

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121421\
 Data File : VU046382.D
 Acq On : 15 Dec 2021 01:09
 Operator : SY/MD
 Sample : M5037-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C00W9

Quant Time: Dec 15 03:47:36 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)

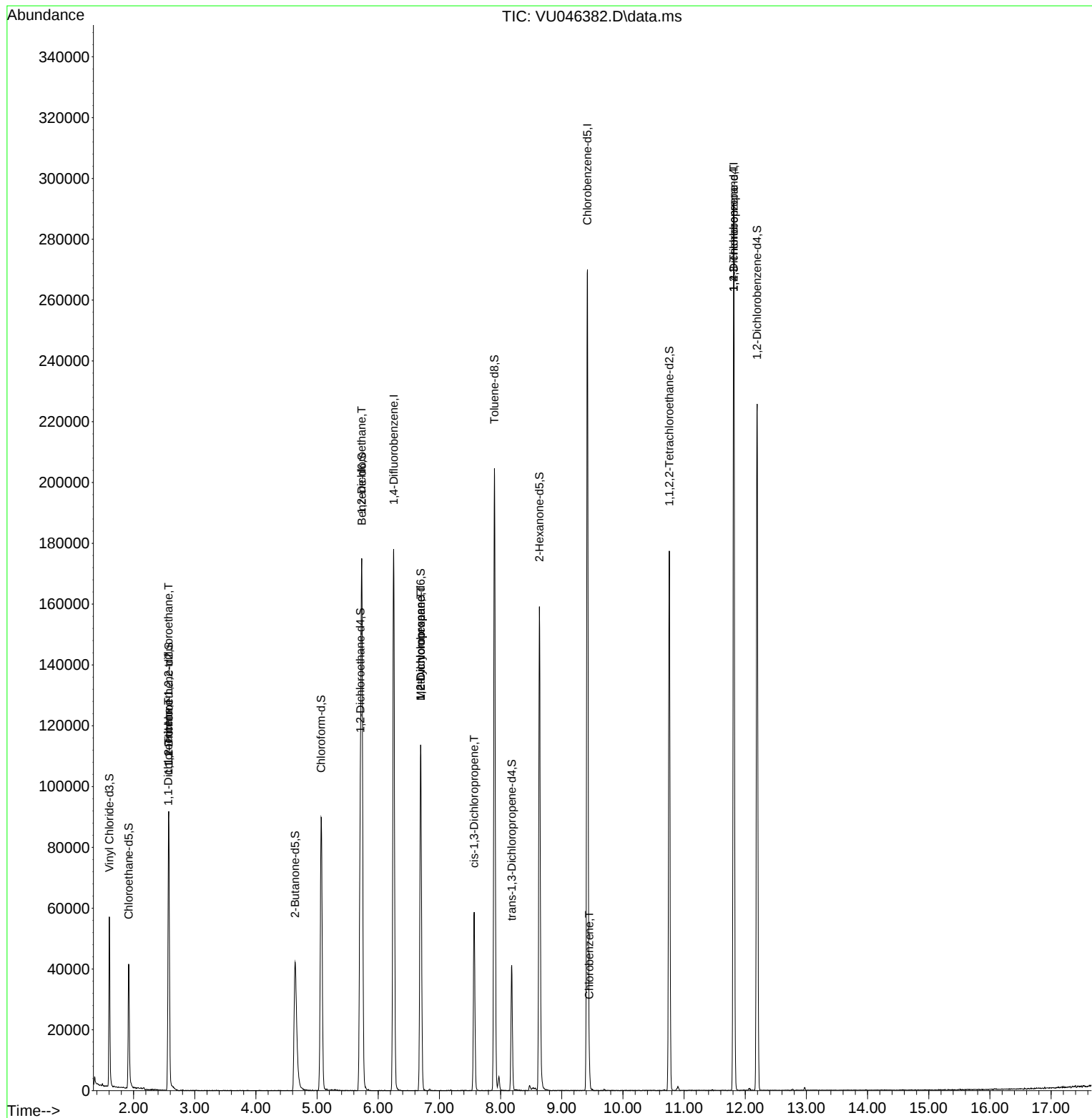
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	145780	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	151261	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	74646	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	40685	33.880	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.760%
7) Chloroethane-d5	1.919	69	33577	36.417	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.840%
11) 1,1-Dichloroethene-d2	2.575	63	55672	25.825	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.640%#
21) 2-Butanone-d5	4.642	46	79564	83.346	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.350%
24) Chloroform-d	5.066	84	85691	42.731	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.460%
26) 1,2-Dichloroethane-d4	5.706	65	57717	42.886	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.780%
32) Benzene-d6	5.732	84	161321	37.210	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.420%
36) 1,2-Dichloropropane-d6	6.693	67	52951	39.409	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.820%
41) Toluene-d8	7.899	98	134534	34.082	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	68.160%#
43) trans-1,3-Dichloroprop...	8.182	79	23872	36.805	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.600%
47) 2-Hexanone-d5	8.635	63	57056	89.562	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.560%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	84625	41.531	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.060%
66) 1,2-Dichlorobenzene-d4	12.195	152	57598	40.067	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.140%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	481	0.453	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	343	0.340	ug/L #	1
27) 1,2-Dichloroethane	5.729	62	819	0.512	ug/L #	73
35) Methylcyclohexane	6.693	83	12967	6.934	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	5981	4.987	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1580	0.866	ug/L	87
51) Chlorobenzene	9.449	112	4107	1.292	ug/L	91
60) 1,2,3-Trichloropropane	11.812	75	9222	5.636	ug/L #	66

