

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
 Data File : VU046154.D
 Acq On : 07 Dec 2021 21:03
 Operator : SY/MD
 Sample : M4887-10ME
 Misc : 5.11g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 08 08:11:35 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)

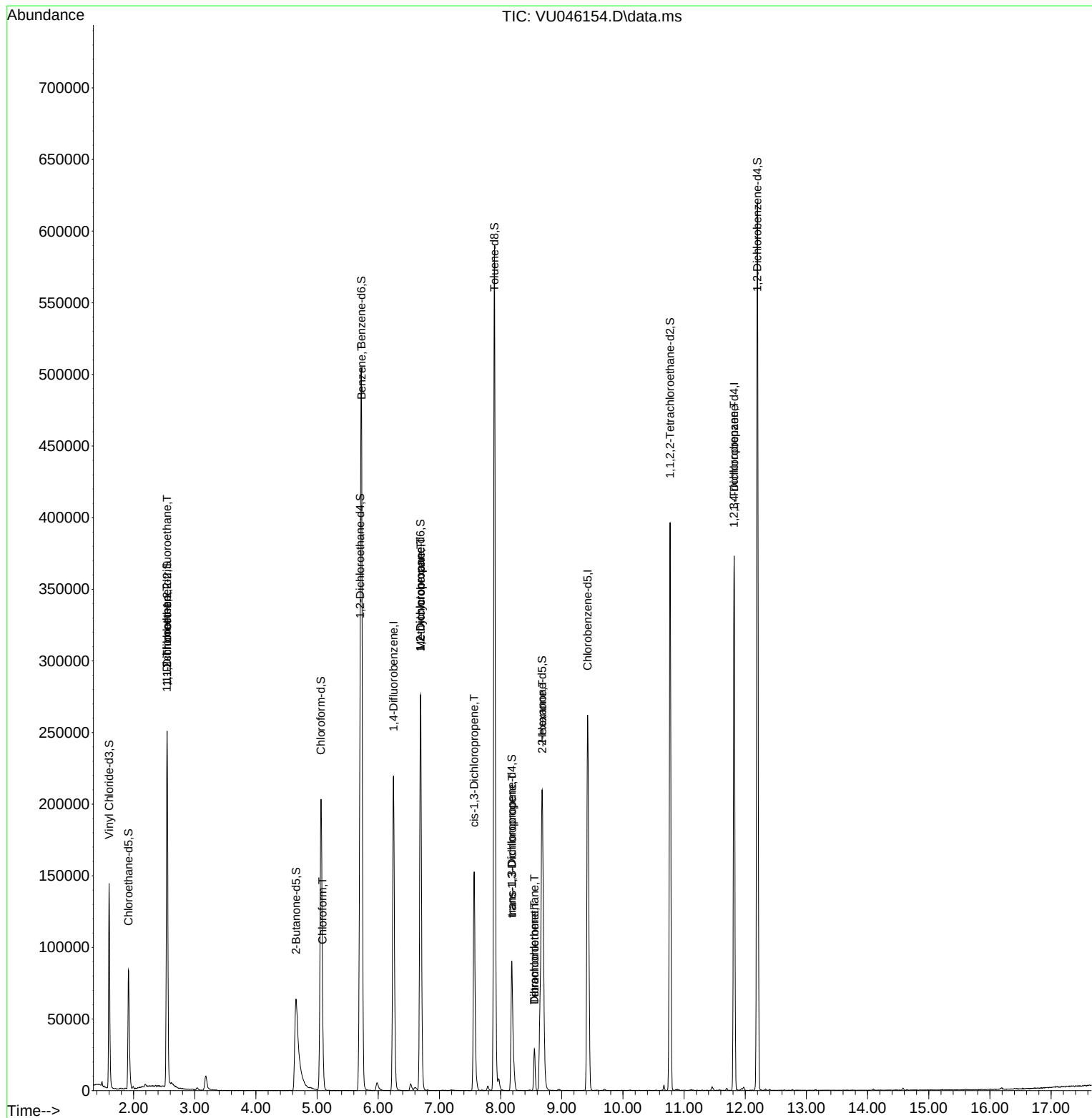
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	204603	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	199853	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	101488	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	116314	69.012	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	138.020%#	
7) Chloroethane-d5	1.916	69	78792	60.888	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	121.780%	
11) 1,1-Dichloroethene-d2	2.549	63	148710	49.150	ug/L	-0.03
Spiked Amount 50.000	Range 60	- 125	Recovery	=	98.300%	
21) 2-Butanone-d5	4.655	46	187826	140.187	ug/L	0.01
Spiked Amount 100.000	Range 40	- 130	Recovery	=	140.190%#	
24) Chloroform-d	5.063	84	200265	71.153	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	142.300%#	
26) 1,2-Dichloroethane-d4	5.703	65	139666	73.941	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	147.880%#	
32) Benzene-d6	5.726	84	455009	79.434	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	158.860%#	
36) 1,2-Dichloropropane-d6	6.690	67	140536	79.164	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	158.320%#	
41) Toluene-d8	7.899	98	427525	81.973	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	163.940%#	
43) trans-1,3-Dichloroprop...	8.182	79	71533	83.472	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	166.940%#	
47) 2-Hexanone-d5	8.677	63	143889	170.948	ug/L	0.04
Spiked Amount 100.000	Range 45	- 130	Recovery	=	170.950%#	
56) 1,1,2,2-Tetrachloroeth...	10.771	84	203009	75.405	ug/L	0.01
Spiked Amount 50.000	Range 65	- 120	Recovery	=	150.820%#	
66) 1,2-Dichlorobenzene-d4	12.198	152	168249	86.084	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	172.160%#	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.549	101	1458	0.979	ug/L #	21
12) 1,1-Dichloroethene	2.546	96	1249	0.883	ug/L #	1
25) Chloroform	5.089	83	13101	4.332	ug/L	95
33) Benzene	5.729	78	3564	0.589	ug/L	100
35) Methylcyclohexane	6.694	83	34420	13.931	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	14547	9.181	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	4035	1.674	ug/L #	71
44) trans-1,3-Dichloropropene	8.186	75	2900	1.225	ug/L #	78
46) Tetrachloroethene	8.552	164	7220	6.165	ug/L	94
48) 2-Hexanone	8.684	43	17329	8.323	ug/L #	56
49) Dibromochloromethane	8.552	129	6910	4.139	ug/L #	10
60) 1,2,3-Trichloropropane	11.816	75	11740	5.277	ug/L #	65

