

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121421\
 Data File : VU046363.D
 Acq On : 14 Dec 2021 18:02
 Operator : SY/MD
 Sample : VU1214WBL02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK063

Quant Time: Dec 15 03:43:30 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)

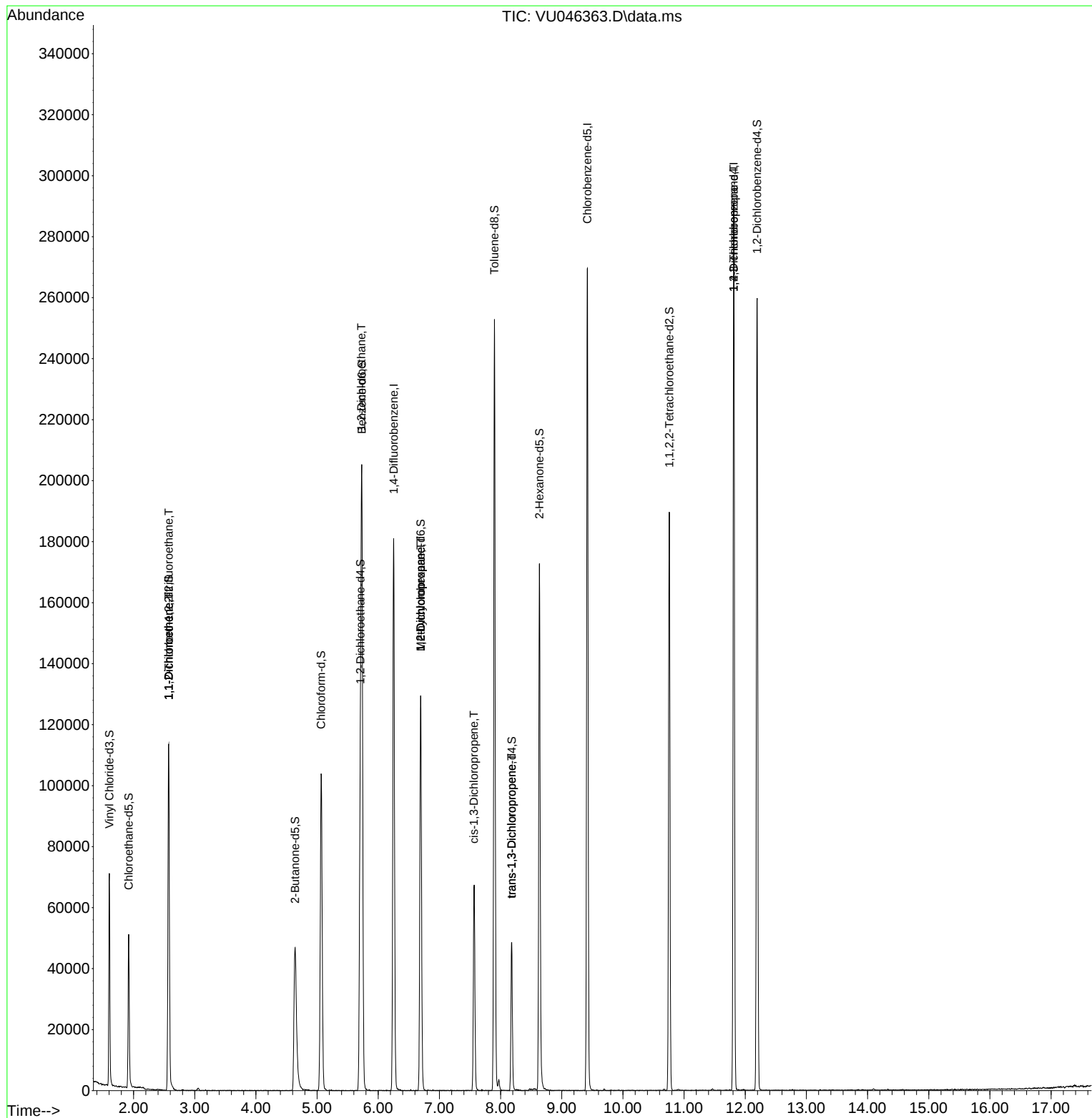
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	145156	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	150851	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	74180	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	51571	43.130	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.260%		
7) Chloroethane-d5	1.919	69	39490	43.014	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.020%		
11) 1,1-Dichloroethene-d2	2.575	63	69257	32.265	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.520%		
21) 2-Butanone-d5	4.639	46	85041	89.466	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.470%		
24) Chloroform-d	5.067	84	98420	49.289	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.580%		
26) 1,2-Dichloroethane-d4	5.706	65	65812	49.111	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.220%		
32) Benzene-d6	5.732	84	191129	44.205	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.420%		
36) 1,2-Dichloropropane-d6	6.694	67	60597	45.222	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.440%		
41) Toluene-d8	7.899	98	161096	40.922	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.840%		
43) trans-1,3-Dichloroprop...	8.182	79	27824	43.015	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.020%		
47) 2-Hexanone-d5	8.636	63	62517	98.401	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.400%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	91244	44.901	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.800%		
66) 1,2-Dichlorobenzene-d4	12.195	152	65195	45.636	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.280%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	612	0.579	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	460	0.458	ug/L #	1
27) 1,2-Dichloroethane	5.726	62	1113	0.699	ug/L #	73
35) Methylcyclohexane	6.694	83	14669	7.865	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	6927	5.792	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	1674	0.920	ug/L #	60
44) trans-1,3-Dichloropropene	8.179	75	1227	0.687	ug/L #	67
60) 1,2,3-Trichloropropane	11.812	75	9081	5.585	ug/L #	66

