

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
 Data File : VU046142.D
 Acq On : 07 Dec 2021 15:47
 Operator : SY/MD
 Sample : M4960-02 10X
 Misc : 5.25g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 08 04:53:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

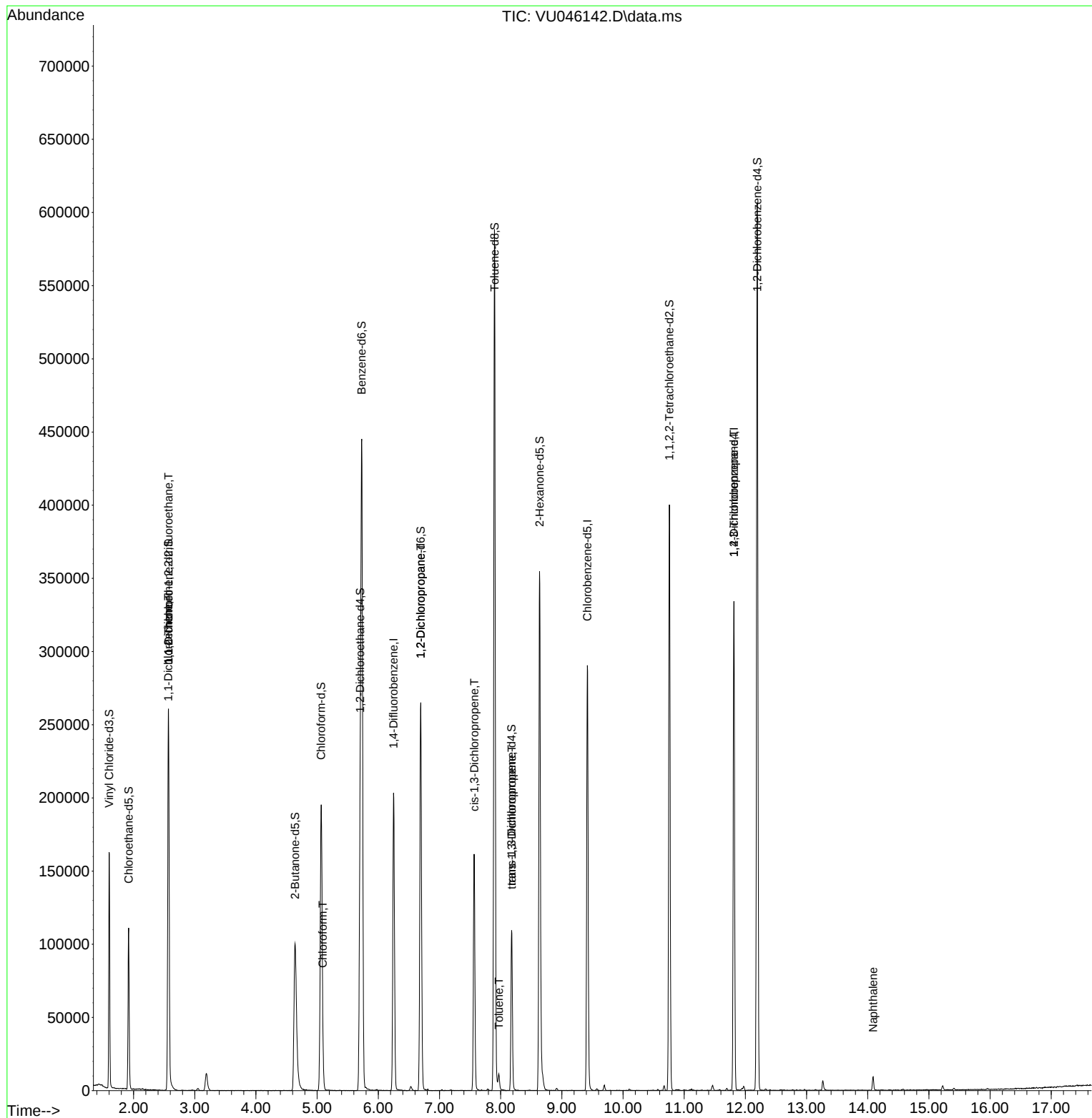
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	171636	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	166680	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	90308	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	112711	79.719	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 159.440%#		
7) Chloroethane-d5	1.919	69	80921	74.544	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 149.080%#		
11) 1,1-Dichloroethene-d2	2.572	63	155089	61.104	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 122.200%		
21) 2-Butanone-d5	4.639	46	178289	158.628	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 158.630%#		
24) Chloroform-d	5.067	84	183496	77.718	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 155.440%#		
26) 1,2-Dichloroethane-d4	5.703	65	126802	80.025	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 160.040%#		
32) Benzene-d6	5.729	84	424265	88.808	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 177.620%#		
36) 1,2-Dichloropropane-d6	6.694	67	128963	87.103	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 174.200%#		
41) Toluene-d8	7.899	98	393472	90.459	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 180.920%#		
43) trans-1,3-Dichloroprop...	8.179	79	63431	88.749	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 177.500%#		
47) 2-Hexanone-d5	8.636	63	135804	193.454	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 193.450%#		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	195836	87.218	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 174.440%#		
66) 1,2-Dichlorobenzene-d4	12.195	152	161463	92.839	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 185.680%#		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1418	1.135	ug/L #	21
12) 1,1-Dichloroethene	2.565	96	1250	1.053	ug/L #	1
25) Chloroform	5.092	83	14379	5.667	ug/L	98
37) 1,2-Dichloropropane	6.694	63	13619	10.306	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	3845	1.913	ug/L #	69
42) Toluene	7.970	91	7193	1.329	ug/L	95
44) trans-1,3-Dichloropropene	8.182	75	2671	1.353	ug/L	95
60) 1,2,3-Trichloropropane	11.812	75	9895	4.998	ug/L #	65
71) Naphthalene	14.089	128	8483	1.351	ug/L	97

