

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121421\
 Data File : VU046381.D
 Acq On : 15 Dec 2021 00:46
 Operator : SY/MD
 Sample : M5037-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C00W7

Quant Time: Dec 15 03:47:22 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

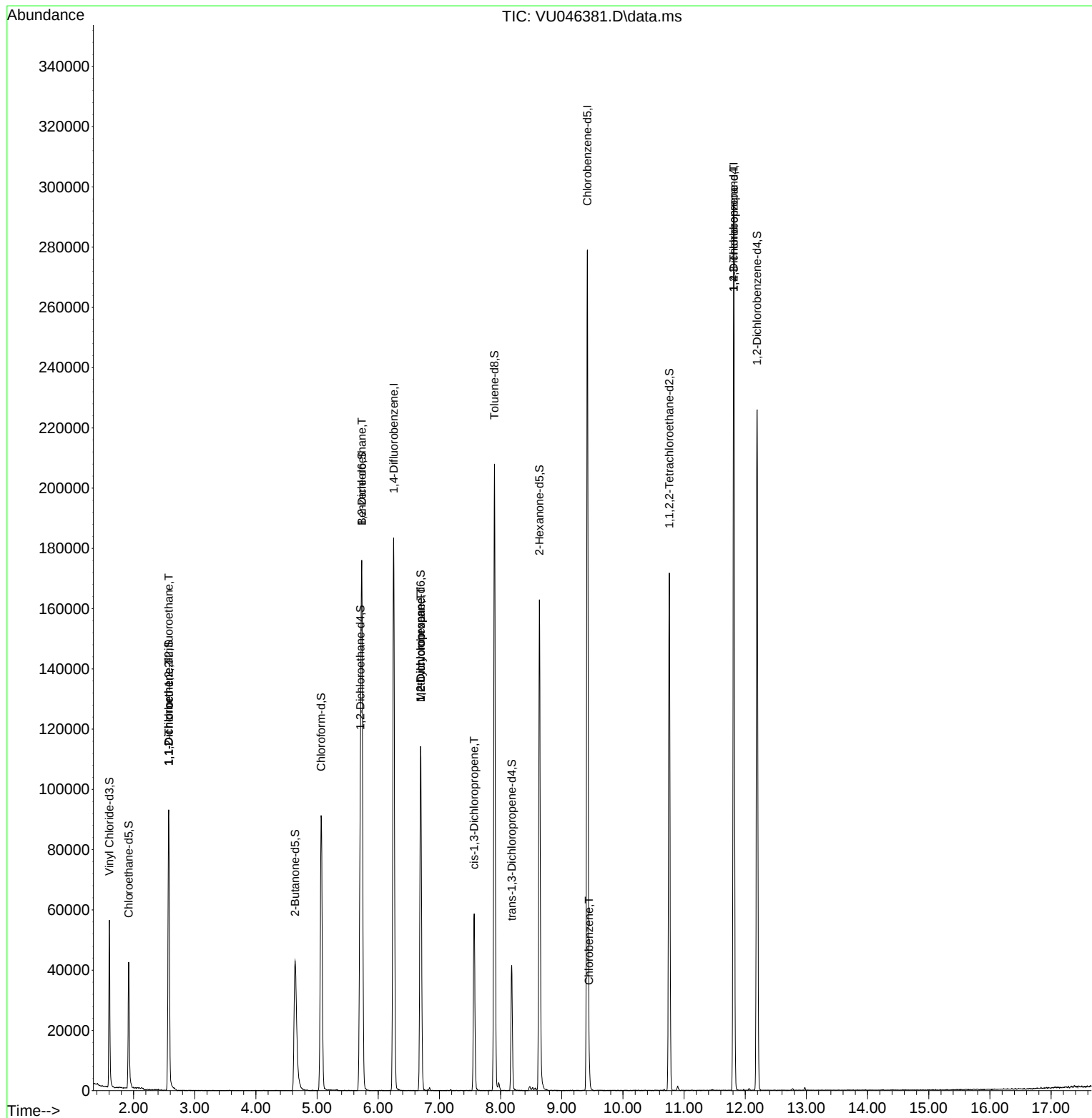
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	145299	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	153868	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	76087	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	40942	34.207	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.420%
7) Chloroethane-d5	1.919	69	33415	36.361	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.720%
11) 1,1-Dichloroethene-d2	2.575	63	55803	25.971	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.940%#
21) 2-Butanone-d5	4.642	46	82589	86.801	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.800%
24) Chloroform-d	5.066	84	86844	43.449	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.900%
26) 1,2-Dichloroethane-d4	5.706	65	58272	43.441	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.880%
32) Benzene-d6	5.732	84	161515	36.624	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.240%
36) 1,2-Dichloropropane-d6	6.693	67	52547	38.446	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.900%
41) Toluene-d8	7.899	98	134327	33.453	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	66.900%#
43) trans-1,3-Dichloroprop...	8.182	79	23360	35.405	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.820%
47) 2-Hexanone-d5	8.636	63	58209	89.823	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.820%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	85404	41.203	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	58233	39.741	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.480%#
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	410	0.388	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	358	0.356	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	978	0.614	ug/L #	73
35) Methylcyclohexane	6.693	83	13118	6.896	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	5946	4.874	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1451	0.782	ug/L #	50
51) Chlorobenzene	9.446	112	3731	1.154	ug/L	97
60) 1,2,3-Trichloropropane	11.812	75	9269	5.557	ug/L #	65

