

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121921\
 Data File : VU046495.D
 Acq On : 19 Dec 2021 15:23
 Operator : SY/MD
 Sample : M5037-23
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 00:28:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 20 00:25:10 2021
 Response via : Initial Calibration

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

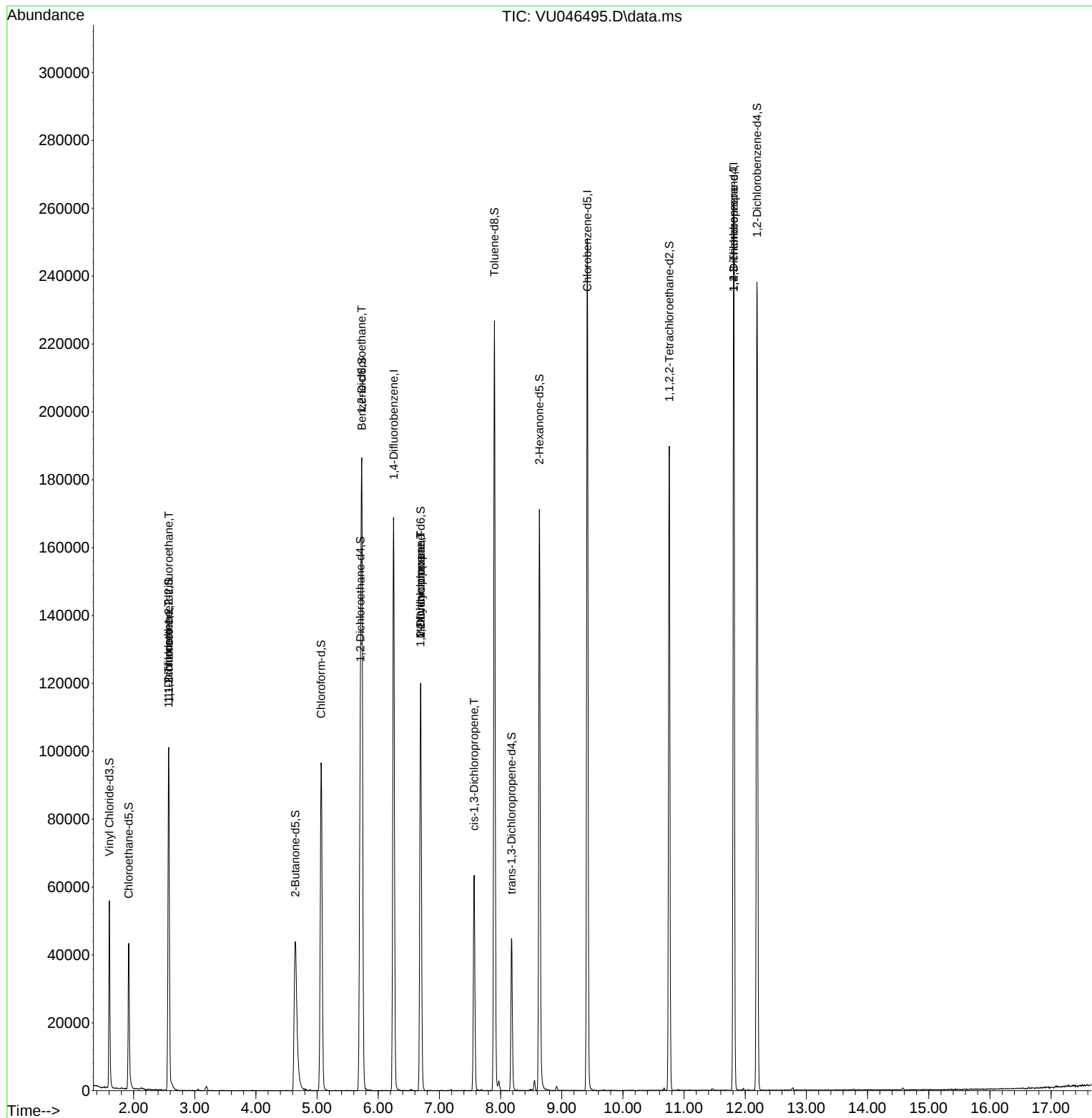
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	135893	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	137977	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	67587	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	42161	37.663	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.320%		
7) Chloroethane-d5	1.919	69	35982	41.865	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.720%		
11) 1,1-Dichloroethene-d2	2.575	63	60254	29.984	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.960%#		
21) 2-Butanone-d5	4.646	46	87406	98.222	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.220%		
24) Chloroform-d	5.067	84	92448	49.454	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.900%		
26) 1,2-Dichloroethane-d4	5.707	65	62277	49.641	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.280%		
32) Benzene-d6	5.732	84	173597	43.897	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.800%		
36) 1,2-Dichloropropane-d6	6.694	67	55826	45.549	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.100%		
41) Toluene-d8	7.899	98	148559	41.258	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.520%		
43) trans-1,3-Dichloroprop...	8.179	79	26583	44.931	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.860%		
47) 2-Hexanone-d5	8.636	63	62686	107.873	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.870%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	89465	48.133	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.260%		
66) 1,2-Dichlorobenzene-d4	12.192	152	61627	47.347	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.700%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	517	0.523	ug/L #	21
12) 1,1-Dichloroethene	2.572	96	404	0.430	ug/L #	1
27) 1,2-Dichloroethane	5.729	62	989	0.663	ug/L #	73
35) Methylcyclohexane	6.694	83	13739	8.054	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	6196	5.664	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1437	0.863	ug/L #	41
60) 1,2,3-Trichloropropane	11.812	75	8223	5.550	ug/L #	66

