

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121421\
 Data File : VU046379.D
 Acq On : 15 Dec 2021 00:01
 Operator : SY/MD
 Sample : M5037-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C00W3

Quant Time: Dec 15 03:46:58 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)

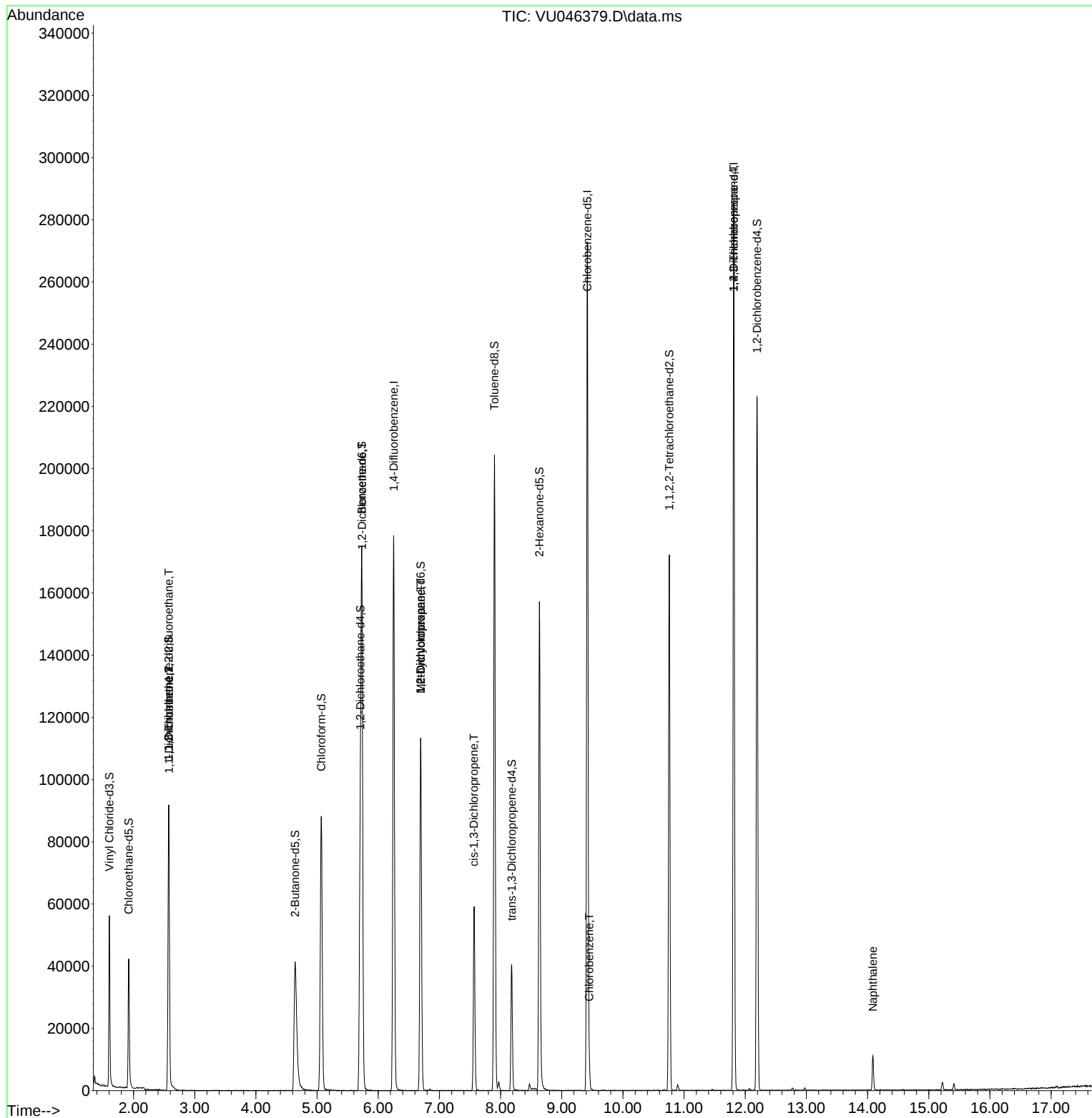
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	142985	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	150004	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	71300	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	41402	35.151	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	70.300%		
7) Chloroethane-d5	1.919	69	32792	36.261	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	72.520%		
11) 1,1-Dichloroethene-d2	2.575	63	55628	26.309	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	52.620%#		
21) 2-Butanone-d5	4.642	46	80547	86.025	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.020%		
24) Chloroform-d	5.070	84	85072	43.251	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.500%		
26) 1,2-Dichloroethane-d4	5.706	65	57832	43.811	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.620%		
32) Benzene-d6	5.732	84	162186	37.723	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	75.440%		
36) 1,2-Dichloropropane-d6	6.693	67	53510	40.159	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	80.320%		
41) Toluene-d8	7.899	98	133723	34.160	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	68.320%#		
43) trans-1,3-Dichloroprop...	8.182	79	23651	36.770	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.540%		
47) 2-Hexanone-d5	8.636	63	56690	89.733	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.730%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	82735	40.943	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	81.880%		
66) 1,2-Dichlorobenzene-d4	12.195	152	57320	41.745	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.480%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	400	0.384	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	372	0.376	ug/L #	1
27) 1,2-Dichloroethane	5.735	62	915	0.583	ug/L #	73
35) Methylcyclohexane	6.693	83	12551	6.768	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	5891	4.953	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	1054	0.583	ug/L	83
51) Chlorobenzene	9.449	112	3841	1.219	ug/L	93
60) 1,2,3-Trichloropropane	11.812	75	8735	5.589	ug/L #	66
71) Naphthalene	14.089	128	9674	1.951	ug/L	97

