

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121421\
 Data File : VU046372.D
 Acq On : 14 Dec 2021 21:24
 Operator : SY/MD
 Sample : M5002-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CY4

Quant Time: Dec 15 03:45:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 15 03:40:56 2021
 Response via : Initial Calibration

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

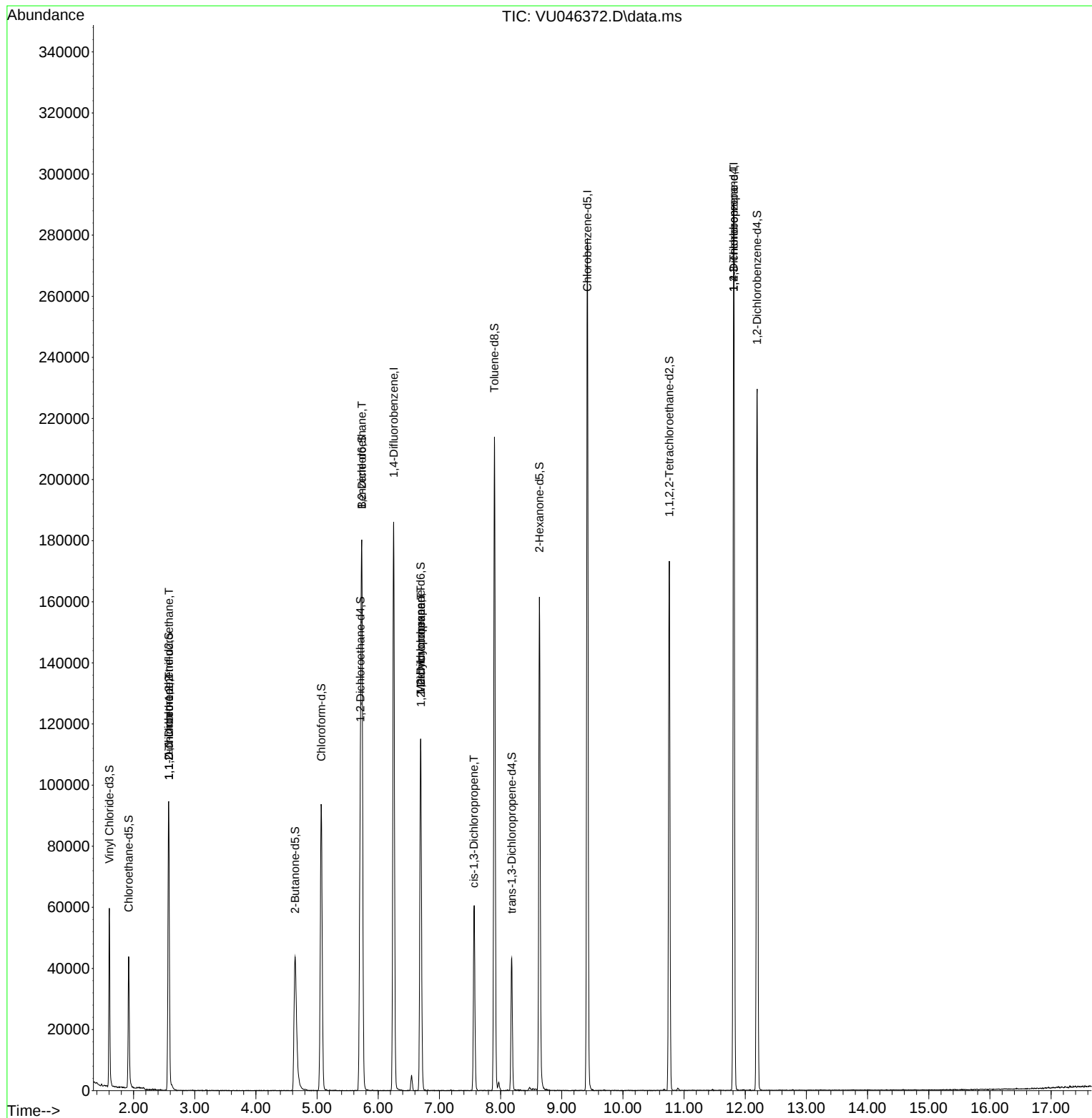
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	149304	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	154619	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	74365	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	43101	35.045	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.080%
7) Chloroethane-d5	1.919	69	34075	36.085	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.160%
11) 1,1-Dichloroethene-d2	2.575	63	57087	25.856	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.720%#
21) 2-Butanone-d5	4.639	46	82541	84.423	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.420%
24) Chloroform-d	5.070	84	88207	42.947	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.900%
26) 1,2-Dichloroethane-d4	5.706	65	59507	43.172	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.340%
32) Benzene-d6	5.732	84	165918	37.439	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.880%
36) 1,2-Dichloropropane-d6	6.693	67	54613	39.763	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.520%
41) Toluene-d8	7.899	98	139679	34.617	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.240%#
43) trans-1,3-Dichloroprop...	8.182	79	25211	38.025	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.060%
47) 2-Hexanone-d5	8.635	63	58592	89.975	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.980%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	84942	40.781	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.560%
66) 1,2-Dichlorobenzene-d4	12.195	152	58424	40.795	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.580%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	520	0.479	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	487	0.472	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	929	0.567	ug/L #	73
35) Methylcyclohexane	6.693	83	13677	7.155	ug/L #	20
37) 1,2-Dichloropropane	6.697	63	5819	4.747	ug/L #	86
39) cis-1,3-Dichloropropene	7.562	75	1496	0.802	ug/L #	60
60) 1,2,3-Trichloropropane	11.812	75	8797	5.396	ug/L #	64

