

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121421\
 Data File : VU046350.D
 Acq On : 14 Dec 2021 13:05
 Operator : SY/MD
 Sample : M5002-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

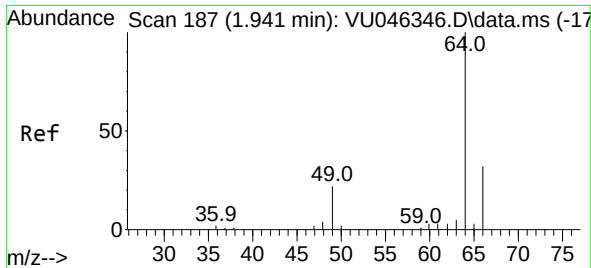
Instrument :
 MSVOA_U
 ClientSampleId :
 C0CY7

Quant Time: Dec 15 01:42:02 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	141187	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	147423	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	71913	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	49977	42.972	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.940%
7) Chloroethane-d5	1.919	69	38152	42.725	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.460%
11) 1,1-Dichloroethene-d2	2.575	63	68449	32.785	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.560%
21) 2-Butanone-d5	4.645	46	77520	83.846	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.850%
24) Chloroform-d	5.067	84	90140	46.411	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.820%
26) 1,2-Dichloroethane-d4	5.706	65	60555	46.458	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.920%
32) Benzene-d6	5.732	84	175143	41.450	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.900%
36) 1,2-Dichloropropane-d6	6.694	67	56328	43.014	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.020%
41) Toluene-d8	7.899	98	147373	38.306	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.620%#
43) trans-1,3-Dichloroprop...	8.182	79	25341	40.087	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.180%
47) 2-Hexanone-d5	8.636	63	57993	93.402	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.400%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	84266	42.431	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.860%
66) 1,2-Dichlorobenzene-d4	12.195	152	57905	41.811	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.620%
Target Compounds						
					Qvalue	
8) Chloroethane	1.613	64	8642	10.774	ug/L #	67
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	616	0.600	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	4672	4.786	ug/L #	1
20) cis-1,2-Dichloroethene	4.671	96	4020	3.586	ug/L	87
30) 1,1,1-Trichloroethane	5.321	97	1919	1.060	ug/L	92
34) Trichloroethene	6.546	95	68280	58.088	ug/L	98
35) Methylcyclohexane	6.697	83	13578	7.450	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	6622	5.665	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1491	0.839	ug/L #	61
60) 1,2,3-Trichloropropane	11.812	75	8834	5.604	ug/L #	66