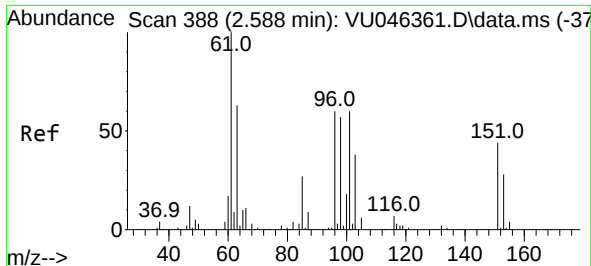
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_U/WATER
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Quant Time: Dec 15 03:46:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 15 03:40:56 2021
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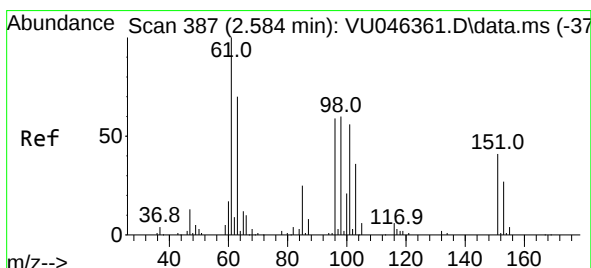
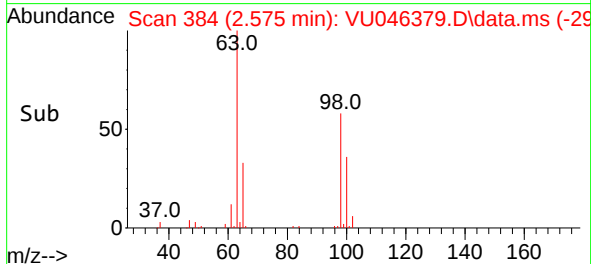
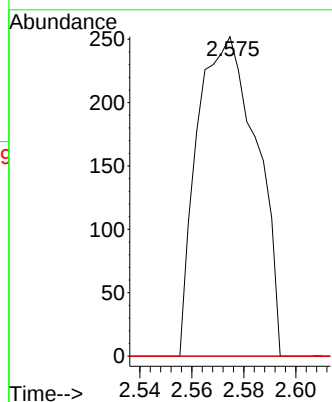
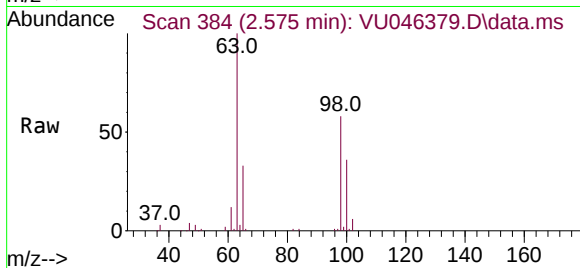




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.384 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU046379.D
Acq: 15 Dec 2021 00:01