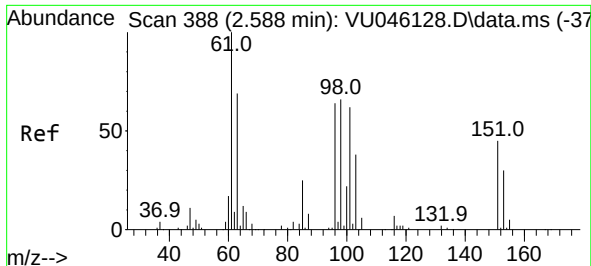
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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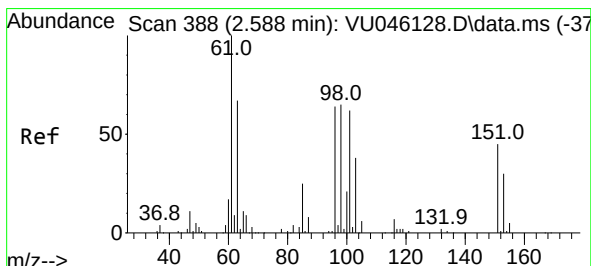
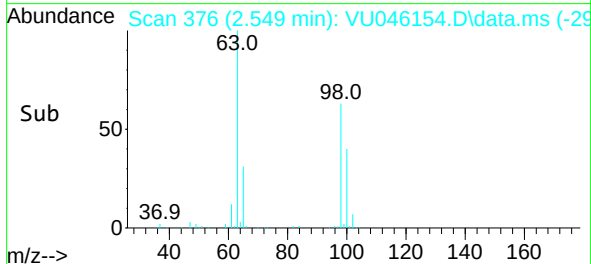
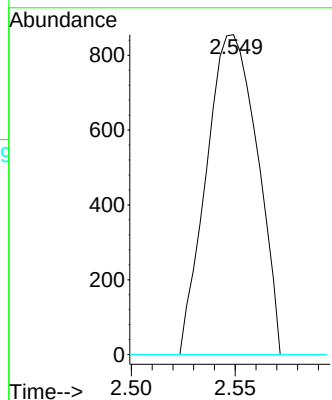
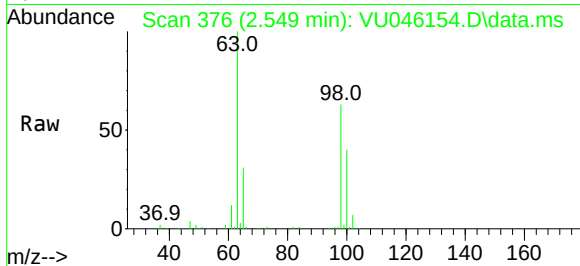