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

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QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration





#10

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

Concen: 1.135 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.016 min

Lab File: VU046142.D

Acq: 07 Dec 2021 15:47

Instrument :

MSVOA_U

ClientSampleId :

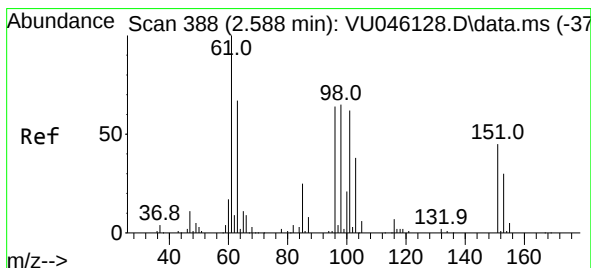
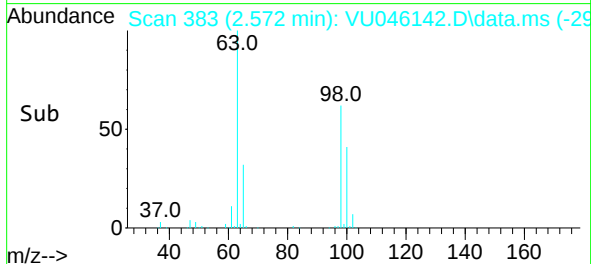
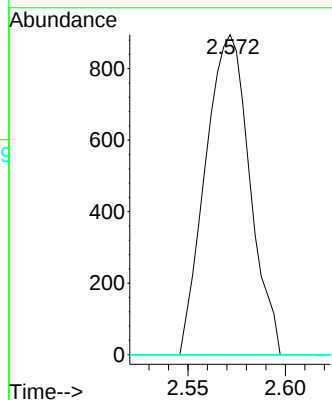
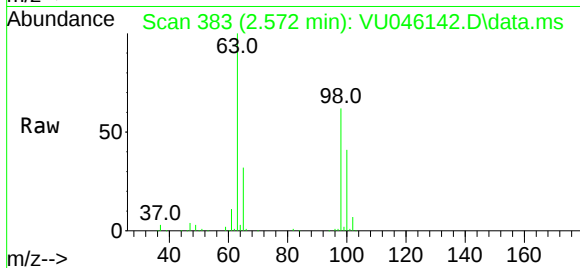
Tgt Ion:101 Resp: 1418

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: 1.053 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.019 min

