

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
 Data File : VU046124.D
 Acq On : 06 Dec 2021 20:12
 Operator : SY/MD
 Sample : M4883-16ME
 Misc : 5.16g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 07 01:13:42 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)

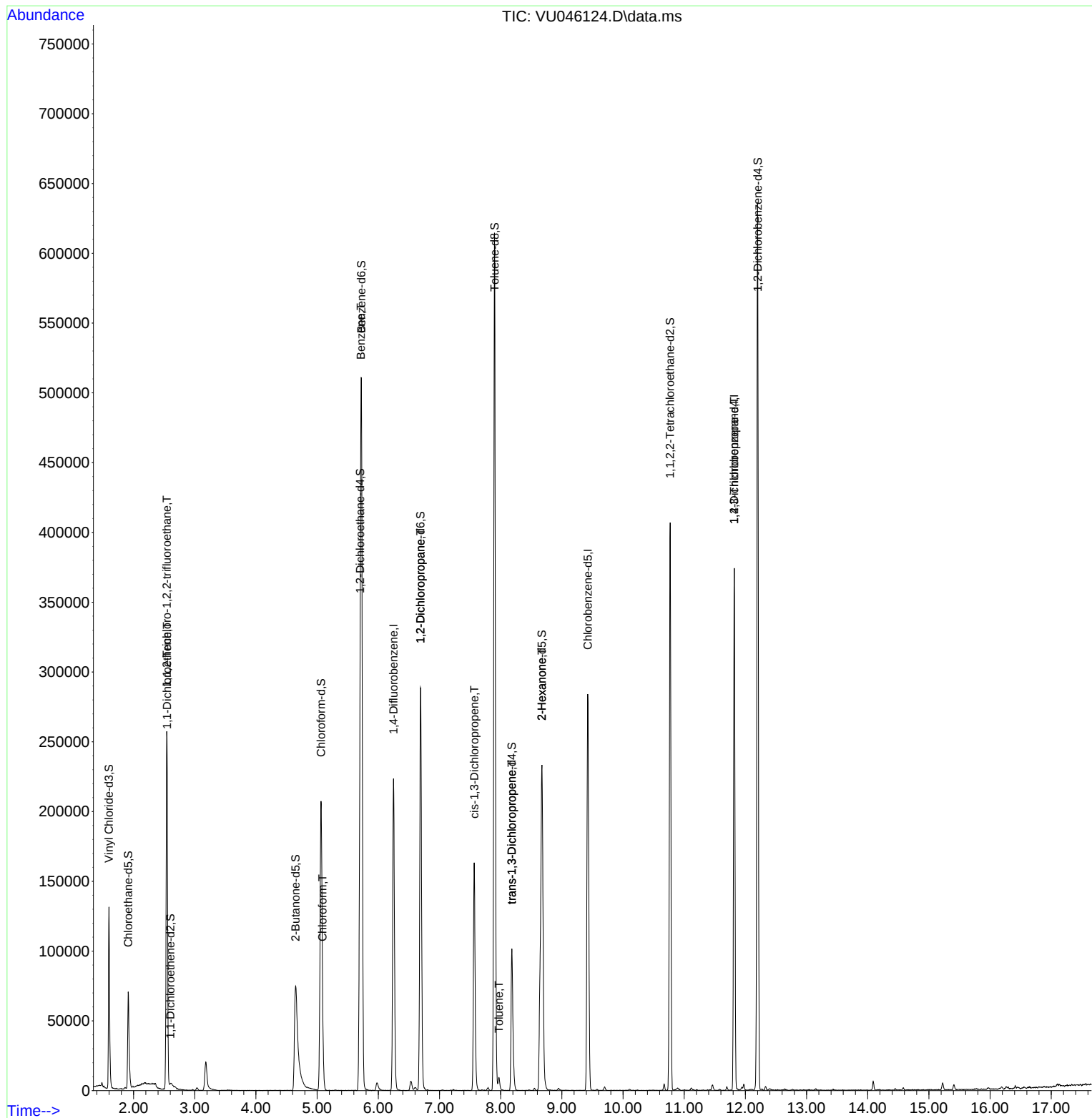
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	202493	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	198235	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	101028	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	107038	64.170	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 128.340%		
7) Chloroethane-d5	1.912	69	64282	50.193	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 100.380%		
11) 1,1-Dichloroethene-d2	2.604	63	383	0.128	ug/L	0.03
Spiked Amount	50.000	Range 60 - 125	Recovery	= 0.260%#		
21) 2-Butanone-d5	4.649	46	192195	144.943	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 144.940%#		
24) Chloroform-d	5.063	84	201388	72.298	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 144.600%#		
26) 1,2-Dichloroethane-d4	5.703	65	144261	77.170	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 154.340%#		
32) Benzene-d6	5.723	84	468902	82.528	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 165.060%#		
36) 1,2-Dichloropropane-d6	6.690	67	146728	83.327	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 166.660%#		
41) Toluene-d8	7.899	98	436231	84.325	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 168.640%#		
43) trans-1,3-Dichloroprop...	8.182	79	72945	85.814	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 171.620%#		
47) 2-Hexanone-d5	8.674	63	149368	178.906	ug/L	0.04
Spiked Amount	100.000	Range 45 - 130	Recovery	= 178.910%#		
56) 1,1,2,2-Tetrachloroeth...	10.771	84	207567	77.728	ug/L	0.01
Spiked Amount	50.000	Range 65 - 120	Recovery	= 155.460%#		
66) 1,2-Dichlorobenzene-d4	12.201	152	171832	88.317	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 176.640%#		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.543	101	1361	0.924	ug/L #	21
12) 1,1-Dichloroethene	2.549	96	1231	0.879	ug/L #	1
25) Chloroform	5.089	83	21105	7.051	ug/L	99
33) Benzene	5.716	78	3667	0.611	ug/L	100
37) 1,2-Dichloropropane	6.690	63	15574	9.909	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	4353	1.821	ug/L #	68
42) Toluene	7.970	91	7695	1.195	ug/L	96
44) trans-1,3-Dichloropropene	8.182	75	3128	1.332	ug/L	89
48) 2-Hexanone	8.674	43	15742	7.623	ug/L #	58
60) 1,2,3-Trichloropropane	11.819	75	11173	5.045	ug/L #	65