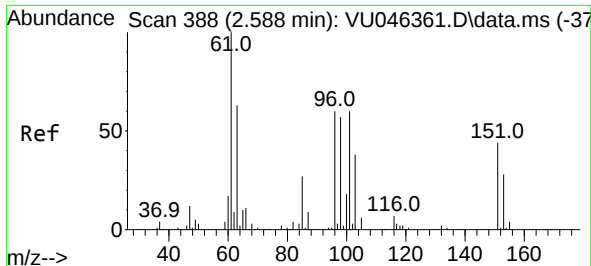
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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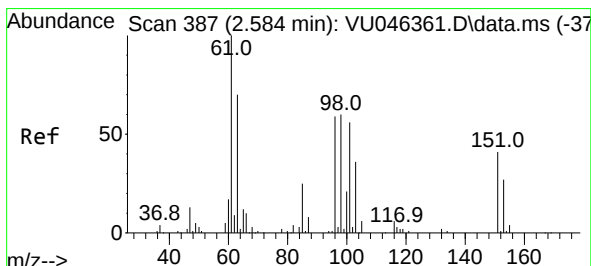
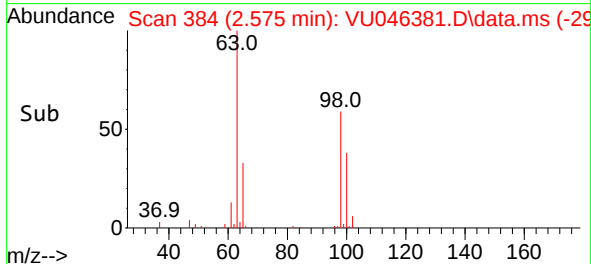
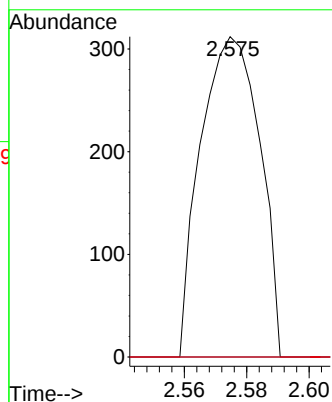
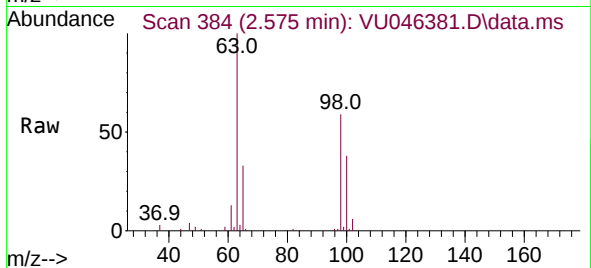




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.388 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU046381.D
Acq: 15 Dec 2021 00:46

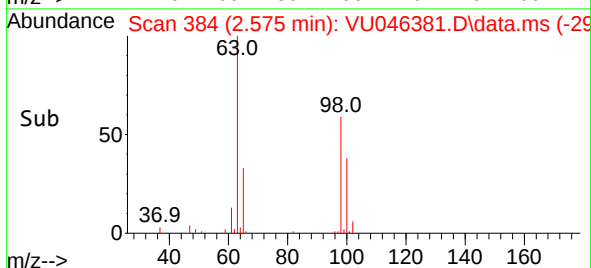
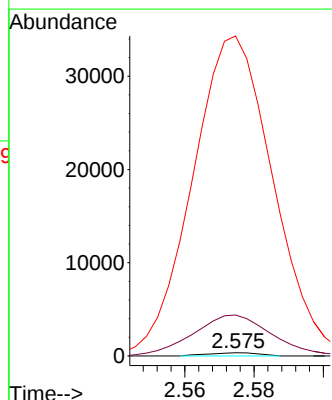
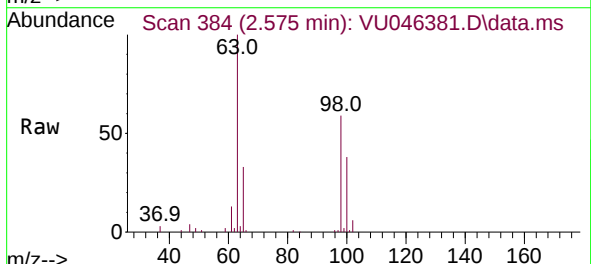
Instrument :
MSVOA_U
ClientSampleId :
C00W7