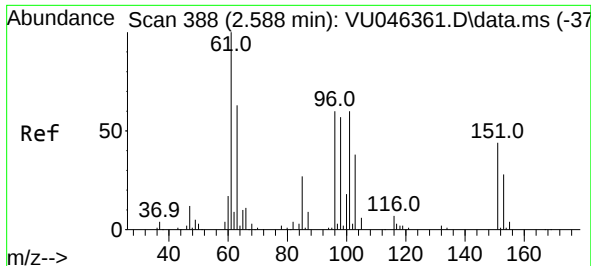
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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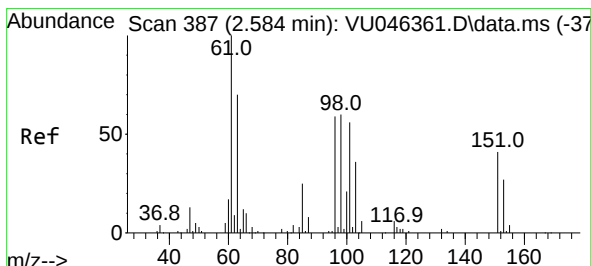
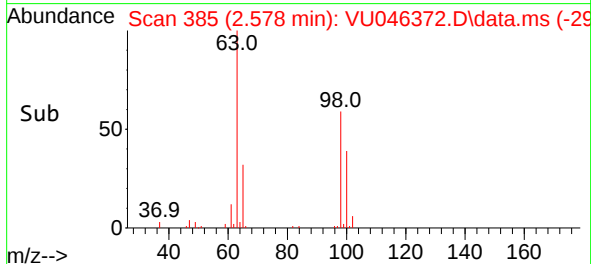
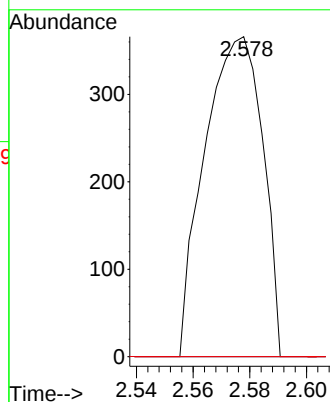
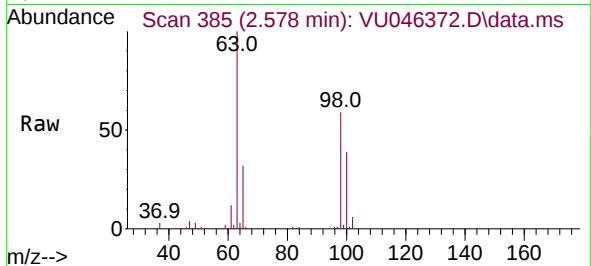




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.479 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU046372.D
Acq: 14 Dec 2021 21:24