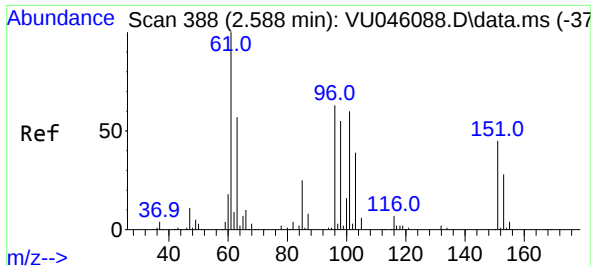
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
Data File : VU046124.D
Acq On : 06 Dec 2021 20:12
Operator : SY/MD
Sample : M4883-16ME
Misc : 5.16g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 07 01:13:42 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

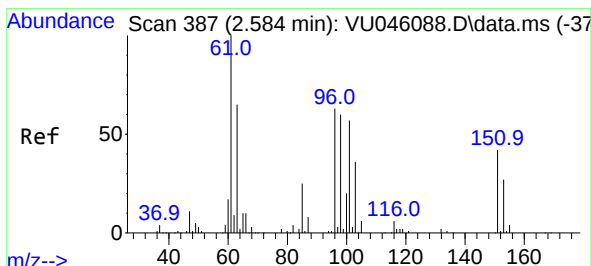
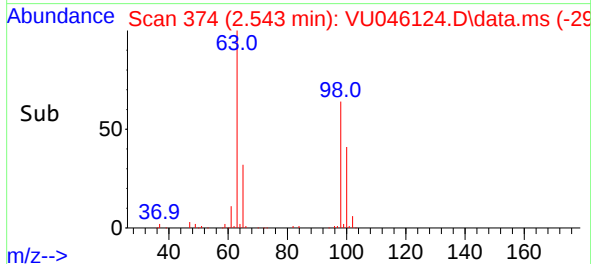
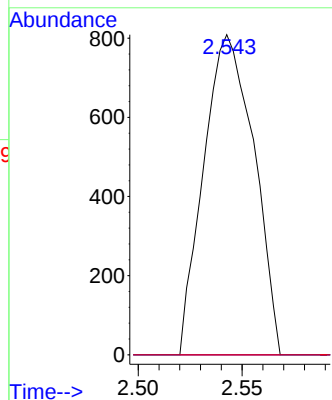
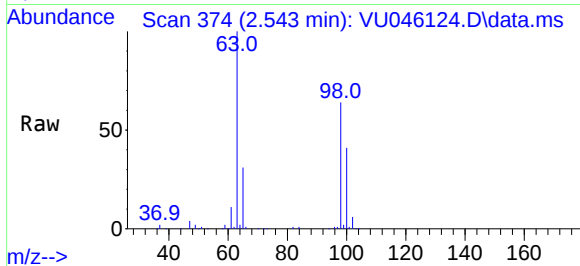