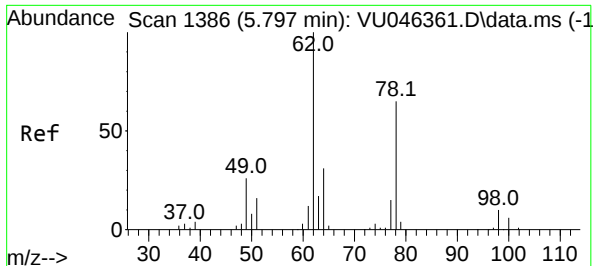
Tgt Ion:101 Resp: 410
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.356 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.010 min
Lab File: VU046381.D
Acq: 15 Dec 2021 00:46

Tgt Ion: 96 Resp: 358
Ion Ratio Lower Upper
96 100
61 1256.3 118.6 220.2#
63 9805.7 93.0 172.8#





#27

1,2-Dichloroethane

Concen: 0.614 ug/L

RT: 5.732 min Scan# 11

Delta R.T. -0.064 min

Lab File: VU046381.D

Acq: 15 Dec 2021 00:46

Instrument :

MSVOA_U

ClientSampleId :

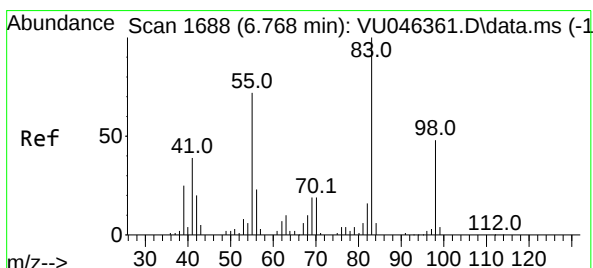
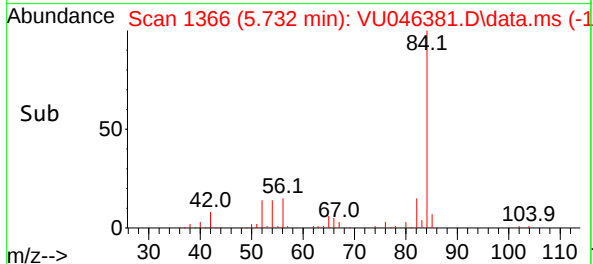
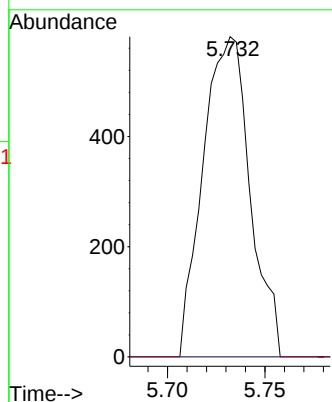
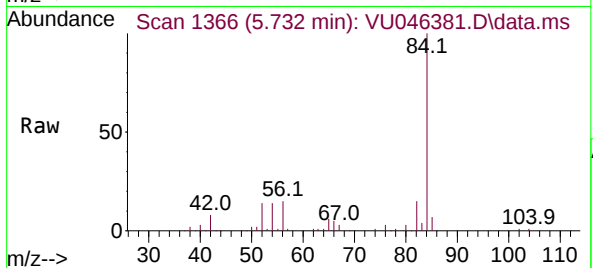
C00W7

Tgt Ion: 62 Resp: 978

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 6.896 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046381.D