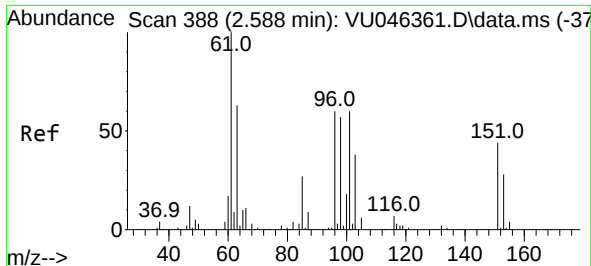
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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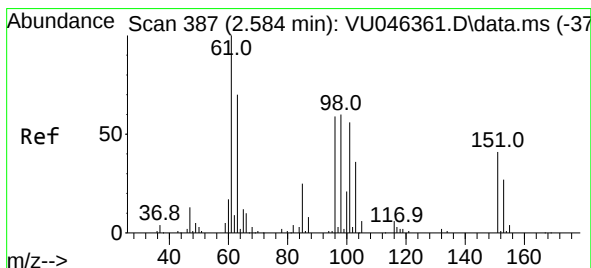
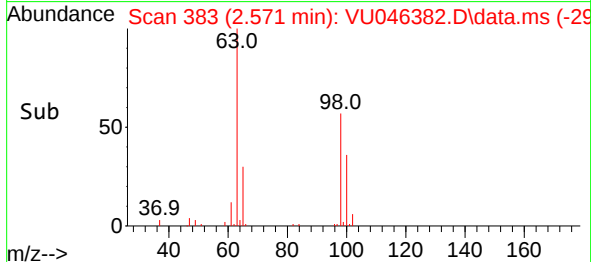
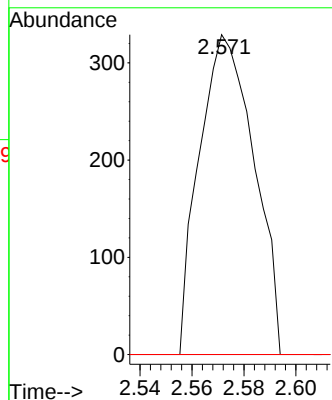
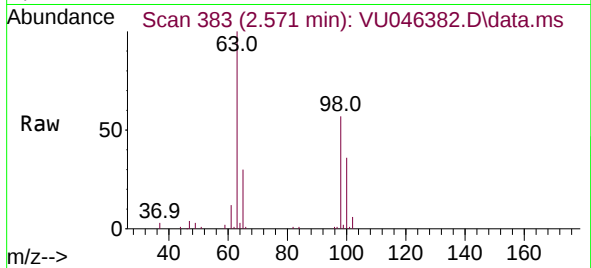




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.453 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046382.D
Acq: 15 Dec 2021 01:09

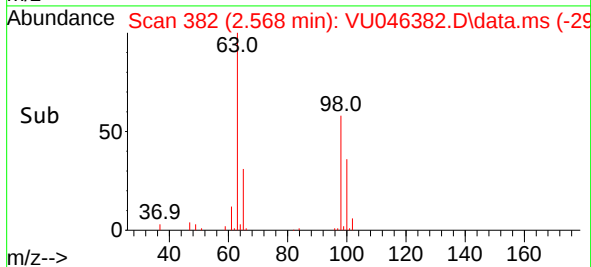
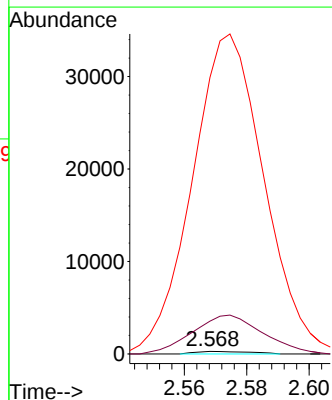
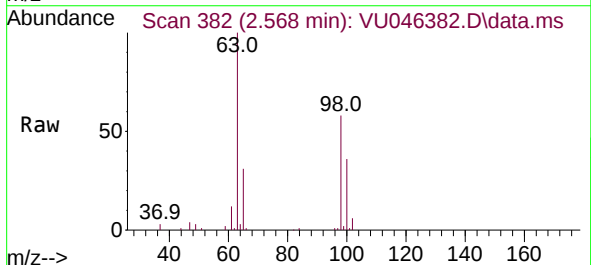
Instrument :
MSVOA_U
ClientSampleId :
C00W9