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.924 ug/L
RT: 2.543 min Scan# 31
Delta R.T. -0.045 min
Lab File: VU046124.D
Acq: 06 Dec 2021 20:12

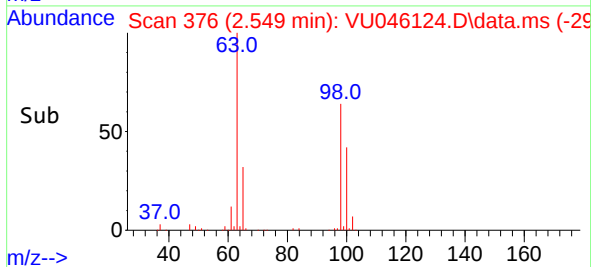
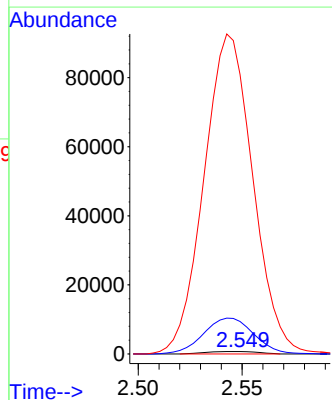
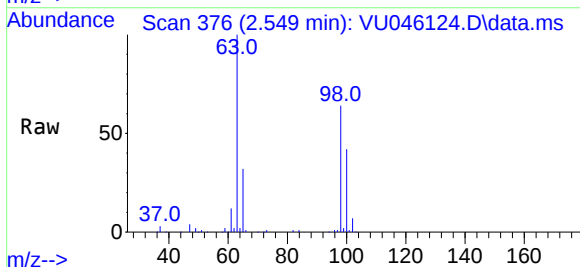
Instrument :
MSVOA_U
ClientSampleId :

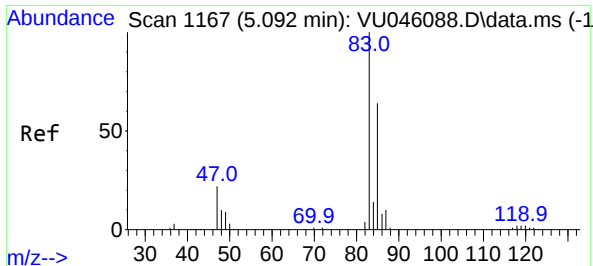
Tgt Ion:101 Resp: 1361
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.879 ug/L
RT: 2.549 min Scan# 376
Delta R.T. -0.035 min
Lab File: VU046124.D
Acq: 06 Dec 2021 20:12

Tgt Ion: 96 Resp: 1231
Ion Ratio Lower Upper
96 100
61 1374.6 118.6 220.2#
63 11835.1 93.0 172.8#





#25

Chloroform

Concen: 7.051 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU046124.D

Acq: 06 Dec 2021 20:12

Instrument :