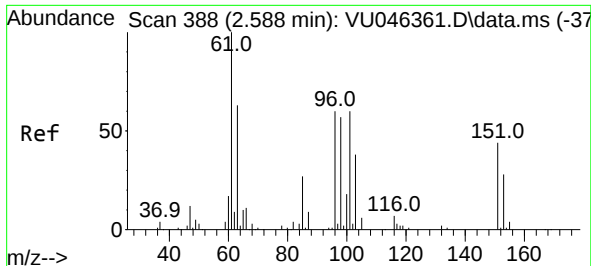
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 15 03:40:56 2021
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.579 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.013 min

Lab File: VU046363.D

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Instrument :

MSVOA_U

ClientSampleId :

VBLK063

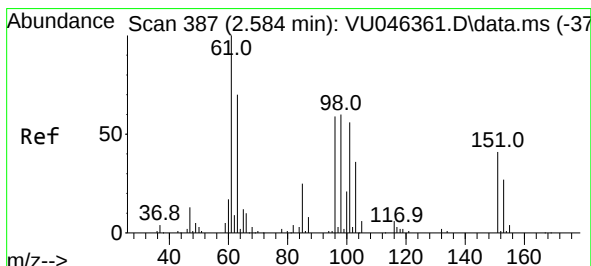
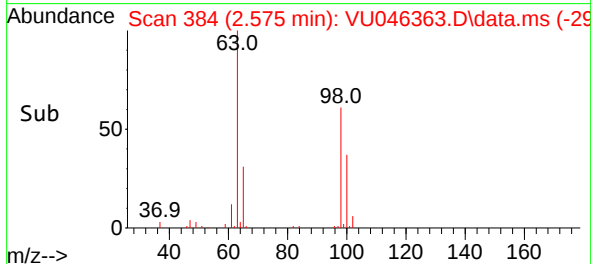
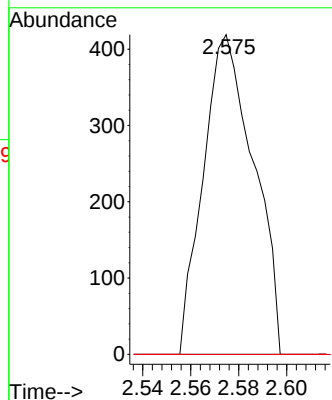
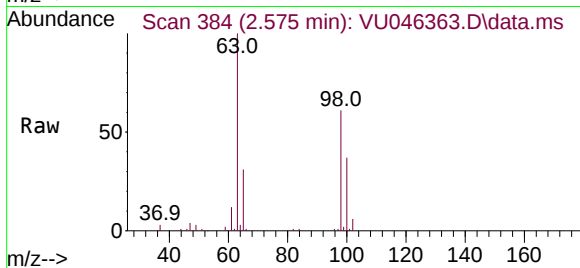
Tgt Ion:101 Resp: 612

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: 0.458 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.010 min