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.979 ug/L
RT: 2.549 min Scan# 31
Delta R.T. -0.039 min
Lab File: VU046154.D
Acq: 07 Dec 2021 21:03

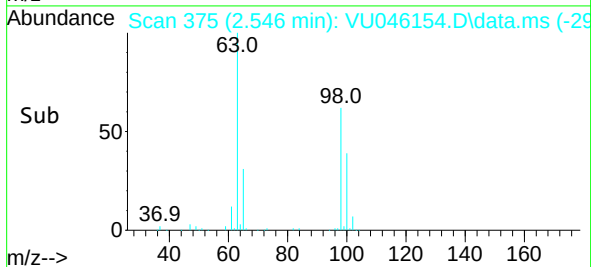
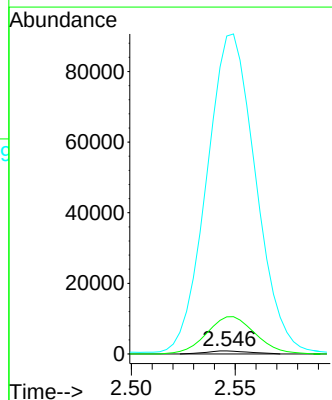
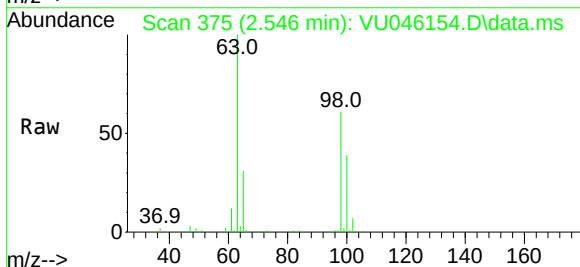
Instrument :
MSVOA_U
ClientSampleId :

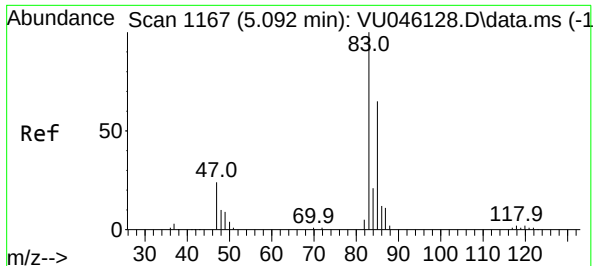
Tgt Ion:101 Resp: 1458
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.883 ug/L
RT: 2.546 min Scan# 375
Delta R.T. -0.039 min
Lab File: VU046154.D
Acq: 07 Dec 2021 21:03

Tgt Ion: 96 Resp: 1249
Ion Ratio Lower Upper
96 100
61 1193.6 118.6 220.2#
63 10230.9 93.0 172.8#





#25

Chloroform

Concen: 4.332 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU046154.D

Acq: 07 Dec 2021 21:03

Instrument :