MSVOA_U

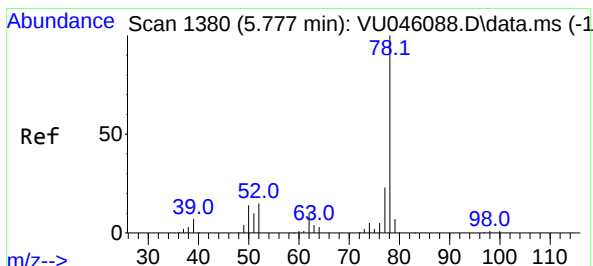
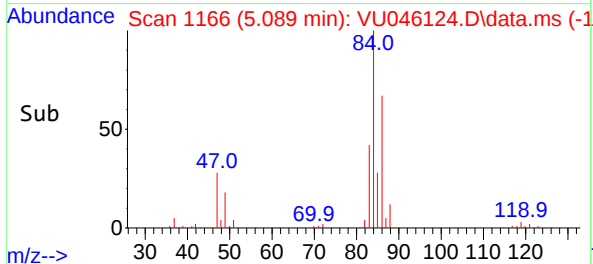
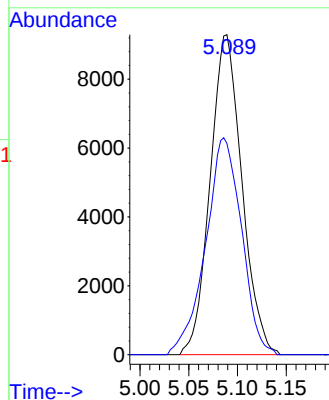
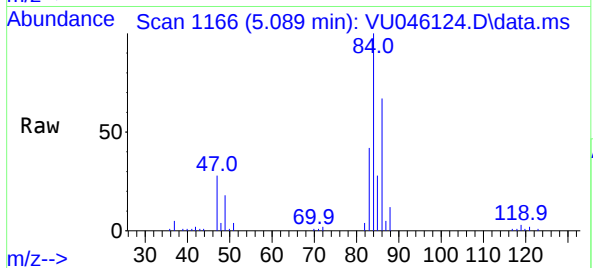
ClientSampleId :

Tgt Ion: 83 Resp: 21105

Ion Ratio Lower Upper

83 100

85 66.0 45.8 85.2



#33

Benzene

Concen: 0.611 ug/L

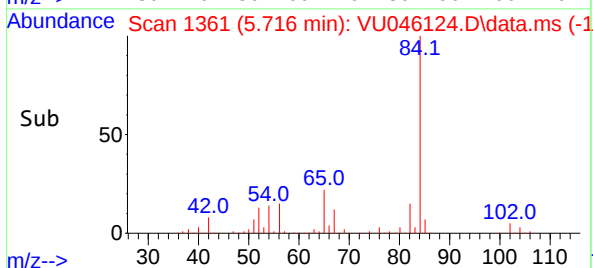
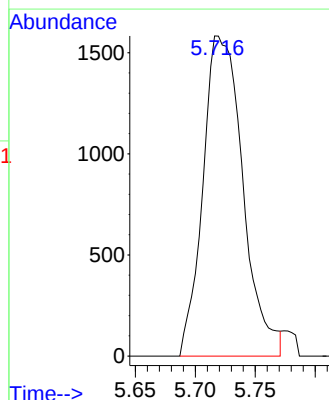
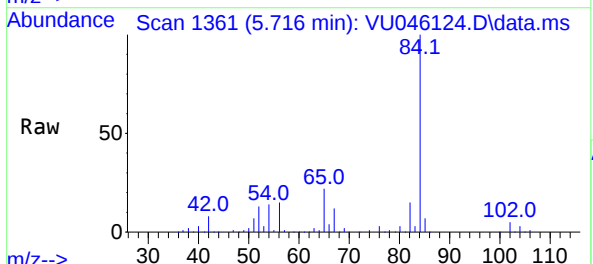
RT: 5.716 min Scan# 1361