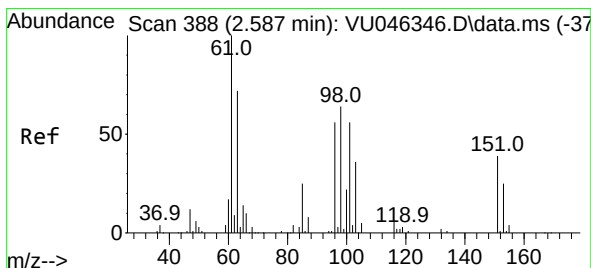
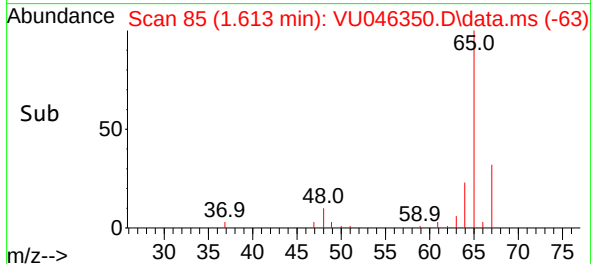
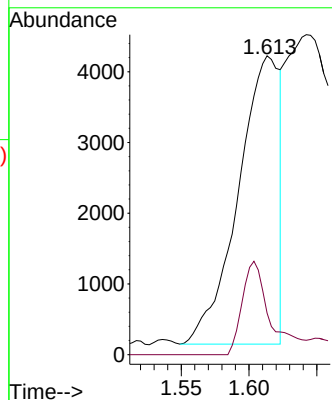
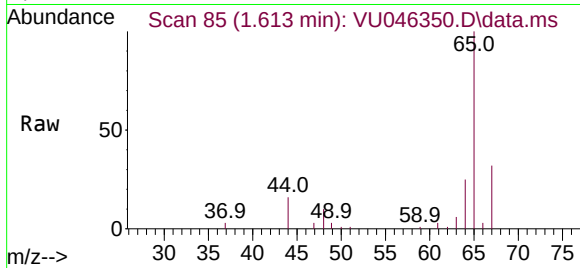
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#8
Chloroethane
Concen: 10.774 ug/L
RT: 1.613 min Scan# 81
Delta R.T. -0.328 min
Lab File: VU046350.D
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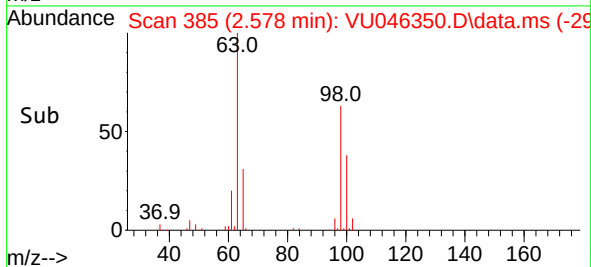
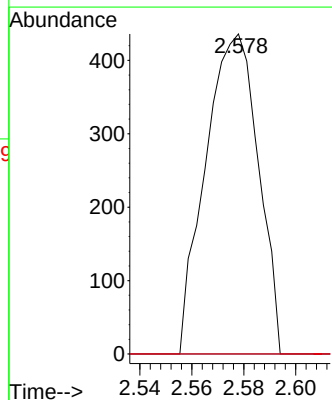
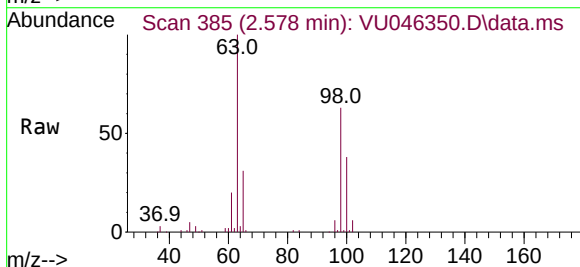
Instrument :
MSVOA_U
ClientSampleId :
C0CY7

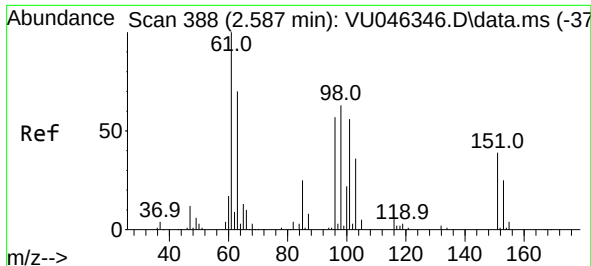
Tgt Ion: 64 Resp: 8642
Ion Ratio Lower Upper
64 100
66 13.9 22.5 41.9#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.600 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU046350.D
Acq: 14 Dec 2021 13:05