Lab File: VU046142.D

Acq: 07 Dec 2021 15:47

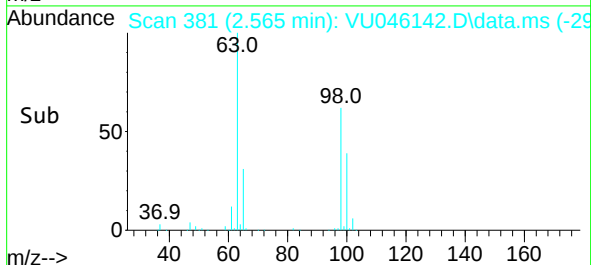
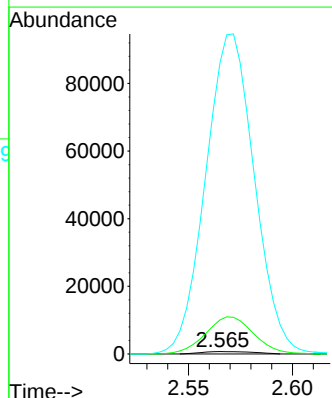
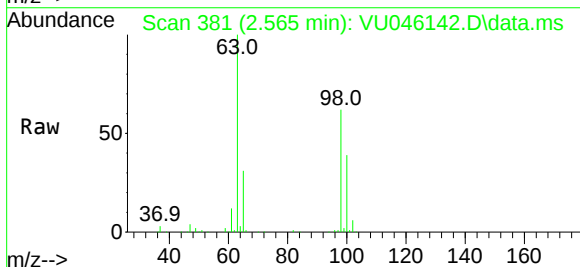
Tgt Ion: 96 Resp: 1250

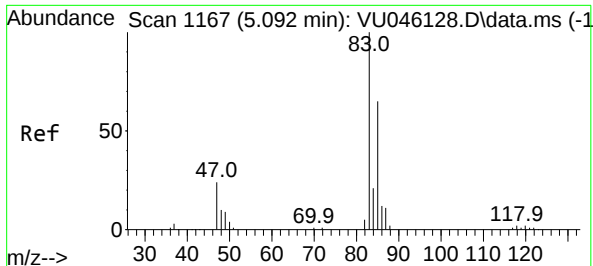
Ion Ratio Lower Upper

96 100

61 1424.0 118.6 220.2#

63 12190.1 93.0 172.8#





#25

Chloroform

Concen: 5.667 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU046142.D

Acq: 07 Dec 2021 15:47

Instrument :

MSVOA_U

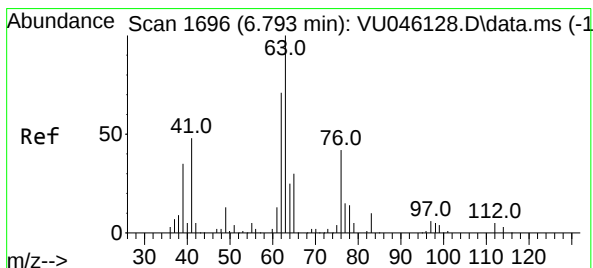
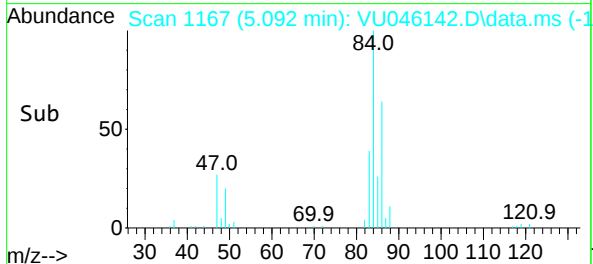
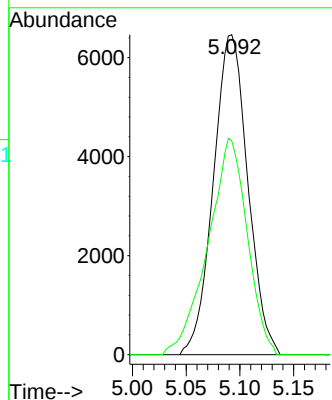
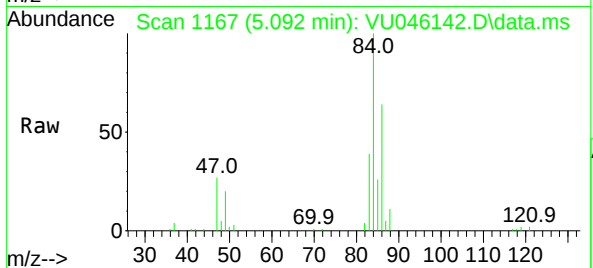
ClientSampleId :