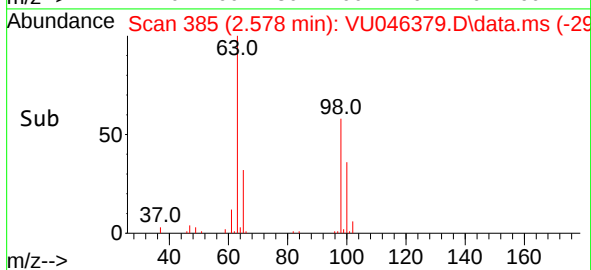
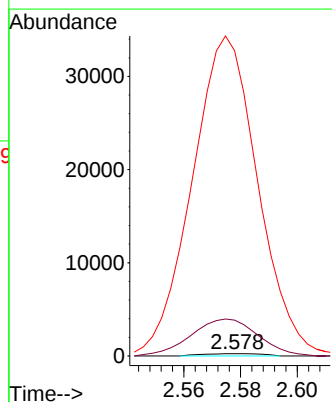
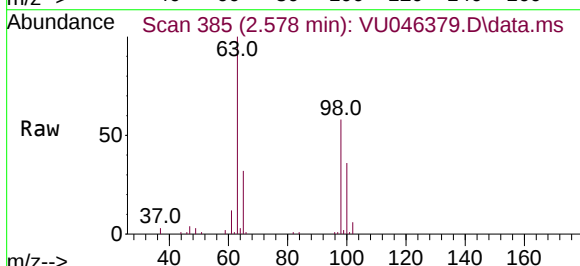
Instrument :
MSVOA_U
ClientSampleId :
C00W3

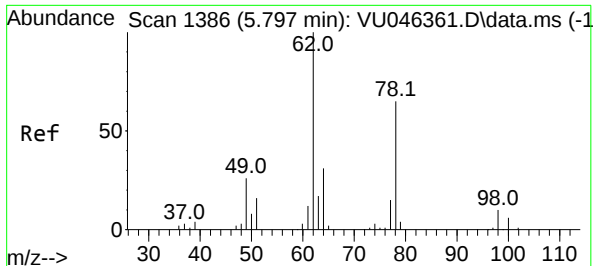
Tgt Ion:101 Resp: 400
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.376 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.007 min
Lab File: VU046379.D
Acq: 15 Dec 2021 00:01

Tgt Ion: 96 Resp: 372
Ion Ratio Lower Upper
96 100
61 1543.8 118.6 220.2#
63 13159.8 93.0 172.8#





#27

1,2-Dichloroethane

Concen: 0.583 ug/L

RT: 5.735 min Scan# 11

Delta R.T. -0.061 min

Lab File: VU046379.D

Acq: 15 Dec 2021 00:01

Instrument :

MSVOA_U

ClientSampleId :

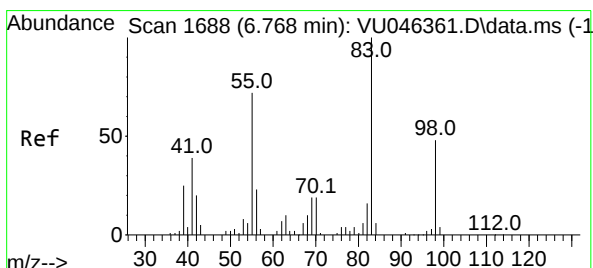
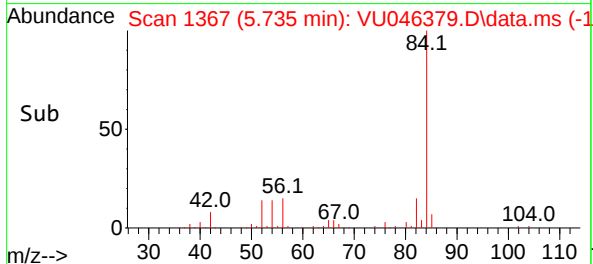
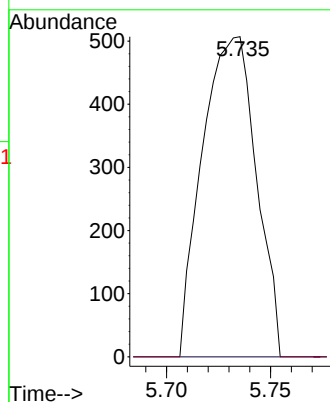
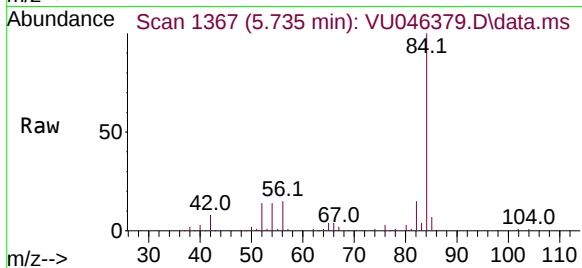
C00W3