Tgt Ion:101 Resp: 616
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#

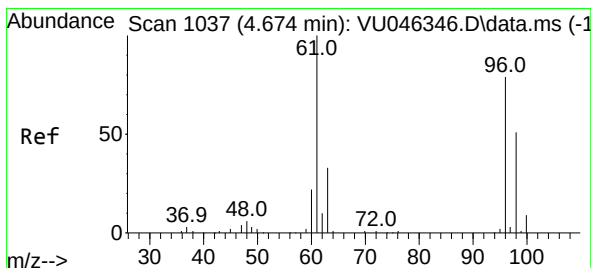
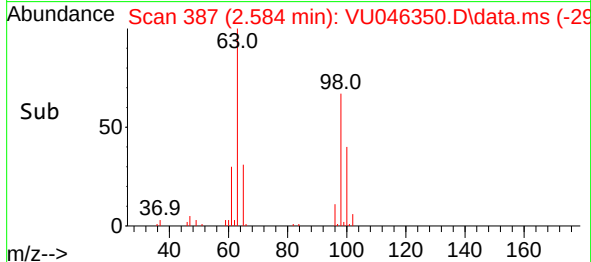
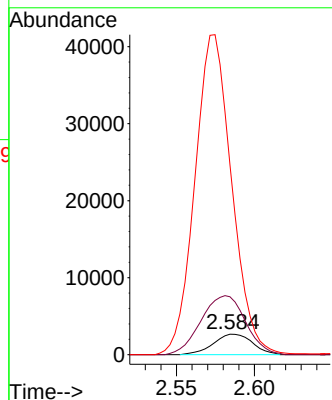
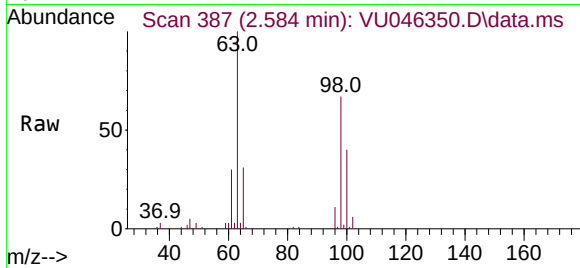




#12
1,1-Dichloroethene
Concen: 4.786 ug/L
RT: 2.584 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU046350.D
Acq: 14 Dec 2021 13:05

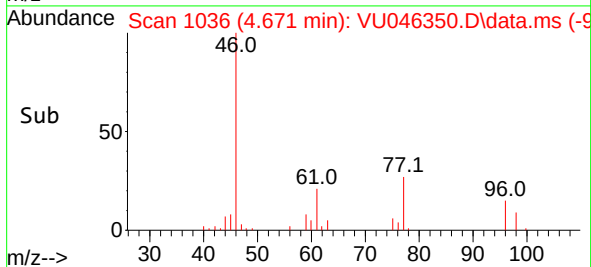
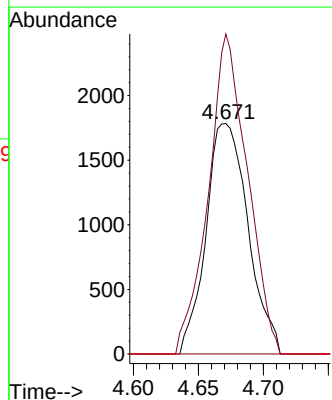
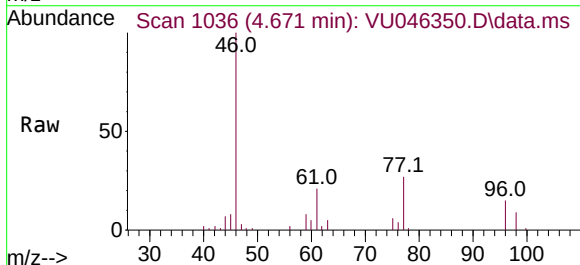
Instrument :
MSVOA_U
ClientSampleId :
C0CY7

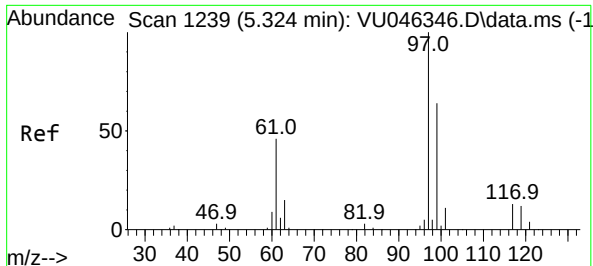
Tgt Ion: 96 Resp: 4672
Ion Ratio Lower Upper
96 100
61 283.3 118.6 220.2#
63 928.9 93.0 172.8#



#20
cis-1,2-Dichloroethene
Concen: 3.586 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU046350.D
Acq: 14 Dec 2021 13:05

Tgt Ion: 96 Resp: 4020
Ion Ratio Lower Upper
96 100
61 138.8 86.8 161.2
68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 1.060 ug/L

RT: 5.321 min Scan# 1239

Delta R.T. -0.003 min

Lab File: VU046350.D

Acq: 14 Dec 2021 13:05

Instrument :