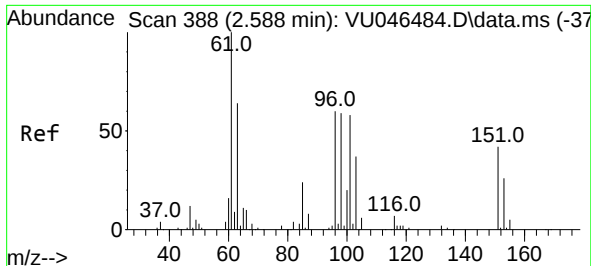
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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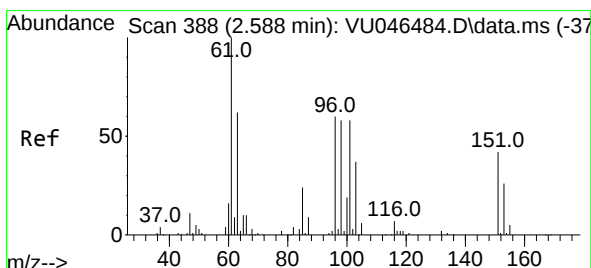
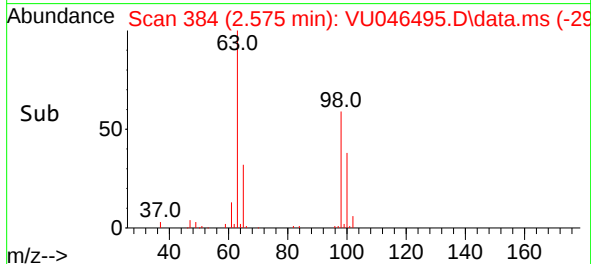
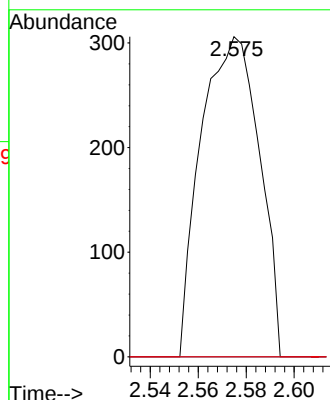
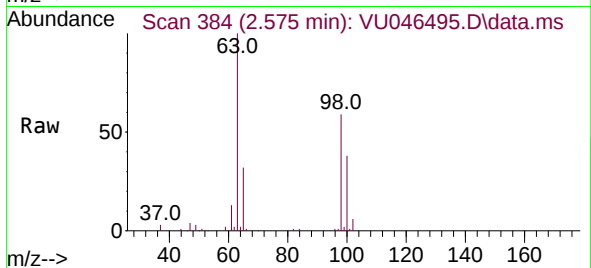




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.523 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU046495.D
Acq: 19 Dec 2021 15:23