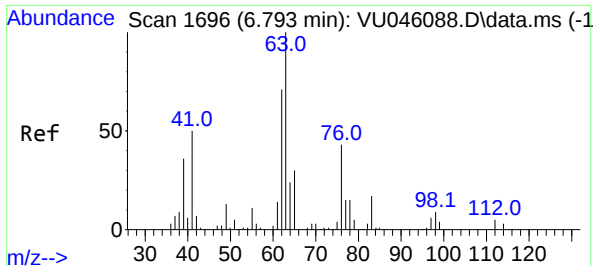
Delta R.T. -0.064 min

Lab File: VU046124.D

Acq: 06 Dec 2021 20:12

Tgt Ion: 78 Resp: 3667

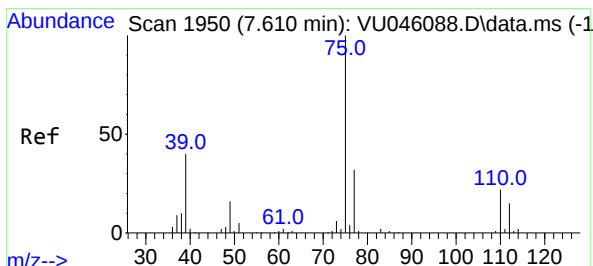
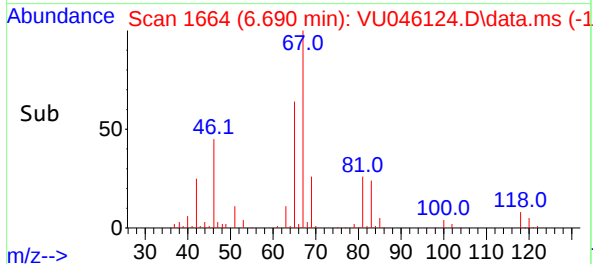
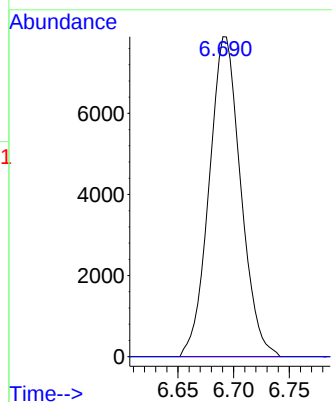
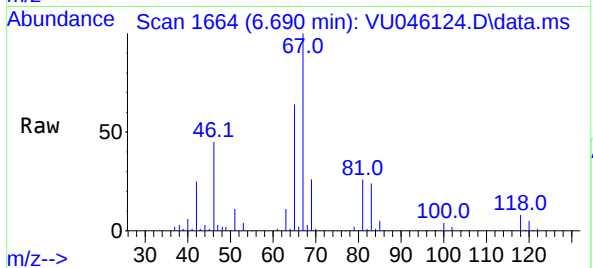




#37
1,2-Dichloropropane
Concen: 9.909 ug/L
RT: 6.690 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU046124.D
Acq: 06 Dec 2021 20:12

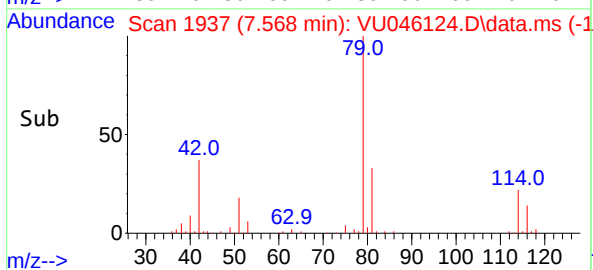
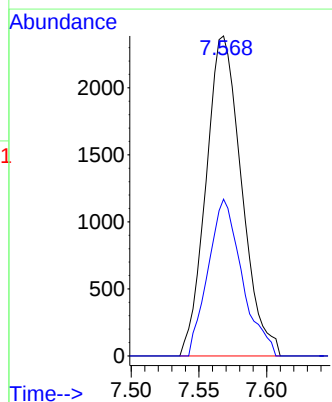
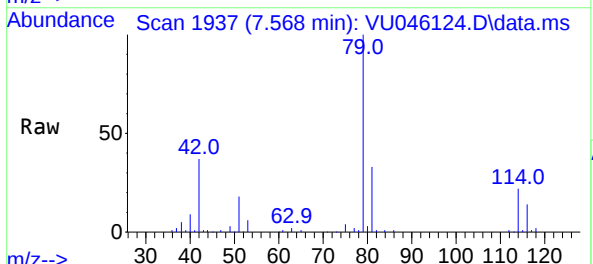
Instrument :
MSVOA_U
ClientSampleId :