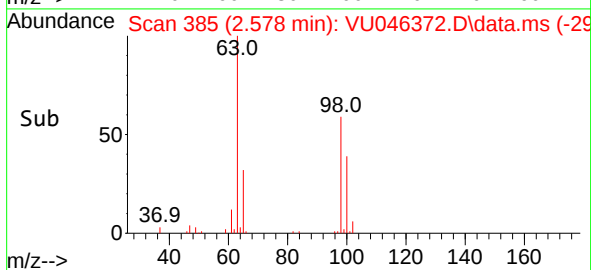
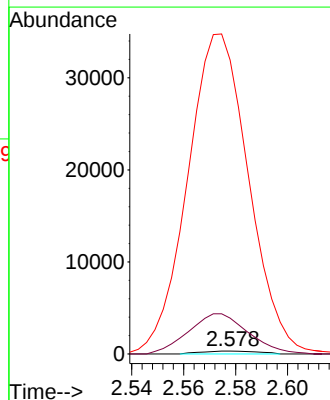
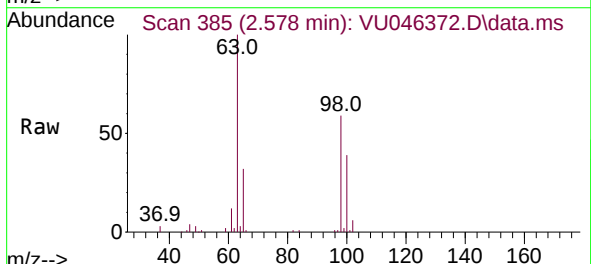
Instrument :
MSVOA_U
ClientSampleId :
C0CY4

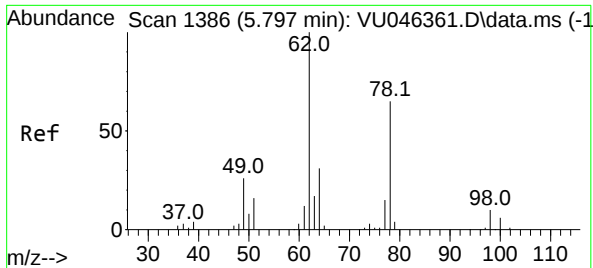
Tgt Ion:101 Resp: 520
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.472 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.007 min
Lab File: VU046372.D
Acq: 14 Dec 2021 21:24

Tgt Ion: 96 Resp: 487
Ion Ratio Lower Upper
96 100
61 1249.0 118.6 220.2#
63 10235.9 93.0 172.8#





#27

1,2-Dichloroethane

Concen: 0.567 ug/L

RT: 5.732 min Scan# 1

Delta R.T. -0.064 min

Lab File: VU046372.D

Acq: 14 Dec 2021 21:24

Instrument :

MSVOA_U

ClientSampleId :

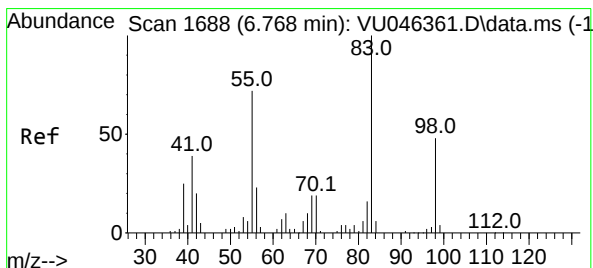
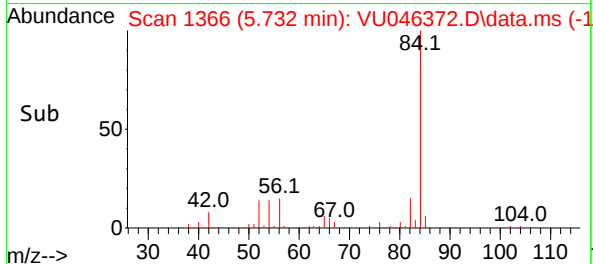
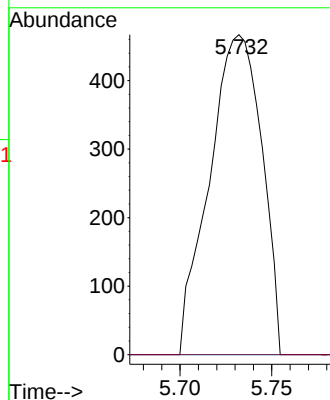
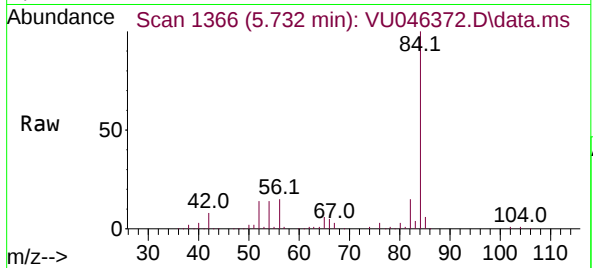
C0CY4