Tgt Ion: 62 Resp: 915

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 6.768 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046379.D

Acq: 15 Dec 2021 00:01

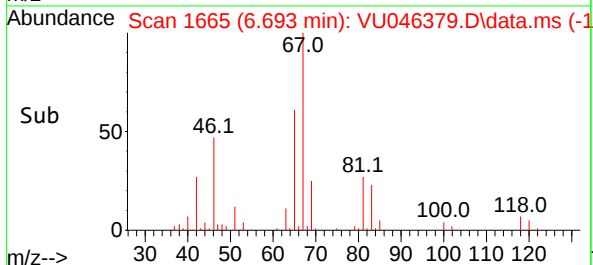
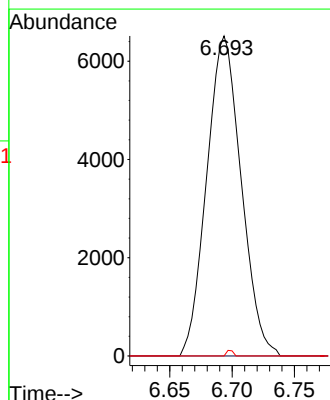
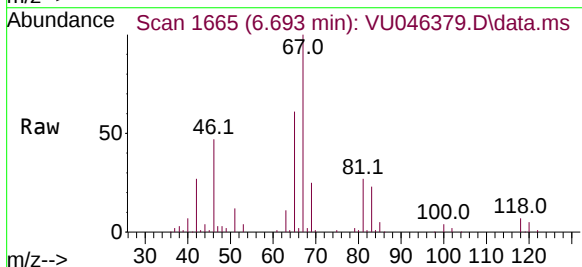
Tgt Ion: 83 Resp: 12551

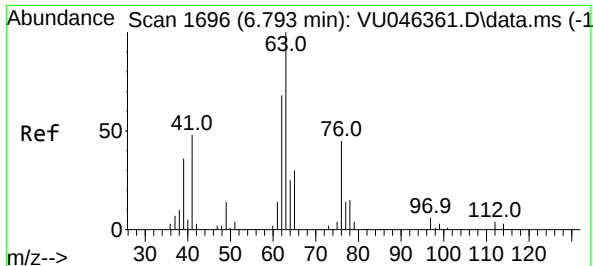
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.3 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 4.953 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046379.D

Acq: 15 Dec 2021 00:01

Instrument :

MSVOA_U

ClientSampleId :

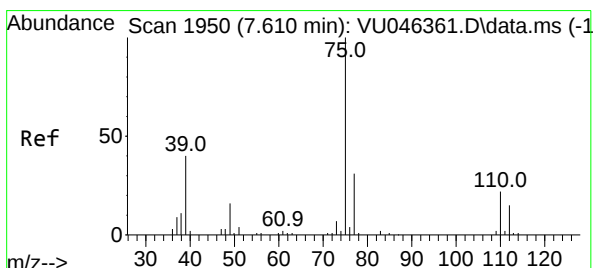
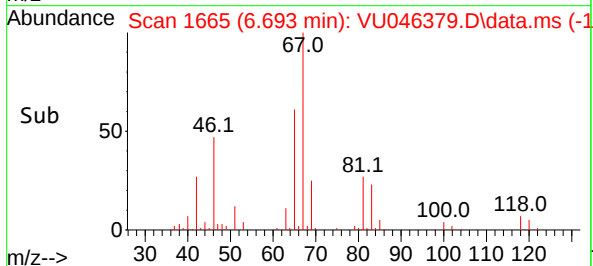
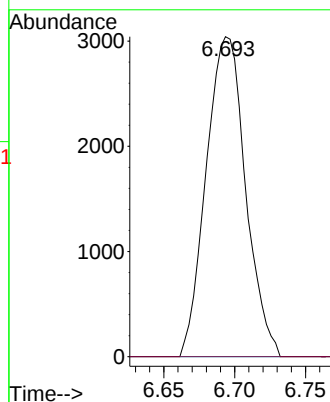
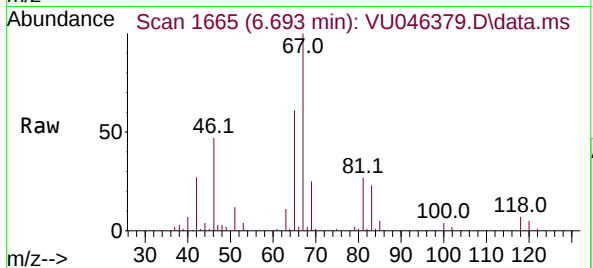
C00W3