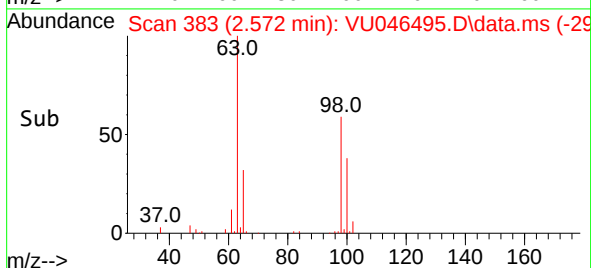
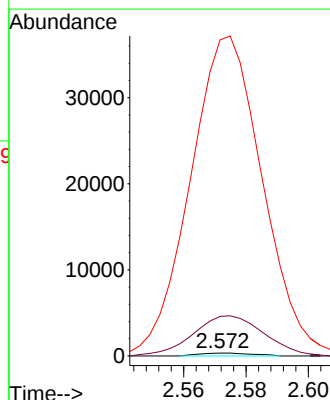
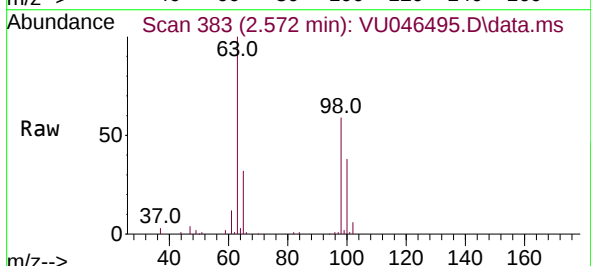
Instrument :
MSVOA_U
ClientSampleId :

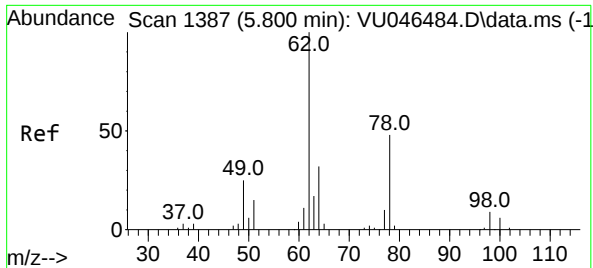
Tgt Ion:101 Resp: 517
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.430 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046495.D
Acq: 19 Dec 2021 15:23

Tgt Ion: 96 Resp: 404
Ion Ratio Lower Upper
96 100
61 1341.2 118.6 220.2#
63 10736.8 93.0 172.8#

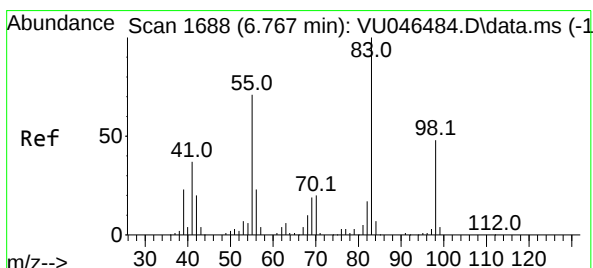
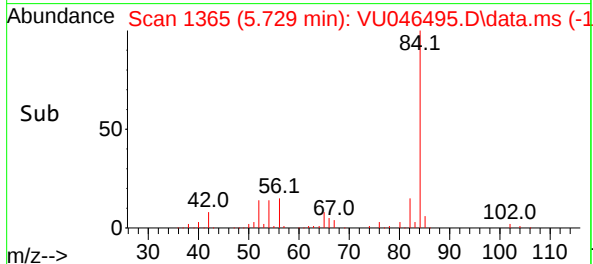
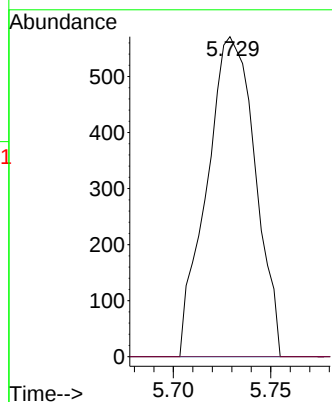
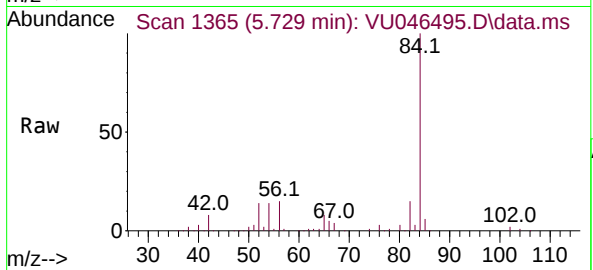