Tgt Ion: 62 Resp: 929

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 7.155 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046372.D

Acq: 14 Dec 2021 21:24

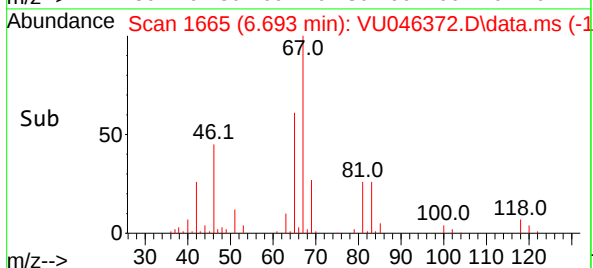
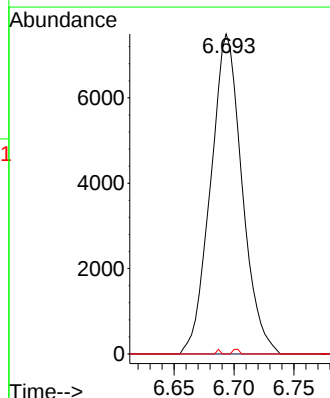
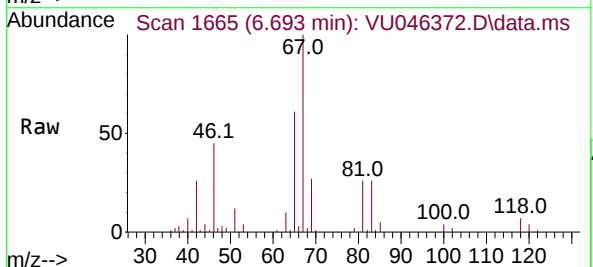
Tgt Ion: 83 Resp: 13677

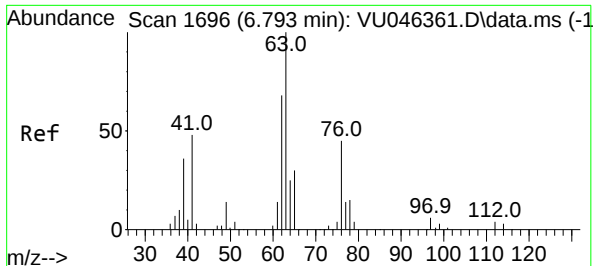
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.3 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 4.747 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU046372.D

Acq: 14 Dec 2021 21:24

Instrument :

MSVOA_U

ClientSampleId :

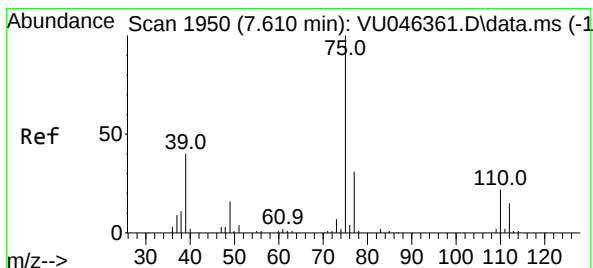
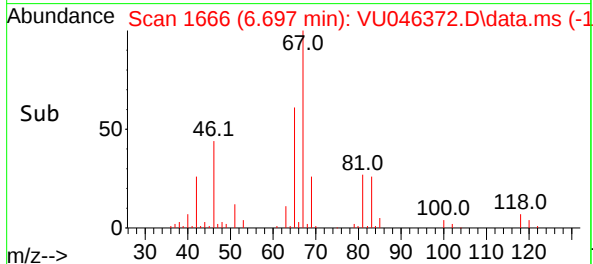
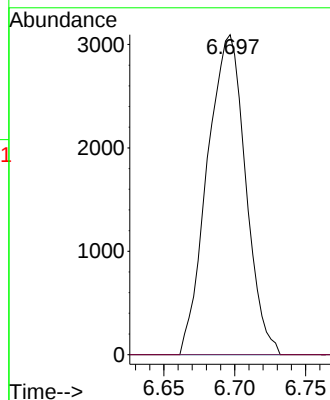
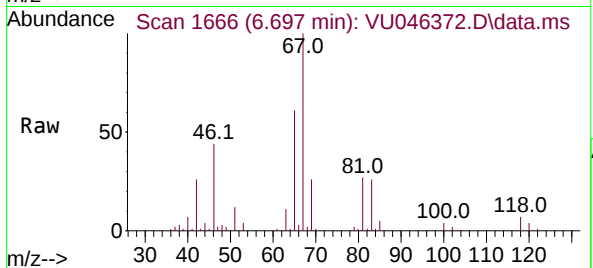
COCY4