MSVOA_U

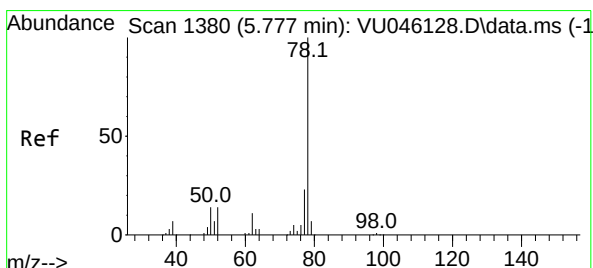
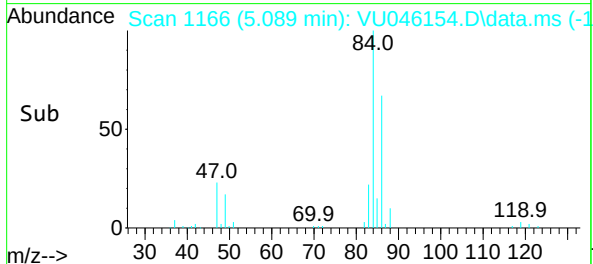
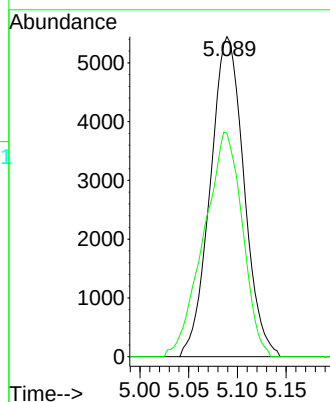
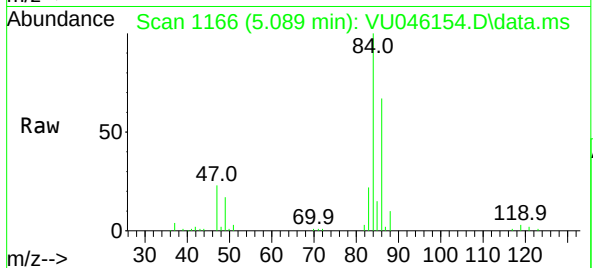
ClientSampleId :

Tgt Ion: 83 Resp: 13101

Ion Ratio Lower Upper

83 100

85 69.8 45.8 85.2



#33

Benzene

Concen: 0.589 ug/L

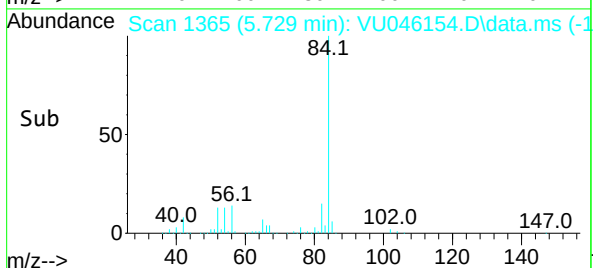
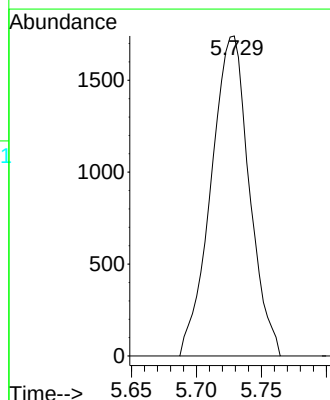
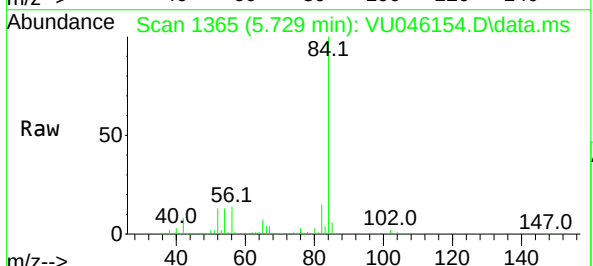
RT: 5.729 min Scan# 1365