Lab File: VU046363.D

Acq: 14 Dec 2021 18:02

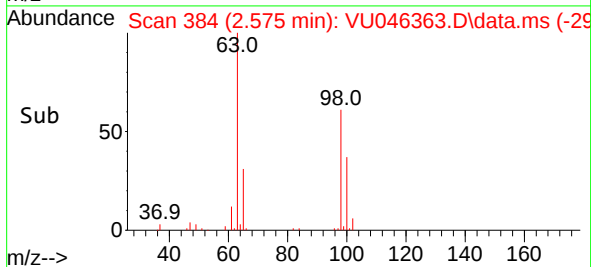
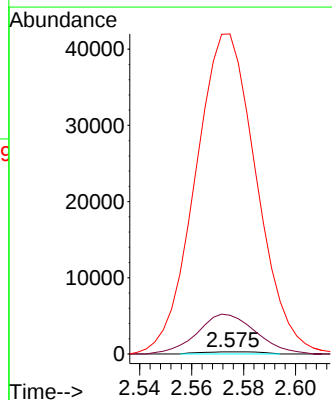
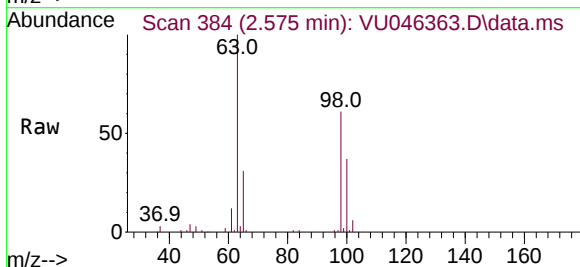
Tgt Ion: 96 Resp: 460

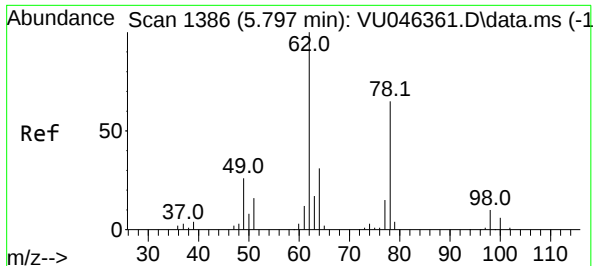
Ion Ratio Lower Upper

96 100

61 1824.4 118.6 220.2#

63 15053.8 93.0 172.8#





#27

1,2-Dichloroethane

Concen: 0.699 ug/L

RT: 5.726 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU046363.D

Acq: 14 Dec 2021 18:02

Instrument :

MSVOA_U

ClientSampleId :

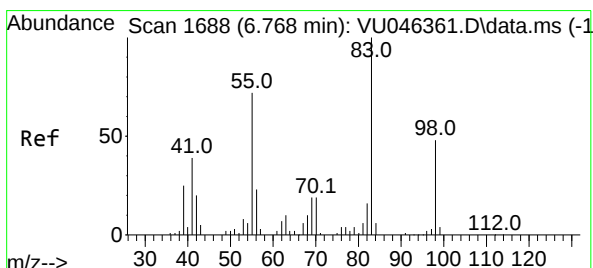
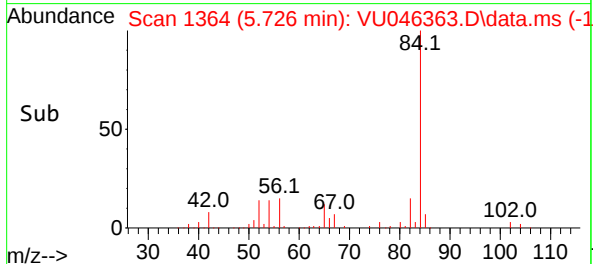
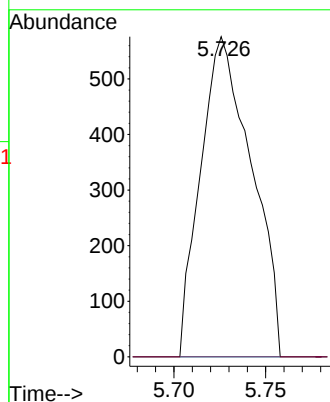
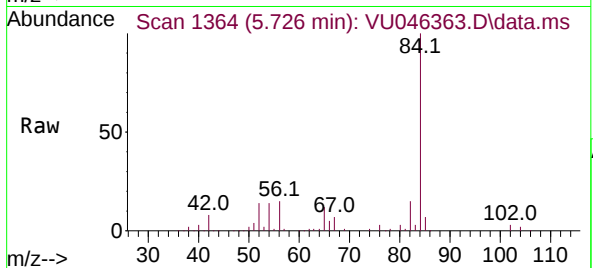
VBLK063

Tgt Ion: 62 Resp: 1113

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 7.865 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046363.D