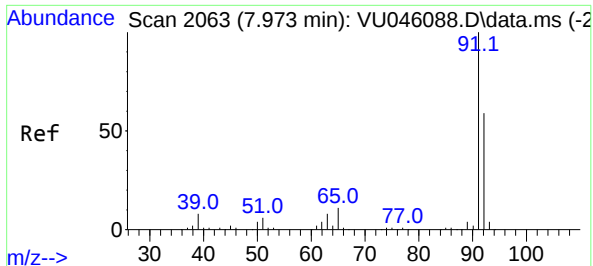
Tgt Ion: 63 Resp: 15574
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#39
cis-1,3-Dichloropropene
Concen: 1.821 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU046124.D
Acq: 06 Dec 2021 20:12

Tgt Ion: 75 Resp: 4353
Ion Ratio Lower Upper
75 100
77 49.0 21.8 40.6#





#42

Toluene

Concen: 1.195 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU046124.D

Acq: 06 Dec 2021 20:12

Instrument :

MSVOA_U

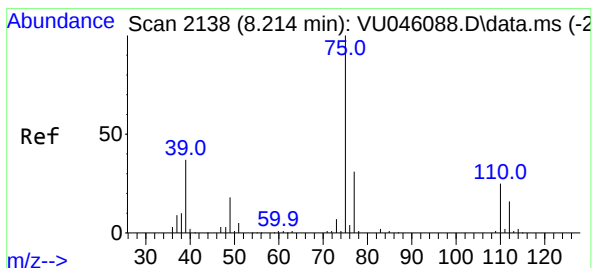
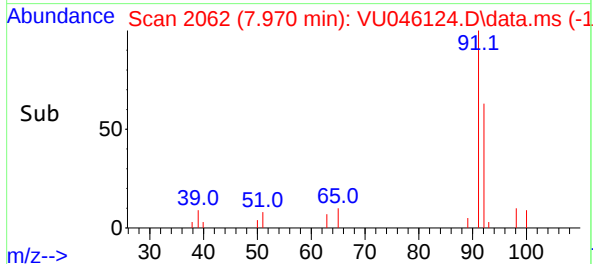
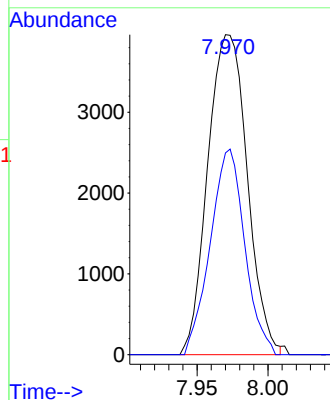
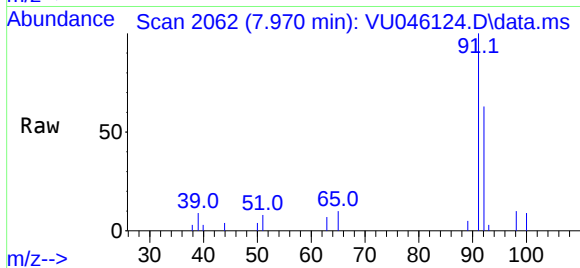
ClientSampleId :

Tgt Ion: 91 Resp: 7695

Ion Ratio Lower Upper

91 100

92 63.0 41.9 77.7



#44

trans-1,3-Dichloropropene

Concen: 1.332 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.032 min

Lab File: VU046124.D

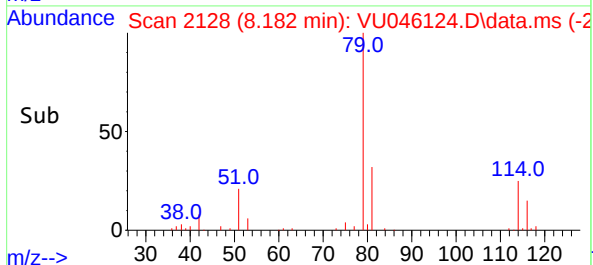
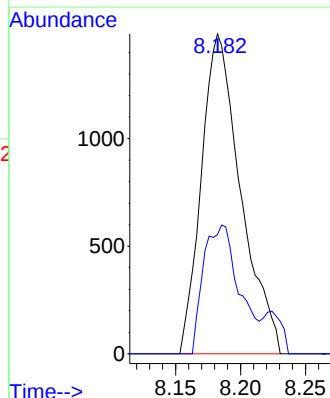
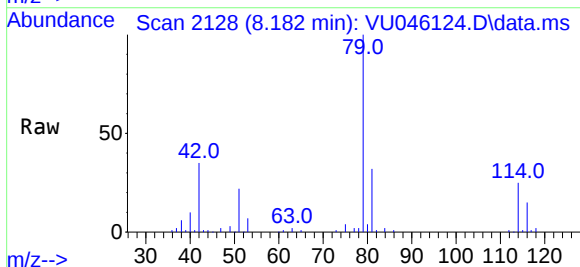
Acq: 06 Dec 2021 20:12

