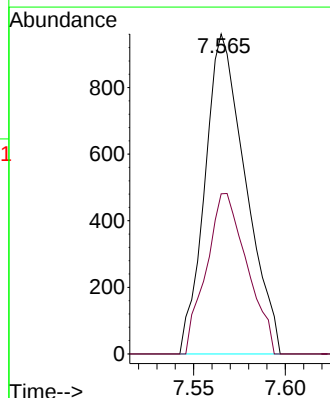
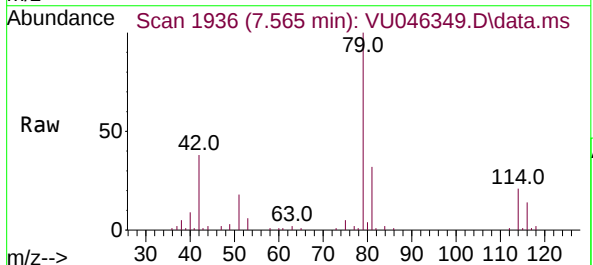
Acq: 14 Dec 2021 12:43

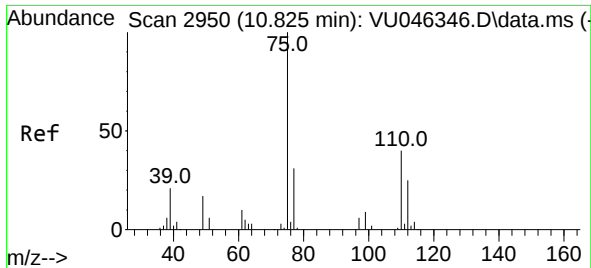
Tgt Ion: 75 Resp: 1483

Ion Ratio Lower Upper

75 100

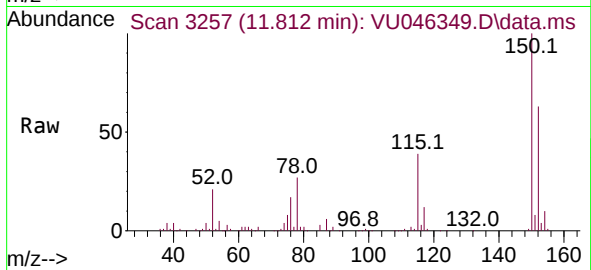
77 50.1 21.8 40.6#





#60
 1,2,3-Trichloropropane
 Concen: 5.711 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046349.D
 Acq: 14 Dec 2021 12:43

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CY6



Tgt Ion: 75 Resp: 8810
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.4 39.6
 110 1.2 32.4 48.6#