Acq: 15 Dec 2021 00:46

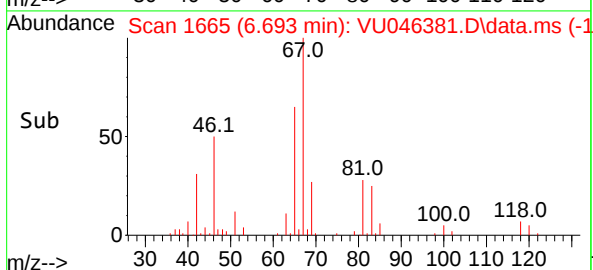
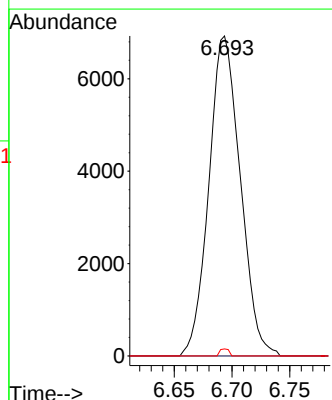
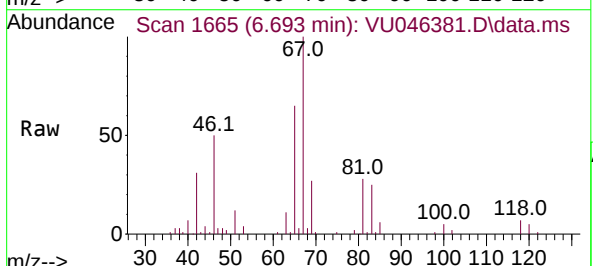
Tgt Ion: 83 Resp: 13118

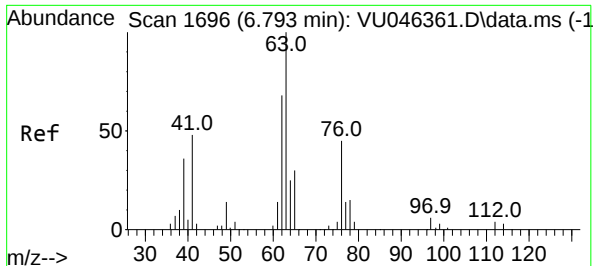
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.6 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 4.874 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046381.D

Acq: 15 Dec 2021 00:46

Instrument :

MSVOA_U

ClientSampleId :

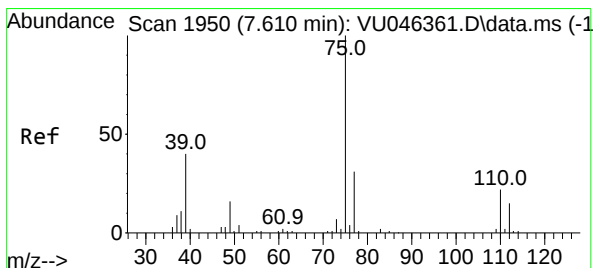
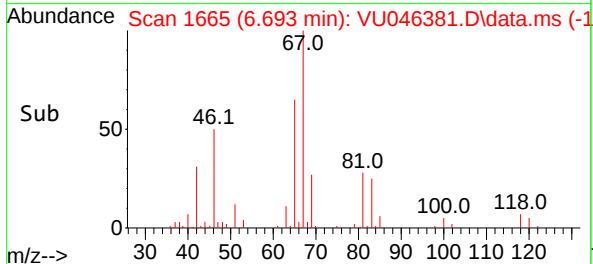
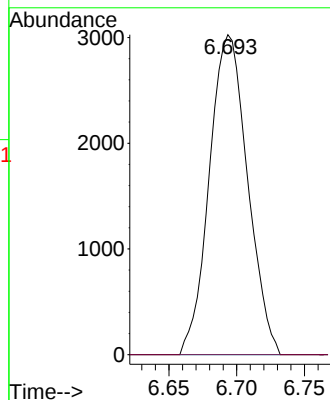
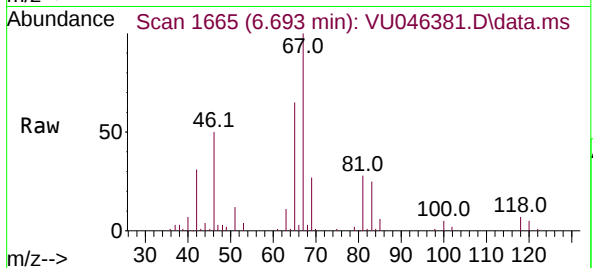
C00W7

Tgt Ion: 63 Resp: 5946

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.782 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046381.D