MSVOA_U

ClientSampleId :

C0CY7

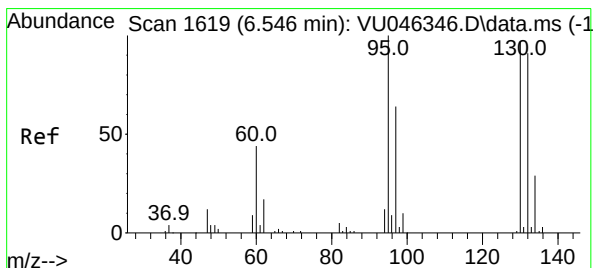
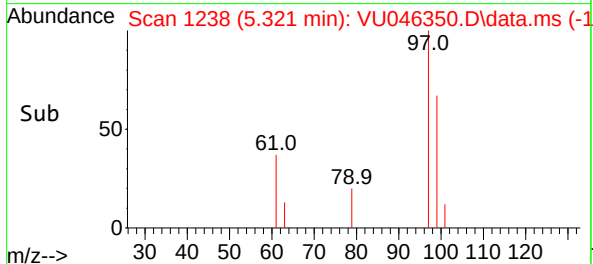
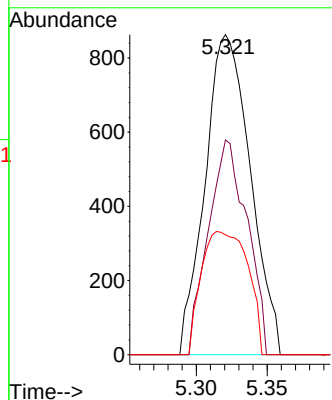
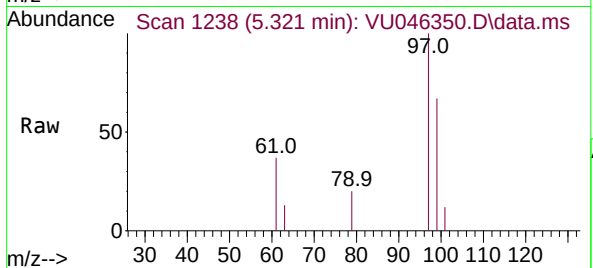
Tgt Ion: 97 Resp: 1919

Ion Ratio Lower Upper

97 100

99 57.3 51.8 77.6

61 39.4 34.4 51.6



#34

Trichloroethene

Concen: 58.088 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU046350.D

Acq: 14 Dec 2021 13:05

Tgt Ion: 95 Resp: 68280

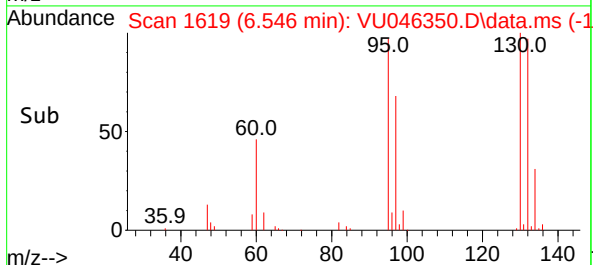
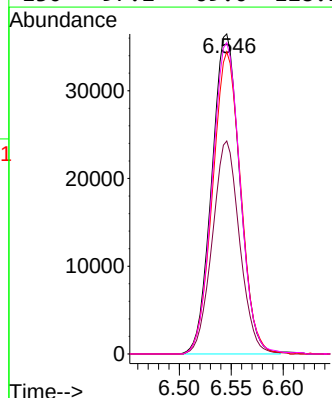
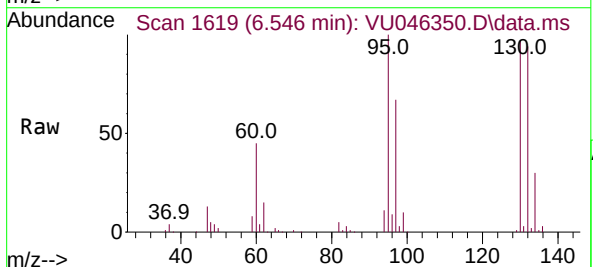
Ion Ratio Lower Upper