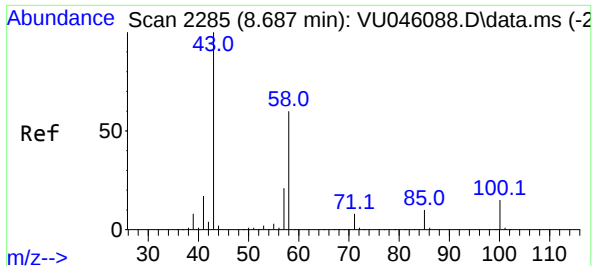
Tgt Ion: 75 Resp: 3128

Ion Ratio Lower Upper

75 100

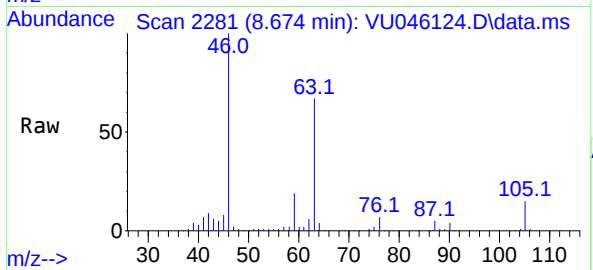
77 37.3 21.7 40.3



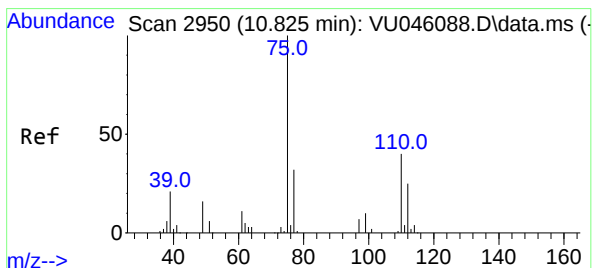
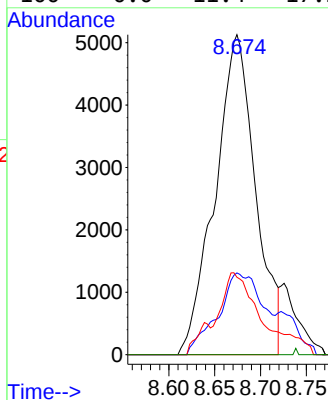
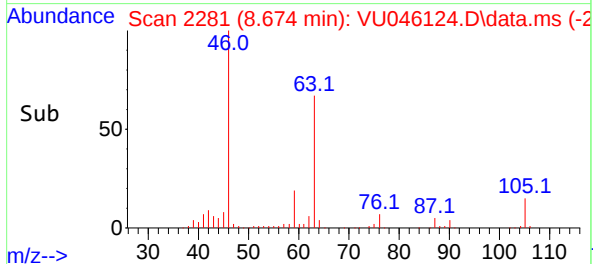


#48
2-Hexanone
Concen: 7.623 ug/L
RT: 8.674 min Scan# 21
Delta R.T. -0.013 min
Lab File: VU046124.D
Acq: 06 Dec 2021 20:12

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 15742
Ion Ratio Lower Upper
43 100
58 17.6 47.4 71.2#
57 17.2 16.6 25.0
100 0.0 11.4 17.2#



#60
1,2,3-Trichloropropane
Concen: 5.045 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.993 min
Lab File: VU046124.D
Acq: 06 Dec 2021 20:12

Tgt Ion: 75 Resp: 11173
Ion Ratio Lower Upper
75 100
77 34.1 26.4 39.6
110 1.7 32.4 48.6#