#27
1,2-Dichloroethane
Concen: 0.663 ug/L
RT: 5.729 min Scan# 11
Delta R.T. -0.071 min
Lab File: VU046495.D
Acq: 19 Dec 2021 15:23

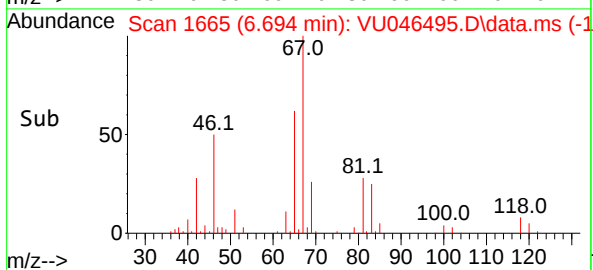
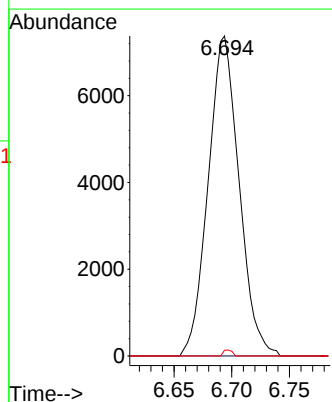
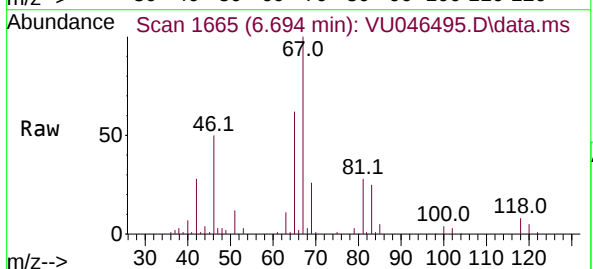
Instrument :
MSVOA_U
ClientSampleId :

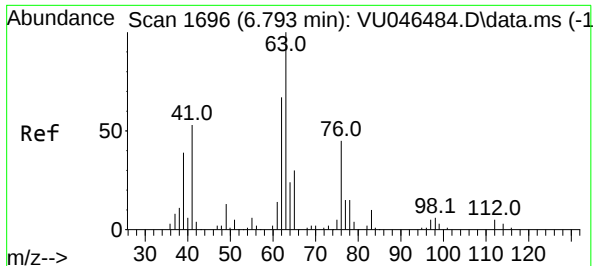
Tgt Ion: 62 Resp: 989
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#



#35
Methylcyclohexane
Concen: 8.054 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046495.D
Acq: 19 Dec 2021 15:23

Tgt Ion: 83 Resp: 13739
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.6#
98 0.5 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.664 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046495.D

Acq: 19 Dec 2021 15:23

Instrument :

MSVOA_U

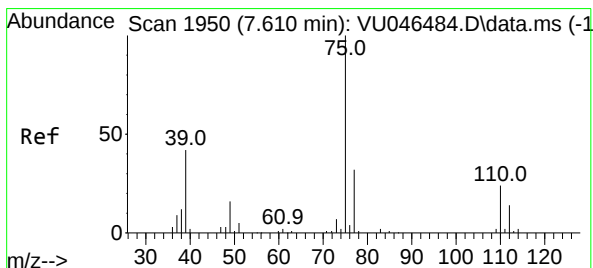
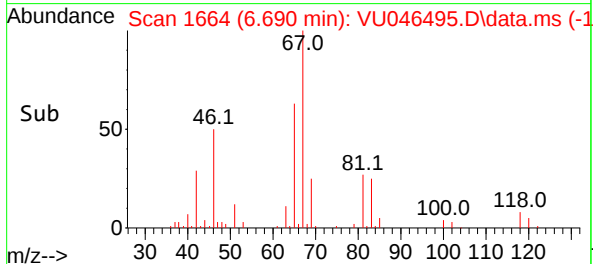
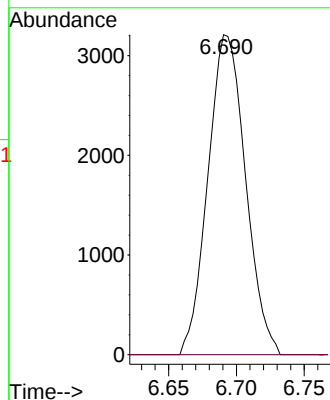
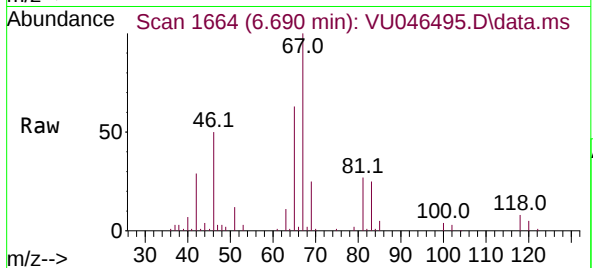
ClientSampleId :