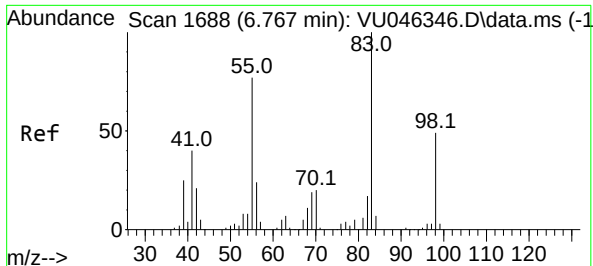
95 100

97 66.5 44.1 81.9

132 94.5 66.8 124.0

130 97.2 69.0 128.1





#35

Methylcyclohexane

Concen: 7.450 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU046350.D

Acq: 14 Dec 2021 13:05

Instrument :

MSVOA_U

ClientSampleId :

C0CY7

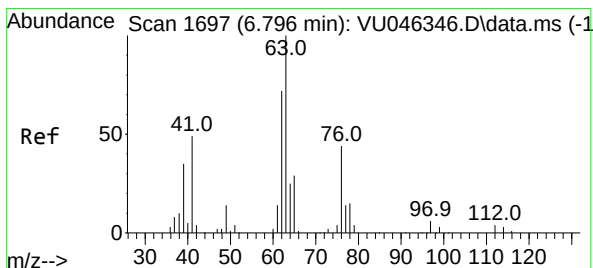
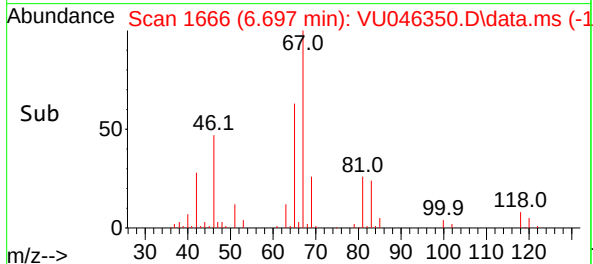
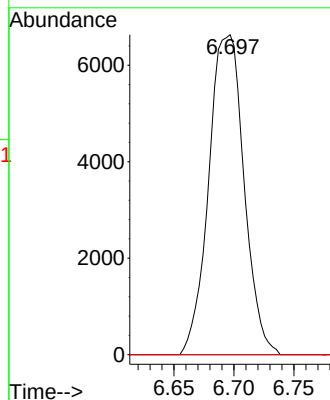
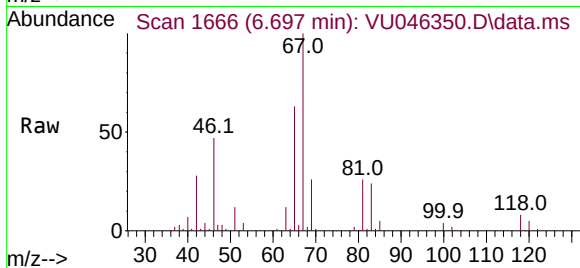
Tgt Ion: 83 Resp: 13578

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: 5.665 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.103 min

Lab File: VU046350.D

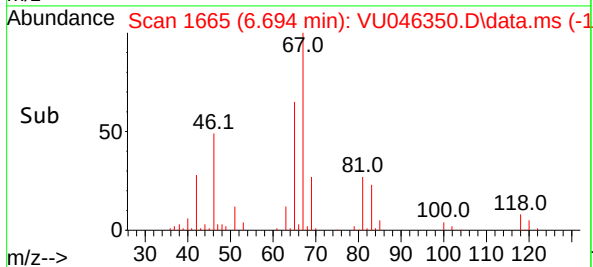
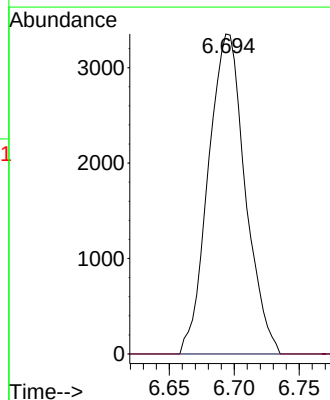
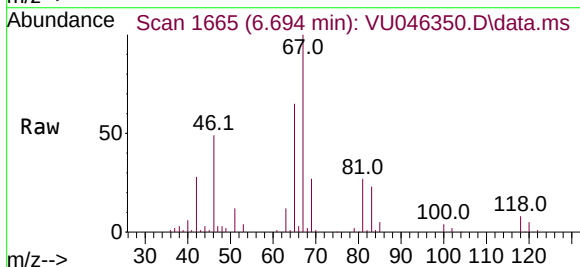
Acq: 14 Dec 2021 13:05