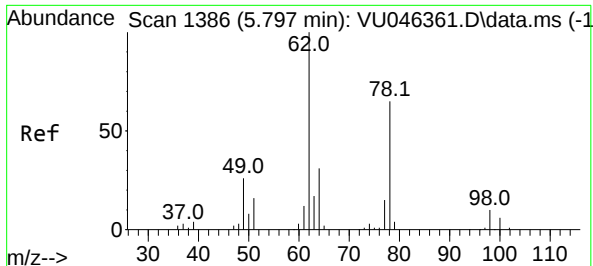
Tgt Ion:101 Resp: 481
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.340 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.016 min
Lab File: VU046382.D
Acq: 15 Dec 2021 01:09

Tgt Ion: 96 Resp: 343
Ion Ratio Lower Upper
96 100
61 1274.5 118.6 220.2#
63 10754.0 93.0 172.8#





#27

1,2-Dichloroethane

Concen: 0.512 ug/L

RT: 5.729 min Scan# 11

Delta R.T. -0.068 min

Lab File: VU046382.D

Acq: 15 Dec 2021 01:09

Instrument :

MSVOA_U

ClientSampleId :

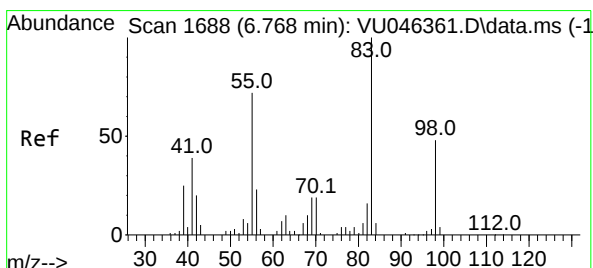
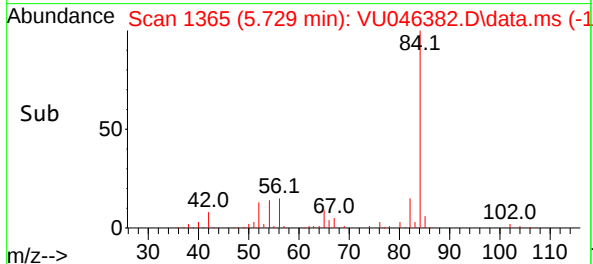
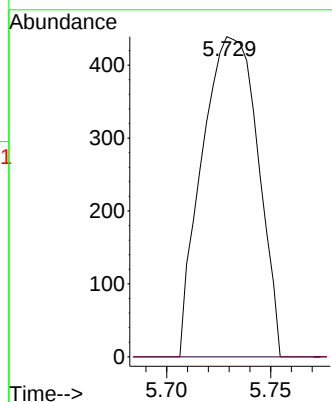
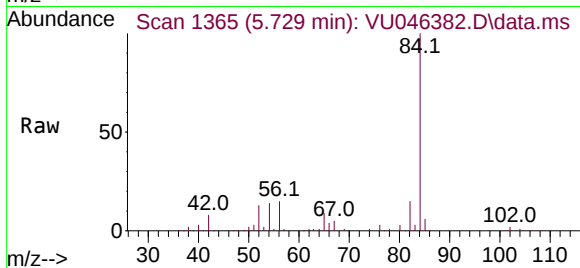
C00W9

Tgt Ion: 62 Resp: 819

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 6.934 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046382.D