Tgt Ion: 83 Resp: 14379

Ion Ratio Lower Upper

83 100

85 66.9 45.8 85.2



#37

1,2-Dichloropropane

Concen: 10.306 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU046142.D

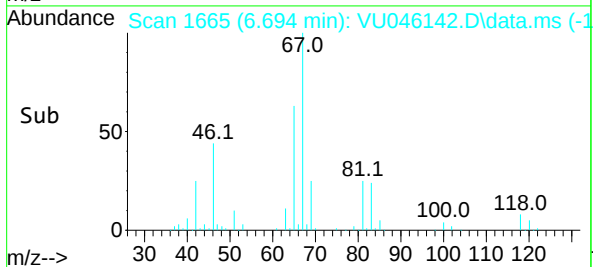
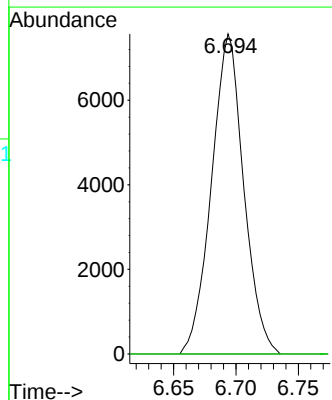
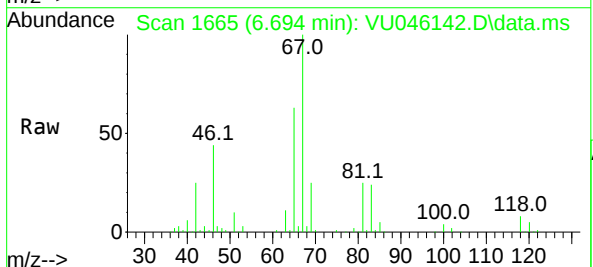
Acq: 07 Dec 2021 15:47

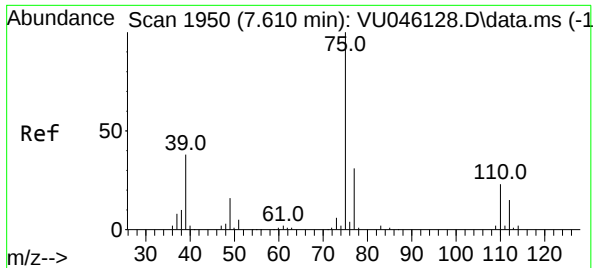
Tgt Ion: 63 Resp: 13619

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 1.913 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046142.D

Acq: 07 Dec 2021 15:47

Instrument :

MSVOA_U

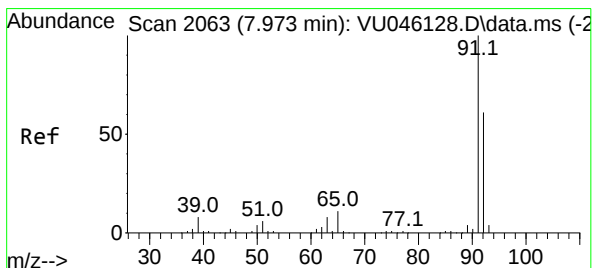
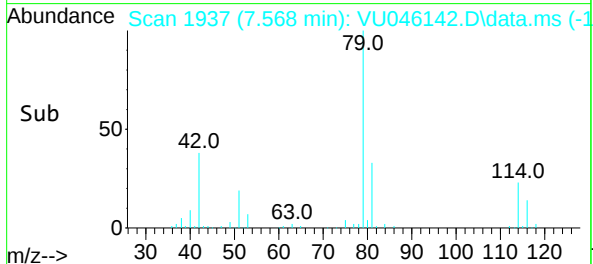
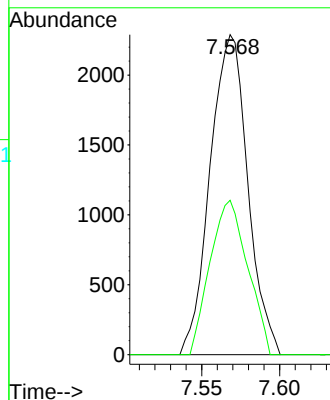
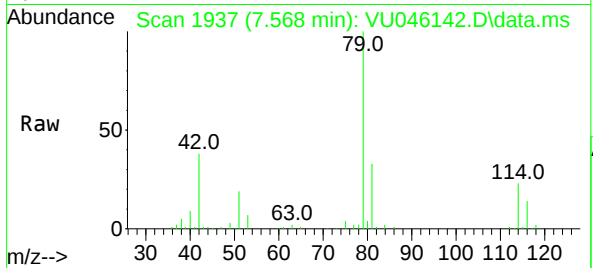
ClientSampleId :