Acq: 14 Dec 2021 18:02

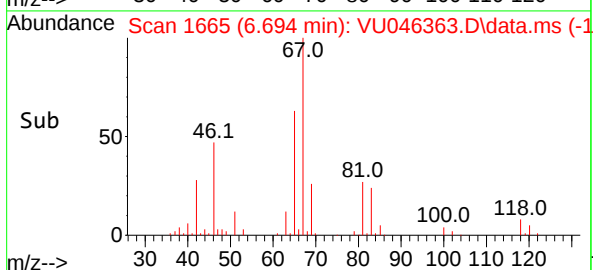
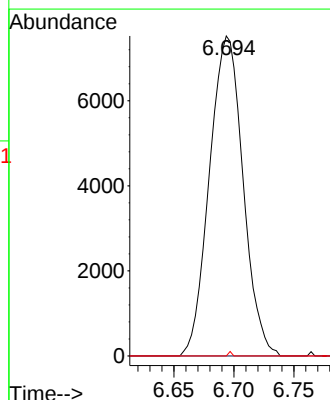
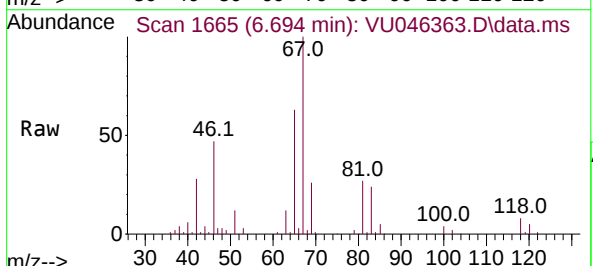
Tgt Ion: 83 Resp: 14669

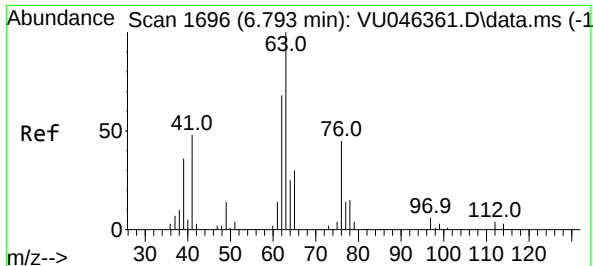
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 0.3 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.792 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046363.D

Acq: 14 Dec 2021 18:02

Instrument :

MSVOA_U

ClientSampleId :

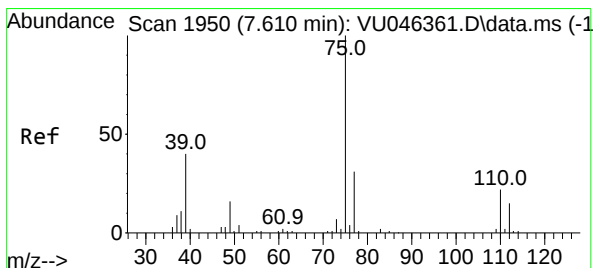
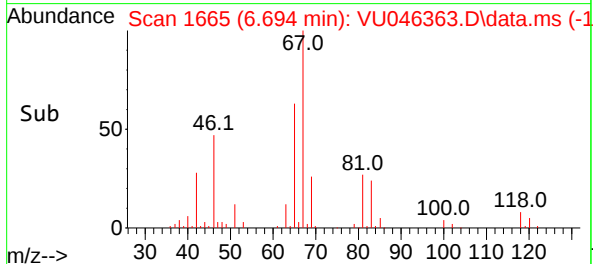
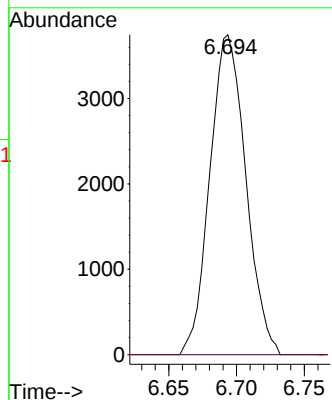
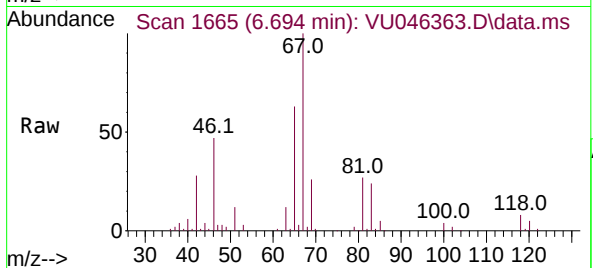
VBLK063

Tgt Ion: 63 Resp: 6927

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.920 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU046363.D