Tgt Ion: 63 Resp: 5891

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.583 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU046379.D

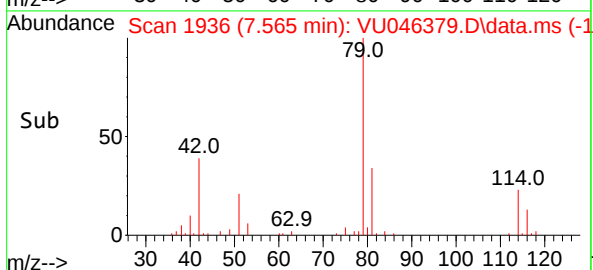
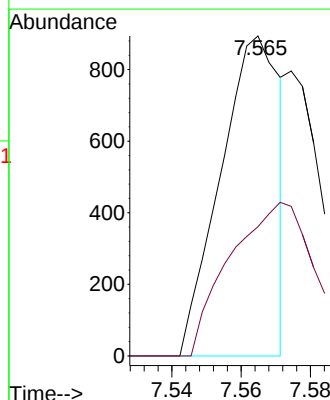
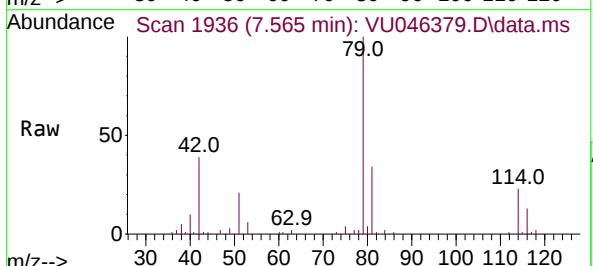
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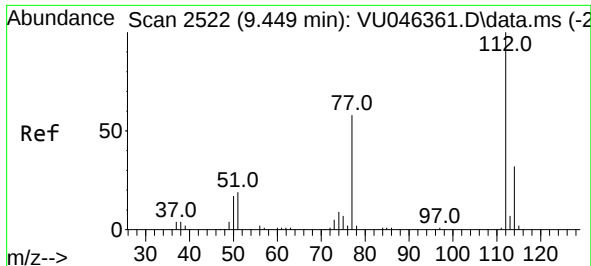
Tgt Ion: 75 Resp: 1054

Ion Ratio Lower Upper

75 100

77 40.4 21.8 40.6

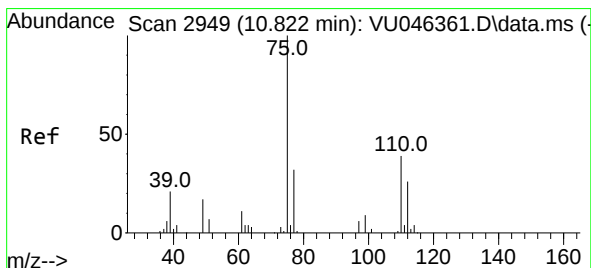
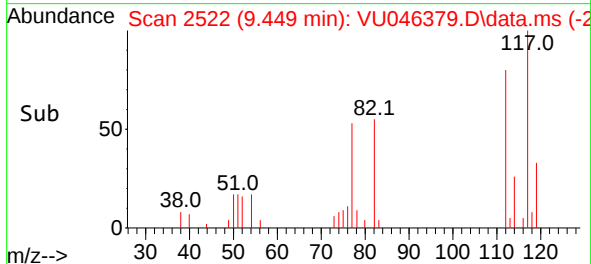
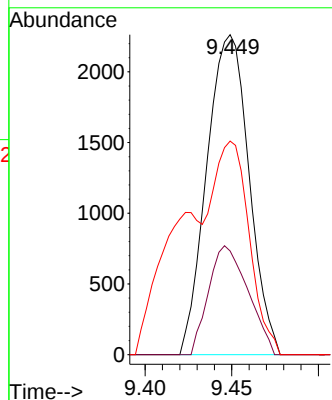
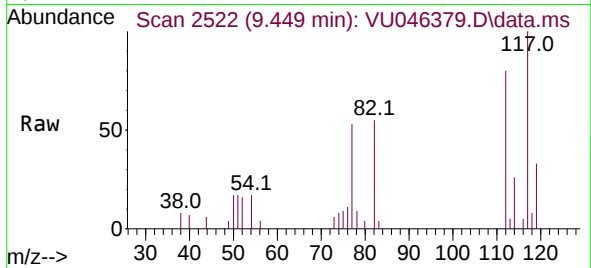