Tgt Ion: 75 Resp: 3845

Ion Ratio Lower Upper

75 100

77 48.2 21.8 40.6#



#42

Toluene

Concen: 1.329 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU046142.D

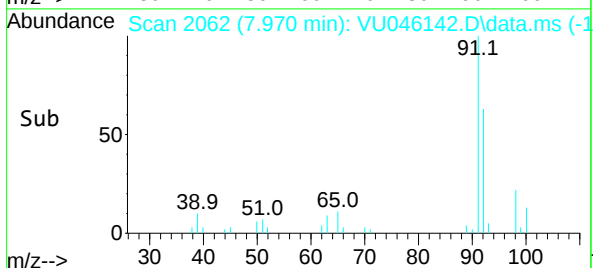
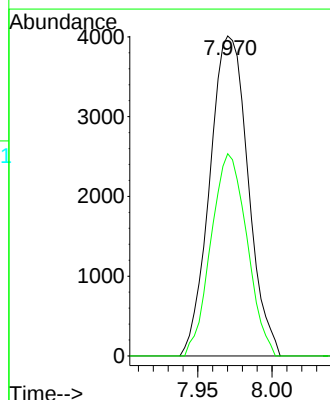
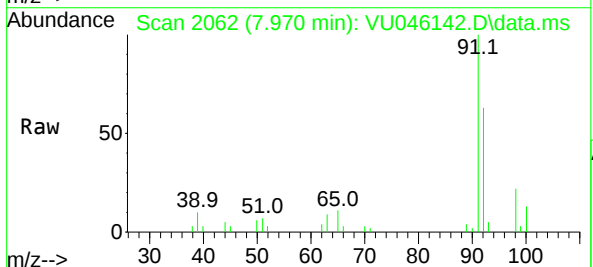
Acq: 07 Dec 2021 15:47

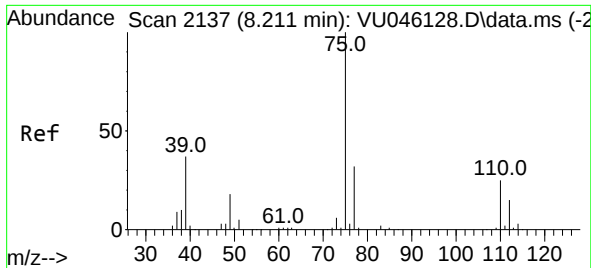
Tgt Ion: 91 Resp: 7193

Ion Ratio Lower Upper

91 100

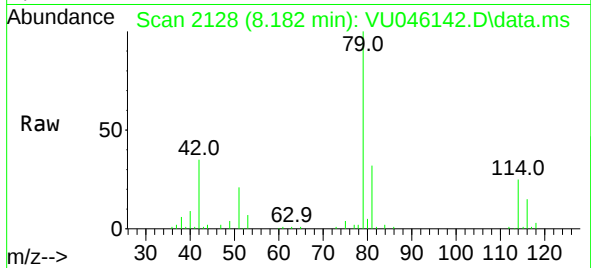
92 63.2 41.9 77.7



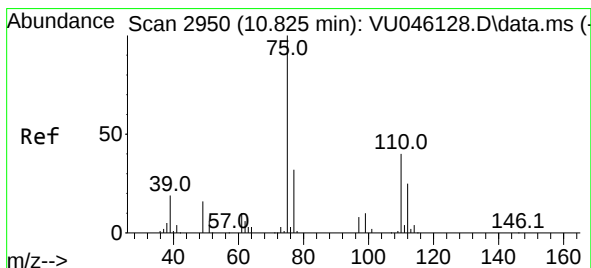
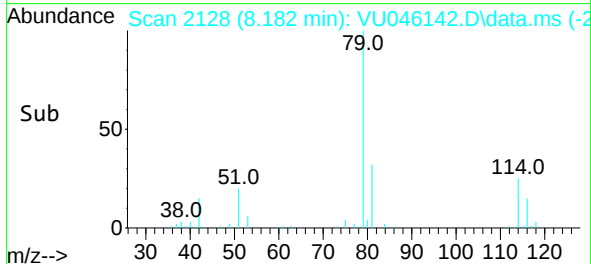
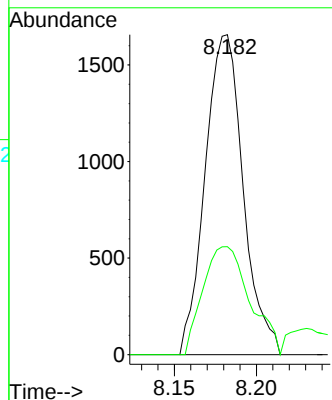