Acq: 15 Dec 2021 01:09

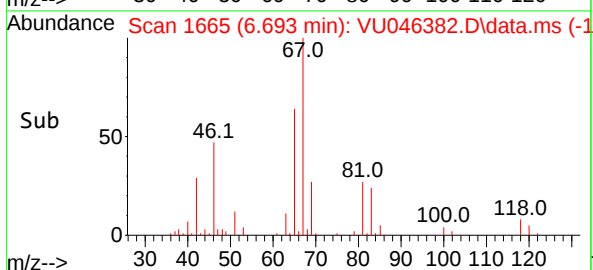
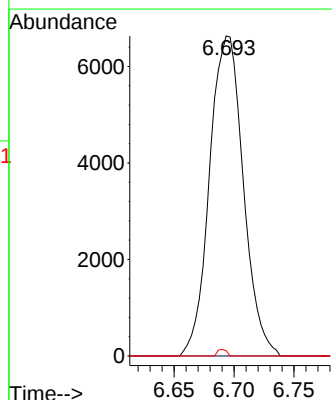
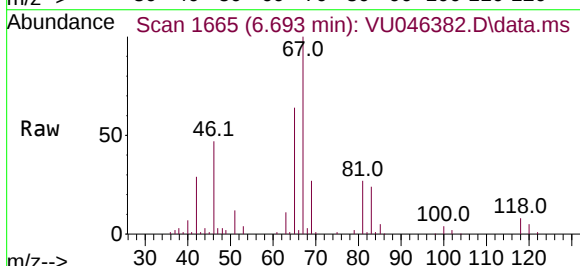
Tgt Ion: 83 Resp: 12967

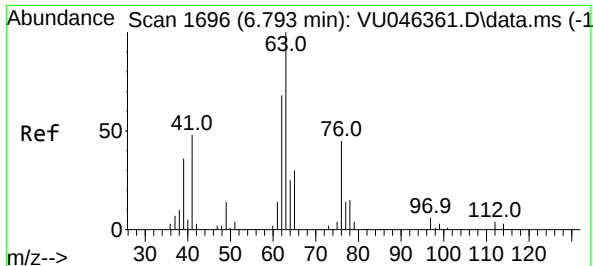
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.6 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 4.987 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046382.D

Acq: 15 Dec 2021 01:09

Instrument :

MSVOA_U

ClientSampleId :

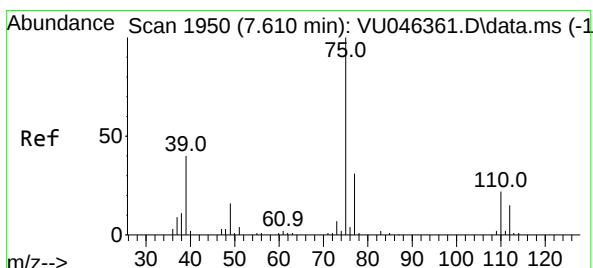
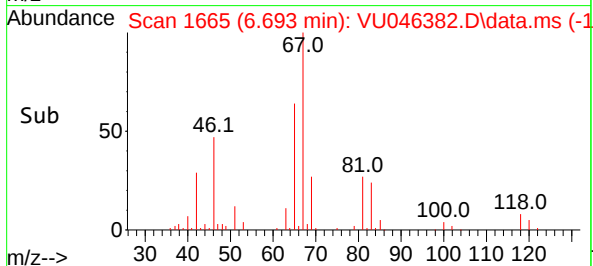
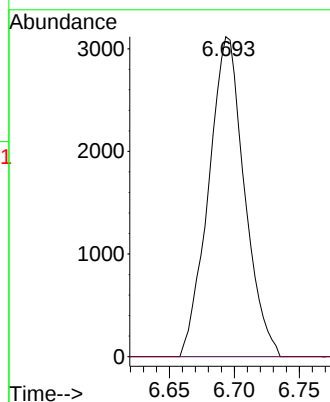
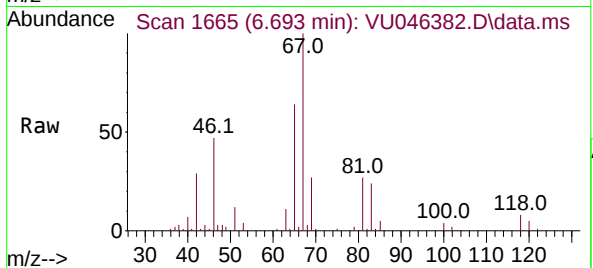
C00W9

Tgt Ion: 63 Resp: 5981

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.866 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046382.D