Tgt Ion: 63 Resp: 5819

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.802 ug/L

RT: 7.562 min Scan# 1935

Delta R.T. -0.048 min

Lab File: VU046372.D

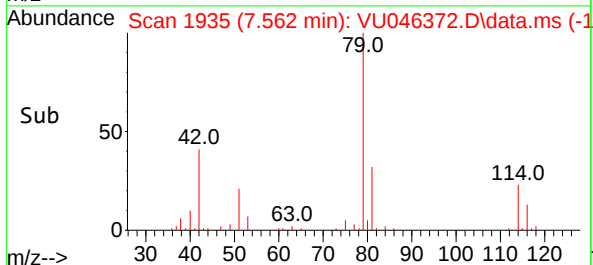
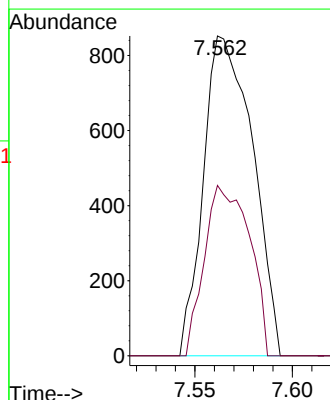
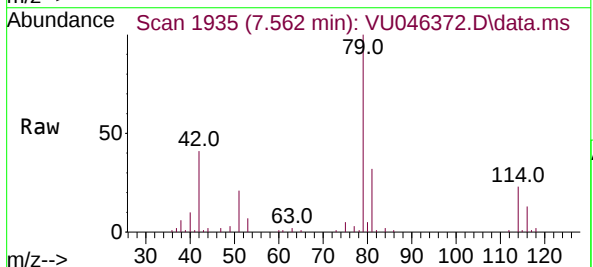
Acq: 14 Dec 2021 21:24

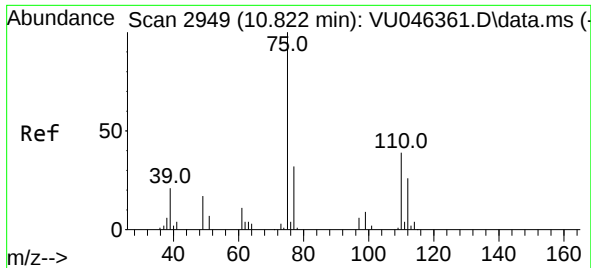
Tgt Ion: 75 Resp: 1496

Ion Ratio Lower Upper

75 100

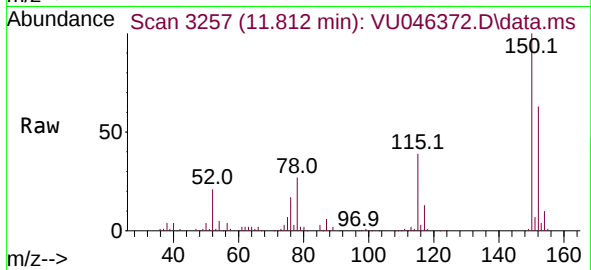
77 53.3 21.8 40.6#





#60
 1,2,3-Trichloropropane
 Concen: 5.396 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU046372.D
 Acq: 14 Dec 2021 21:24

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CY4



Tgt Ion:	75	Resp:	8797
Ion	Ratio	Lower	Upper
75	100		
77	35.6	26.4	39.6
110	2.0	32.4	48.6#