Tgt Ion: 63 Resp: 6196

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.863 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046495.D

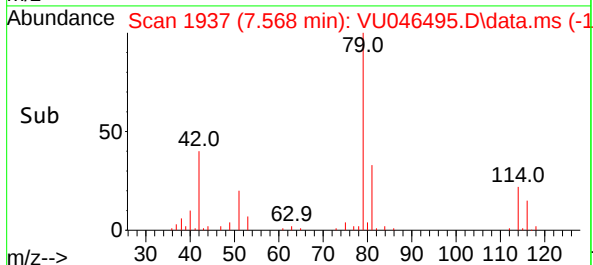
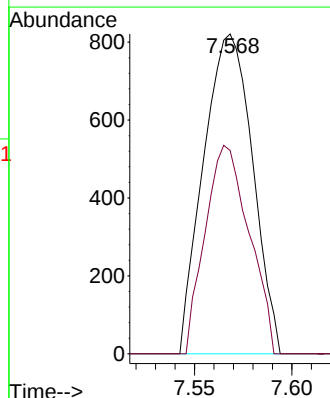
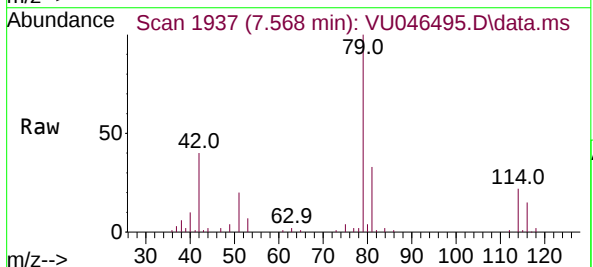
Acq: 19 Dec 2021 15:23

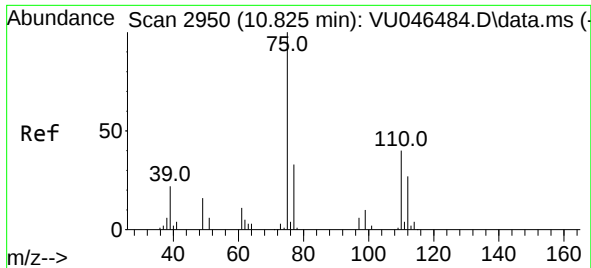
Tgt Ion: 75 Resp: 1437

Ion Ratio Lower Upper

75 100

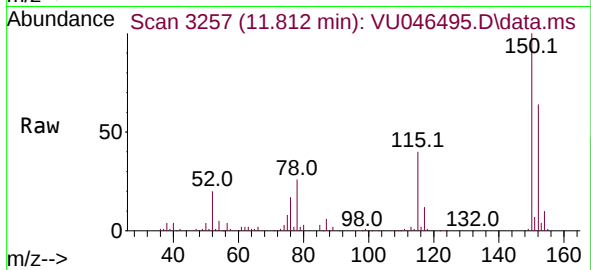
77 63.6 21.8 40.6#





#60
 1,2,3-Trichloropropane
 Concen: 5.550 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046495.D
 Acq: 19 Dec 2021 15:23

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 8223
 Ion Ratio Lower Upper
 75 100
 77 33.1 26.4 39.6
 110 2.3 32.4 48.6#