#44
trans-1,3-Dichloropropene
Concen: 1.353 ug/L
RT: 8.182 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU046142.D
Acq: 07 Dec 2021 15:47

Instrument :
MSVOA_U
ClientSampleId :

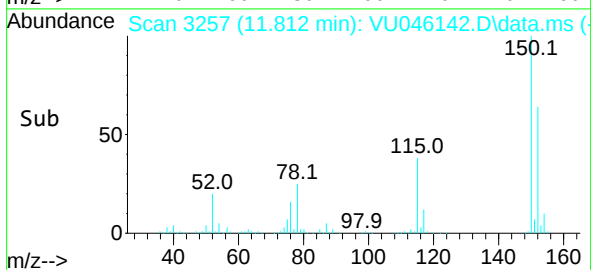
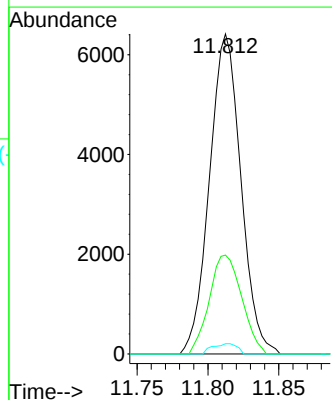
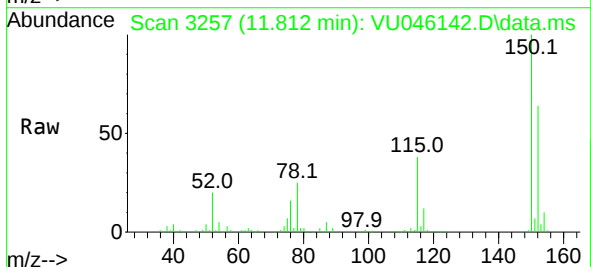


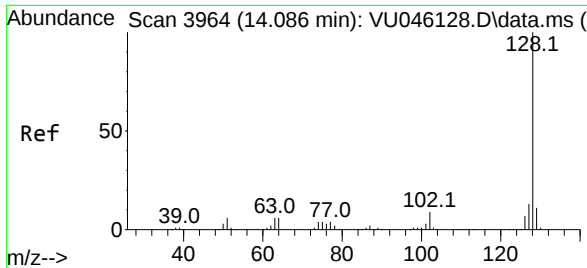
Tgt Ion: 75 Resp: 2671
Ion Ratio Lower Upper
75 100
77 33.7 21.7 40.3



#60
1,2,3-Trichloropropane
Concen: 4.998 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046142.D
Acq: 07 Dec 2021 15:47

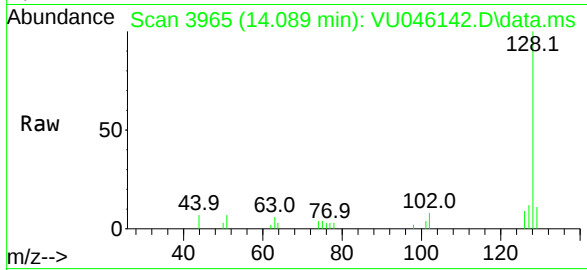
Tgt Ion: 75 Resp: 9895
Ion Ratio Lower Upper
75 100
77 31.8 26.4 39.6
110 2.5 32.4 48.6#





#71
Naphthalene
Concen: 1.351 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU046142.D
Acq: 07 Dec 2021 15:47

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	8483
Ion	Ratio	Lower	Upper
128	100		
127	11.1	10.1	15.1
129	9.8	8.6	13.0