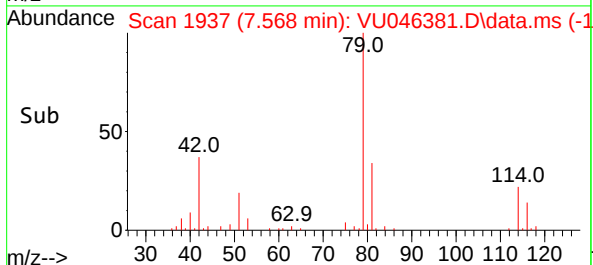
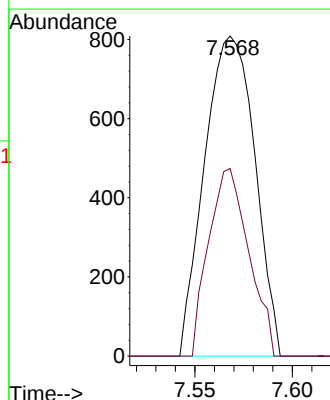
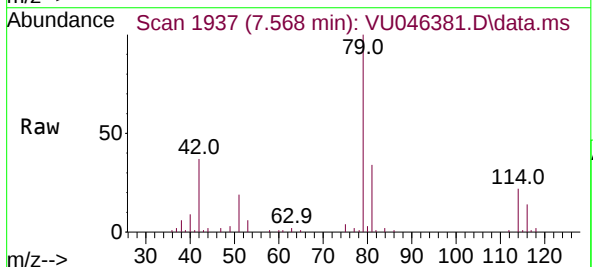
Acq: 15 Dec 2021 00:46

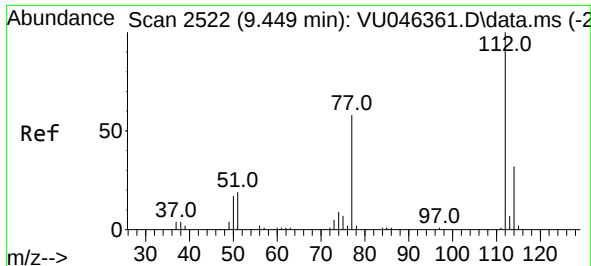
Tgt Ion: 75 Resp: 1451

Ion Ratio Lower Upper

75 100

77 58.6 21.8 40.6#

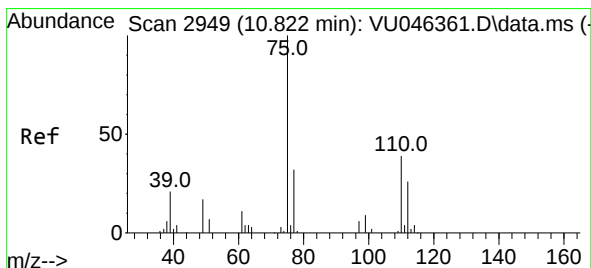
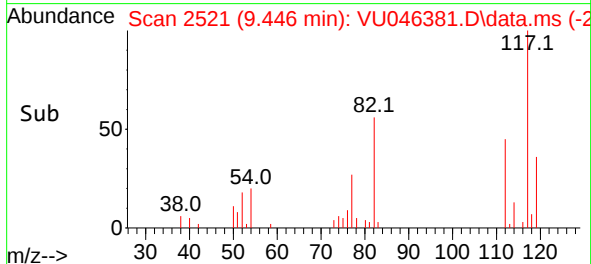
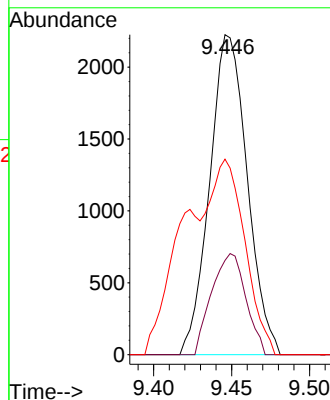
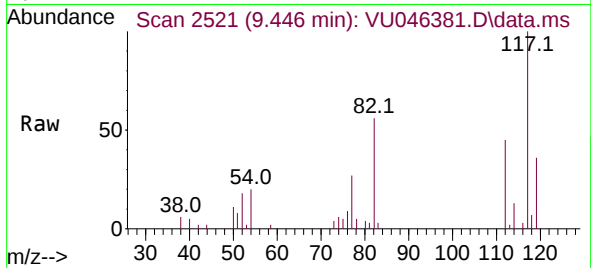




#51
Chlorobenzene
Concen: 1.154 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046381.D
Acq: 15 Dec 2021 00:46

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MSVOA_U
ClientSampleId :
C00W7

Tgt Ion:112 Resp: 3731
Ion Ratio Lower Upper
112 100
114 29.4 22.2 41.2
77 61.1 47.4 71.0



#60
1,2,3-Trichloropropane
Concen: 5.557 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU046381.D
Acq: 15 Dec 2021 00:46

Tgt Ion: 75 Resp: 9269
Ion Ratio Lower Upper
75 100
77 31.5 26.4 39.6
110 2.4 32.4 48.6#