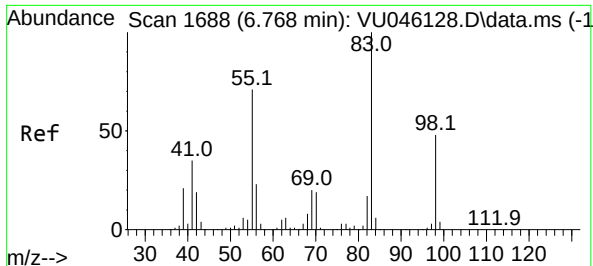
Delta R.T. -0.051 min

Lab File: VU046154.D

Acq: 07 Dec 2021 21:03

Tgt Ion: 78 Resp: 3564

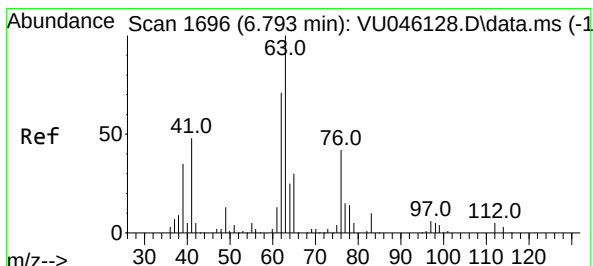
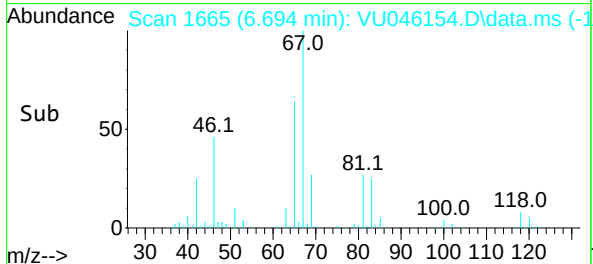
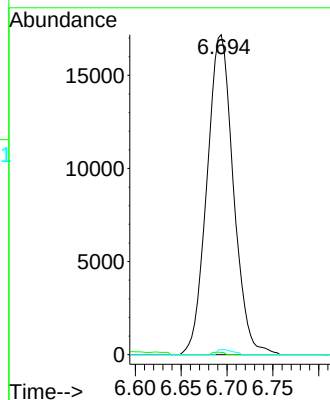
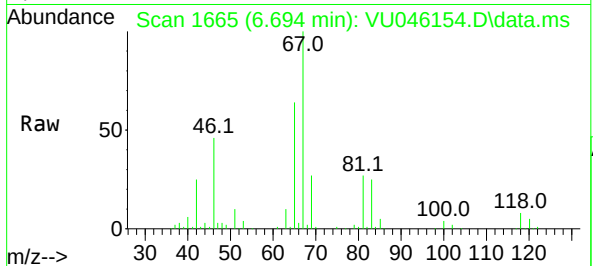




#35
Methylcyclohexane
Concen: 13.931 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046154.D
Acq: 07 Dec 2021 21:03

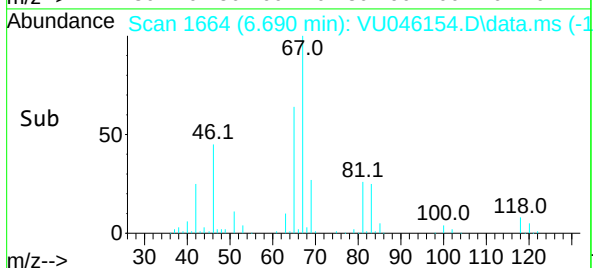
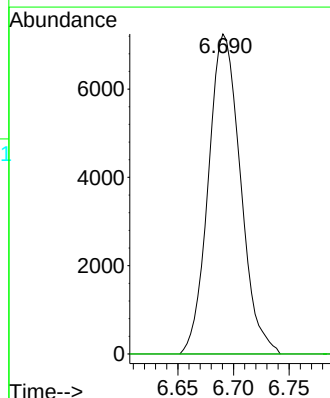
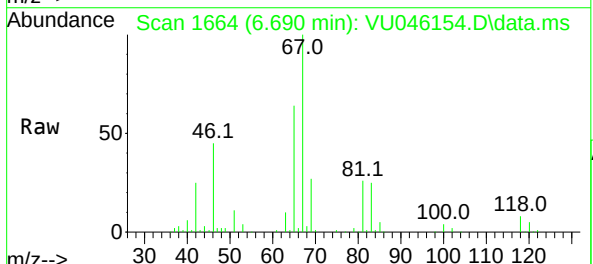
Instrument :
MSVOA_U
ClientSampleId :

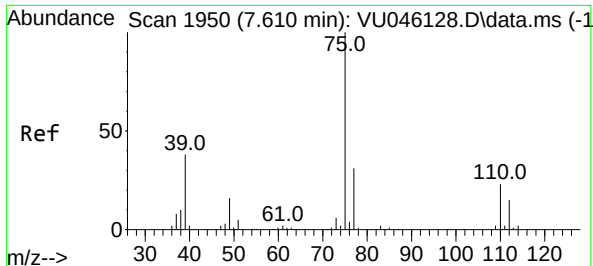
Tgt Ion: 83 Resp: 34420
Ion Ratio Lower Upper
83 100
55 0.3 57.8 86.6#
98 0.9 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 9.181 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU046154.D
Acq: 07 Dec 2021 21:03