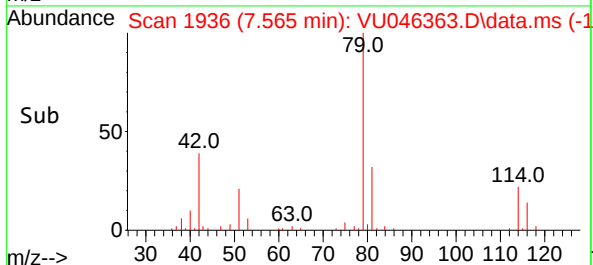
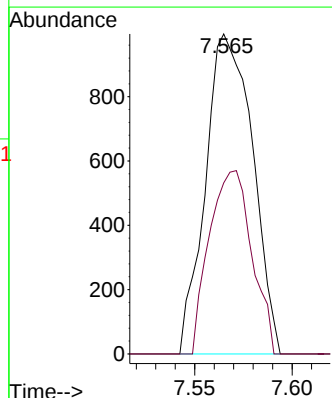
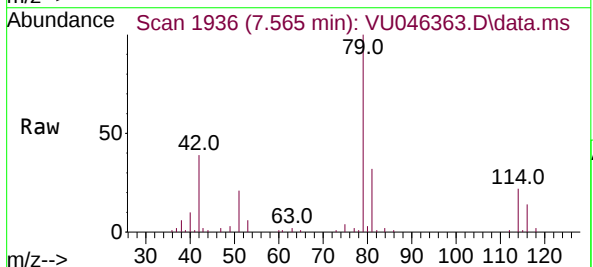
Acq: 14 Dec 2021 18:02

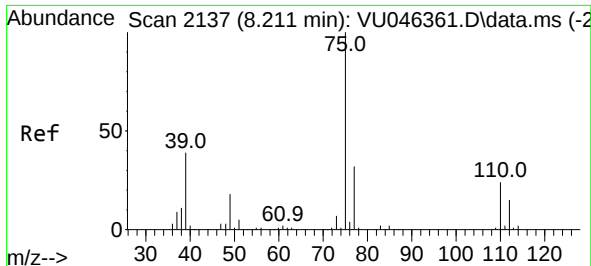
Tgt Ion: 75 Resp: 1674

Ion Ratio Lower Upper

75 100

77 53.5 21.8 40.6#

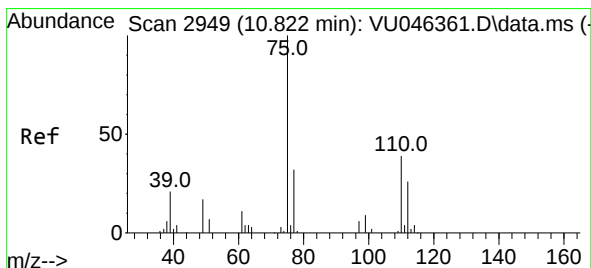
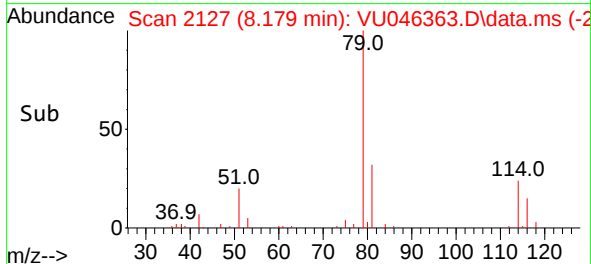
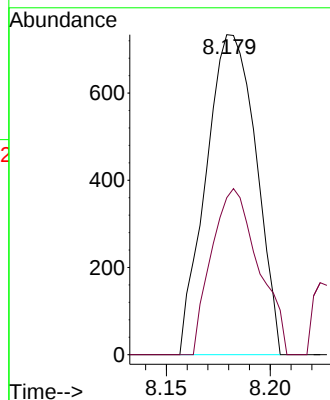
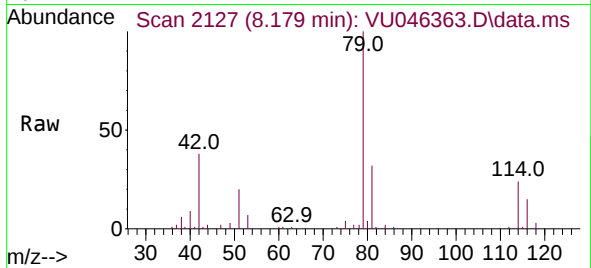




#44
trans-1,3-Dichloropropene
Concen: 0.687 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU046363.D
Acq: 14 Dec 2021 18:02

Instrument :
MSVOA_U
ClientSampleId :
VBLK063

Tgt Ion: 75 Resp: 1227
Ion Ratio Lower Upper
75 100
77 49.0 21.7 40.3#



#60
1,2,3-Trichloropropane
Concen: 5.585 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU046363.D
Acq: 14 Dec 2021 18:02

Tgt Ion: 75 Resp: 9081
Ion Ratio Lower Upper
75 100
77 32.7 26.4 39.6
110 2.8 32.4 48.6#