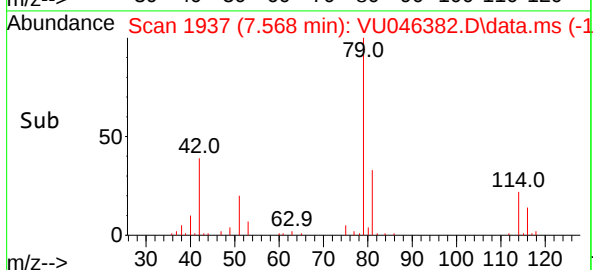
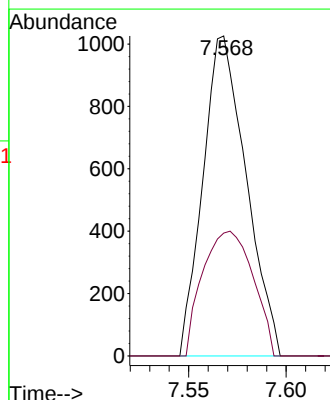
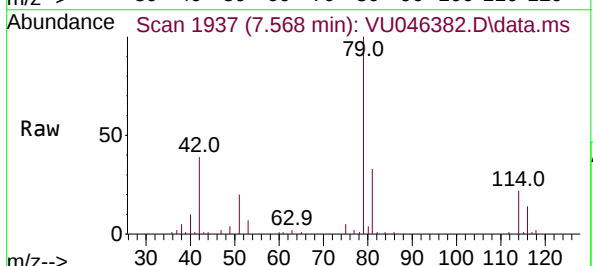
Acq: 15 Dec 2021 01:09

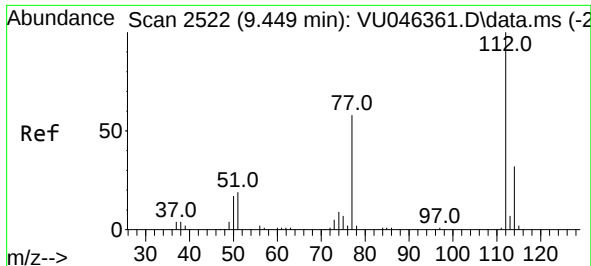
Tgt Ion: 75 Resp: 1580

Ion Ratio Lower Upper

75 100

77 38.4 21.8 40.6

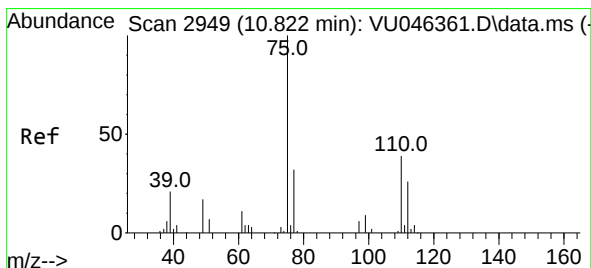
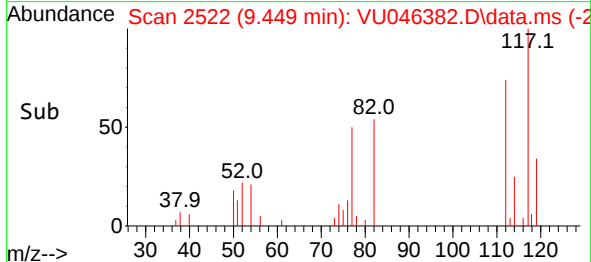
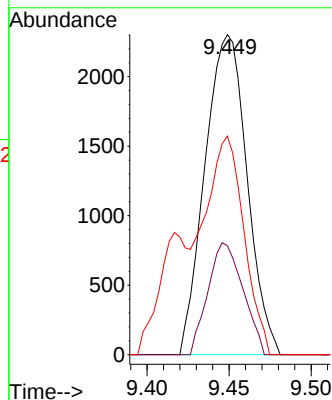
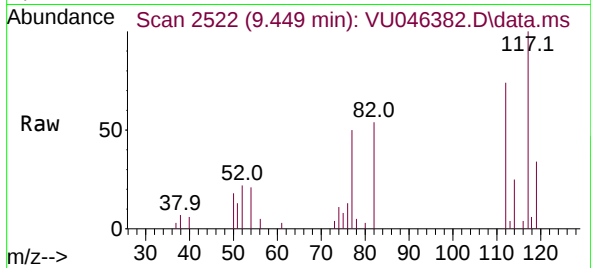




#51
Chlorobenzene
Concen: 1.292 ug/L
RT: 9.449 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046382.D
Acq: 15 Dec 2021 01:09

Instrument :
MSVOA_U
ClientSampleId :
C00W9

Tgt Ion:112 Resp: 4107
Ion Ratio Lower Upper
112 100
114 34.1 22.2 41.2
77 68.3 47.4 71.0



#60
1,2,3-Trichloropropane
Concen: 5.636 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU046382.D
Acq: 15 Dec 2021 01:09

Tgt Ion: 75 Resp: 9222
Ion Ratio Lower Upper
75 100
77 32.0 26.4 39.6
110 2.9 32.4 48.6#