Tgt Ion: 63 Resp: 14547
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 1.674 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046154.D

Acq: 07 Dec 2021 21:03

Instrument :

MSVOA_U

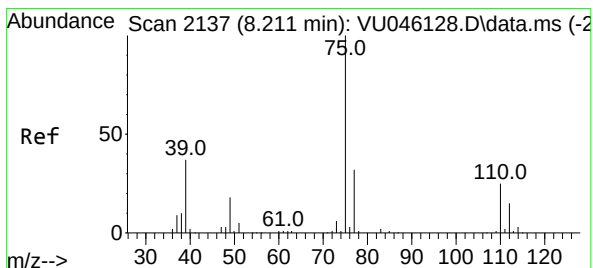
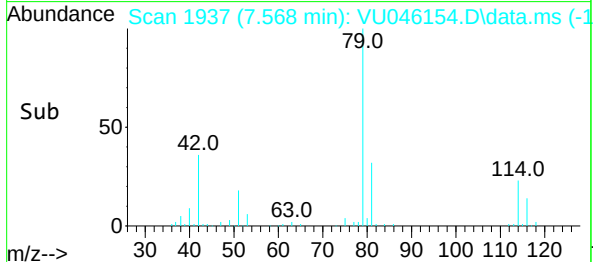
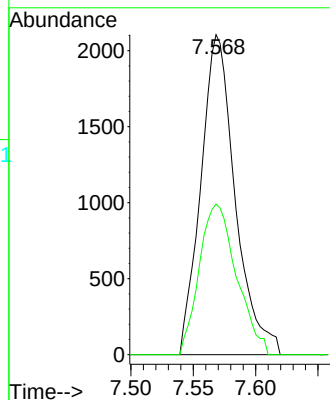
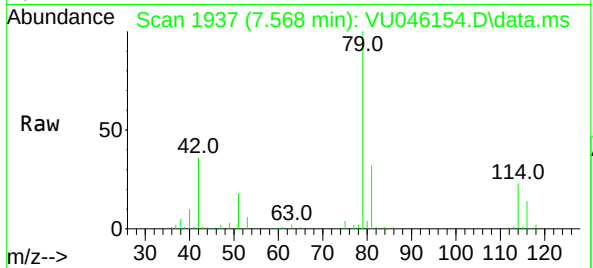
ClientSampleId :

Tgt Ion: 75 Resp: 4035

Ion Ratio Lower Upper

75 100

77 47.0 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 1.225 ug/L

RT: 8.186 min Scan# 2129

Delta R.T. -0.029 min

Lab File: VU046154.D

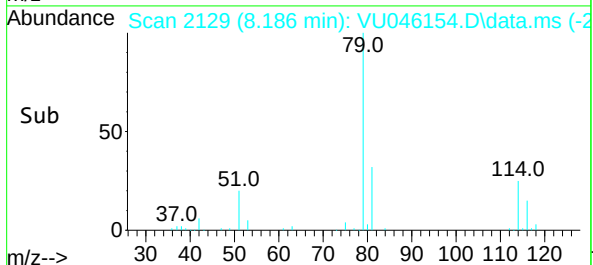
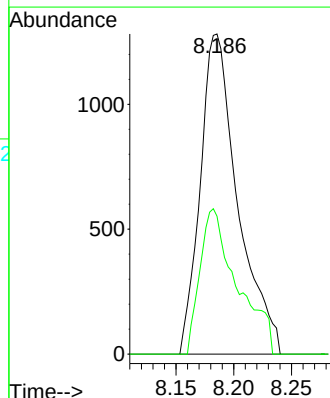
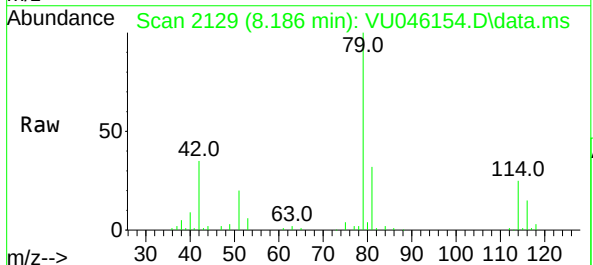
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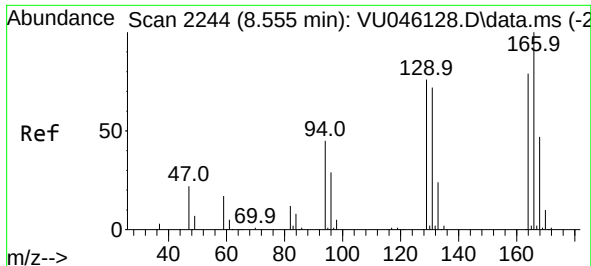
Tgt Ion: 75 Resp: 2900