#51
Chlorobenzene
Concen: 1.219 ug/L
RT: 9.449 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046379.D
Acq: 15 Dec 2021 00:01

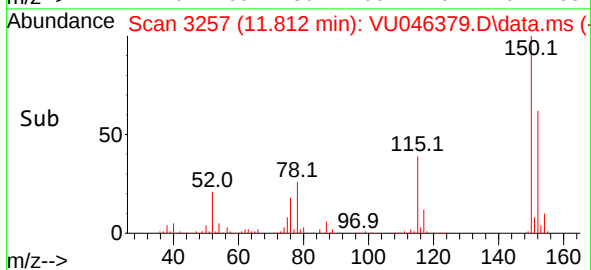
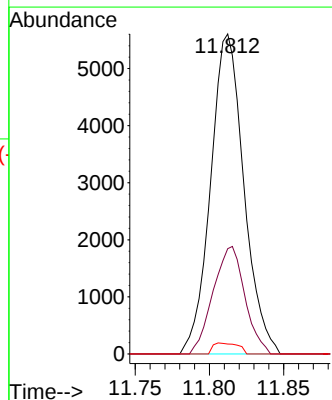
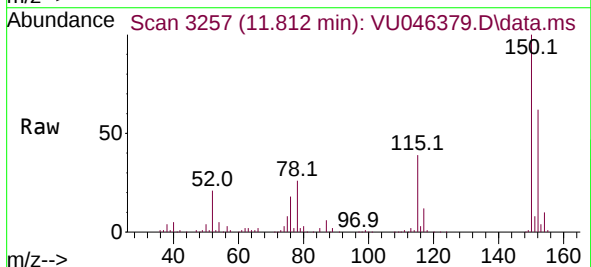
Instrument :
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ClientSampleId :
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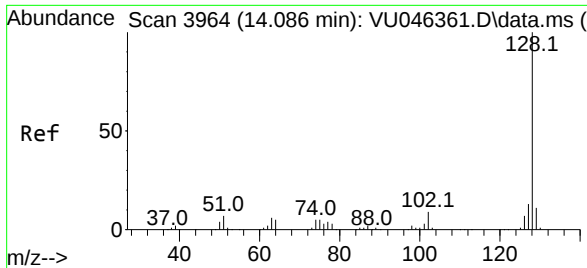
Tgt Ion:112 Resp: 3841
Ion Ratio Lower Upper
112 100
114 32.4 22.2 41.2
77 66.8 47.4 71.0



#60
1,2,3-Trichloropropane
Concen: 5.589 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU046379.D
Acq: 15 Dec 2021 00:01

Tgt Ion: 75 Resp: 8735
Ion Ratio Lower Upper
75 100
77 32.0 26.4 39.6
110 2.6 32.4 48.6#





#71

Naphthalene

Concen: 1.951 ug/L

RT: 14.089 min Scan# 3965

Delta R.T. 0.003 min

Lab File: VU046379.D

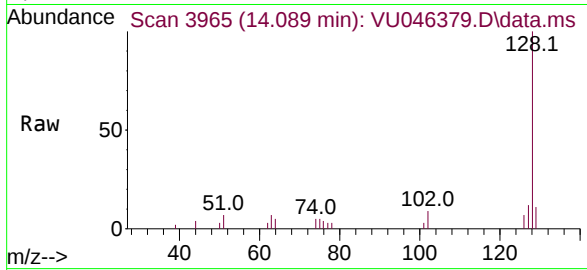
Acq: 15 Dec 2021 00:01

Instrument :

MSVOA_U

ClientSampleId :

C00W3



Tgt Ion:128 Resp: 9674

Ion Ratio Lower Upper

128 100

127 11.4 10.1 15.1

129 9.9 8.6 13.0