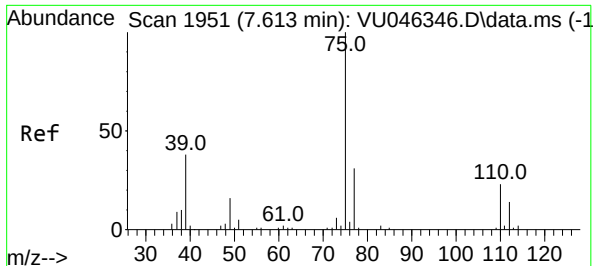
Tgt Ion: 63 Resp: 6622

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.839 ug/L

RT: 7.568 min Scan# 1491

Delta R.T. -0.045 min

Lab File: VU046350.D

Acq: 14 Dec 2021 13:05

Instrument :

MSVOA_U

ClientSampleId :

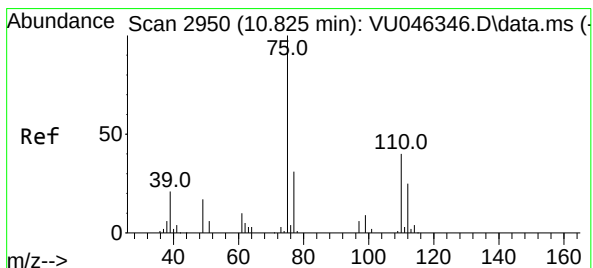
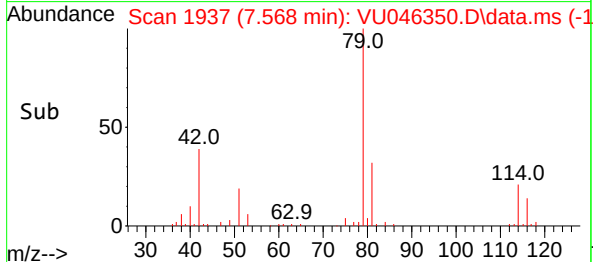
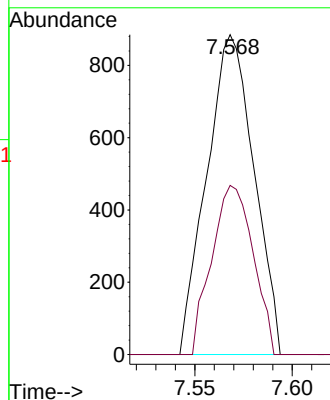
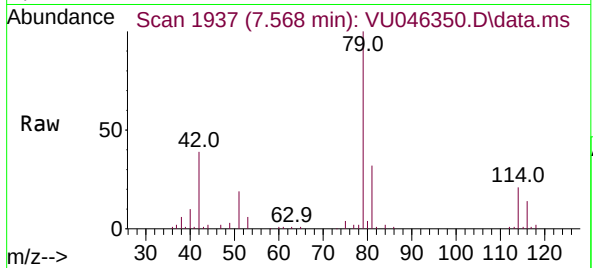
C0CY7

Tgt Ion: 75 Resp: 1491

Ion Ratio Lower Upper

75 100

77 52.9 21.8 40.6#



#60

1,2,3-Trichloropropane

Concen: 5.604 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046350.D

Acq: 14 Dec 2021 13:05

Tgt Ion: 75 Resp: 8834

Ion Ratio Lower Upper

75 100

77 32.1 26.4 39.6

110 3.4 32.4 48.6#