Ion Ratio Lower Upper

75 100

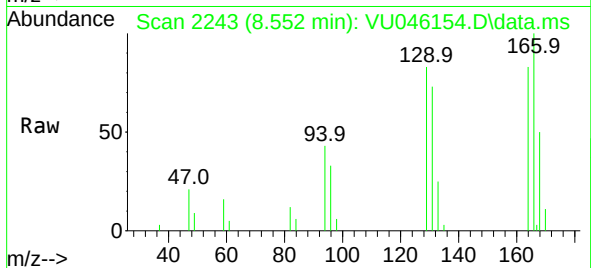
77 43.1 21.7 40.3#





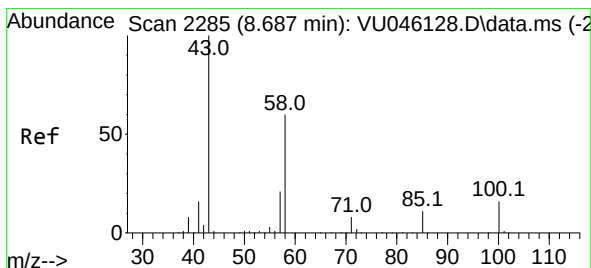
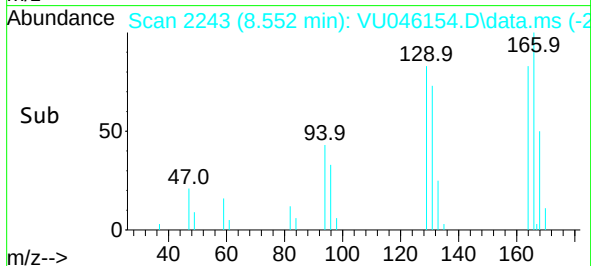
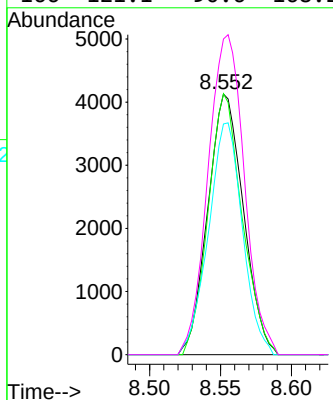
#46
Tetrachloroethene
Concen: 6.165 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046154.D
Acq: 07 Dec 2021 21:03

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 7220

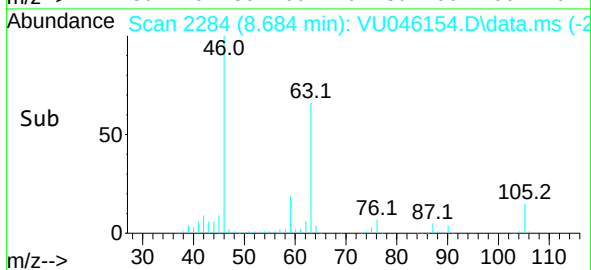
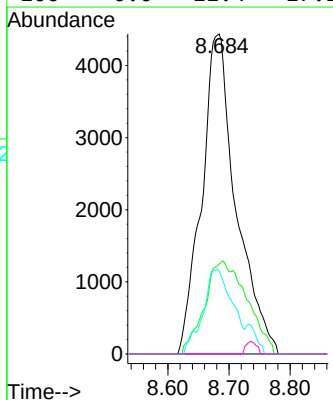
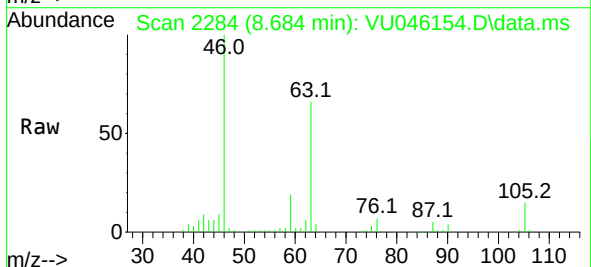
Ion	Ratio	Lower	Upper
164	100		
129	100.1	71.1	132.1
131	88.5	67.8	126.0
166	121.1	90.6	168.2

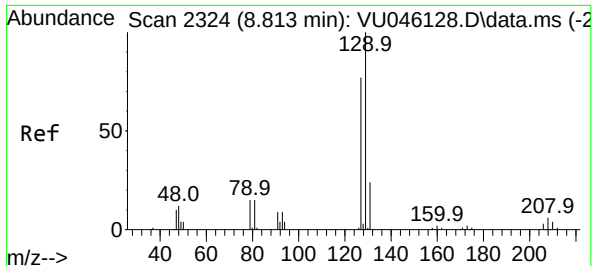


#48
2-Hexanone
Concen: 8.323 ug/L
RT: 8.684 min Scan# 2284
Delta R.T. -0.003 min
Lab File: VU046154.D
Acq: 07 Dec 2021 21:03

Tgt Ion: 43 Resp: 17329

Ion	Ratio	Lower	Upper
43	100		
58	21.4	47.4	71.2#
57	5.3	16.6	25.0#
100	0.0	11.4	17.2#





#49

Dibromochloromethane

Concen: 4.139 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.260 min

Lab File: VU046154.D

Acq: 07 Dec 2021 21:03

Instrument :

MSVOA_U

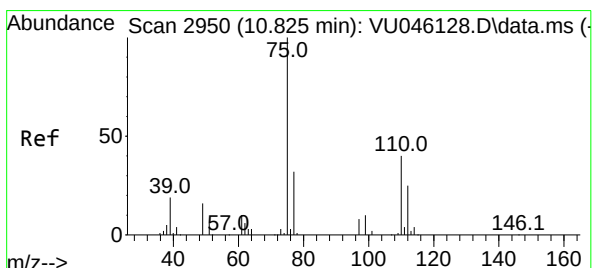
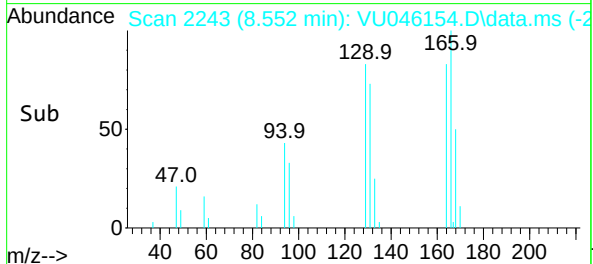
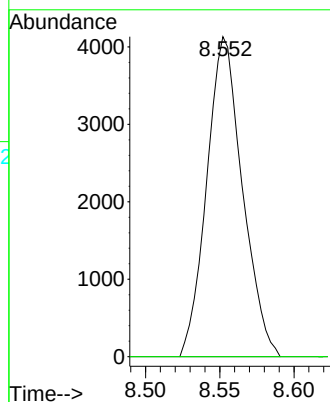
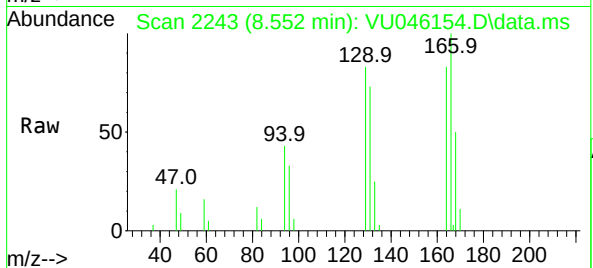
ClientSampleId :

Tgt Ion:129 Resp: 6910

Ion Ratio Lower Upper

129 100

127 0.0 55.6 103.4#



#60

1,2,3-Trichloropropane

Concen: 5.277 ug/L

RT: 11.816 min Scan# 3258

Delta R.T. 0.990 min

Lab File: VU046154.D

Acq: 07 Dec 2021 21:03

Tgt Ion: 75 Resp: 11740

Ion Ratio Lower Upper

75 100

77 32.1 26.4 39.6

110 2.1 32.4 48.6#

