

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
 Data File : VU047976.D
 Acq On : 12 Apr 2022 23:15
 Operator : SY/MD
 Sample : N2345-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 13 04:51:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 13 04:40:51 2022
 Response via : Initial Calibration

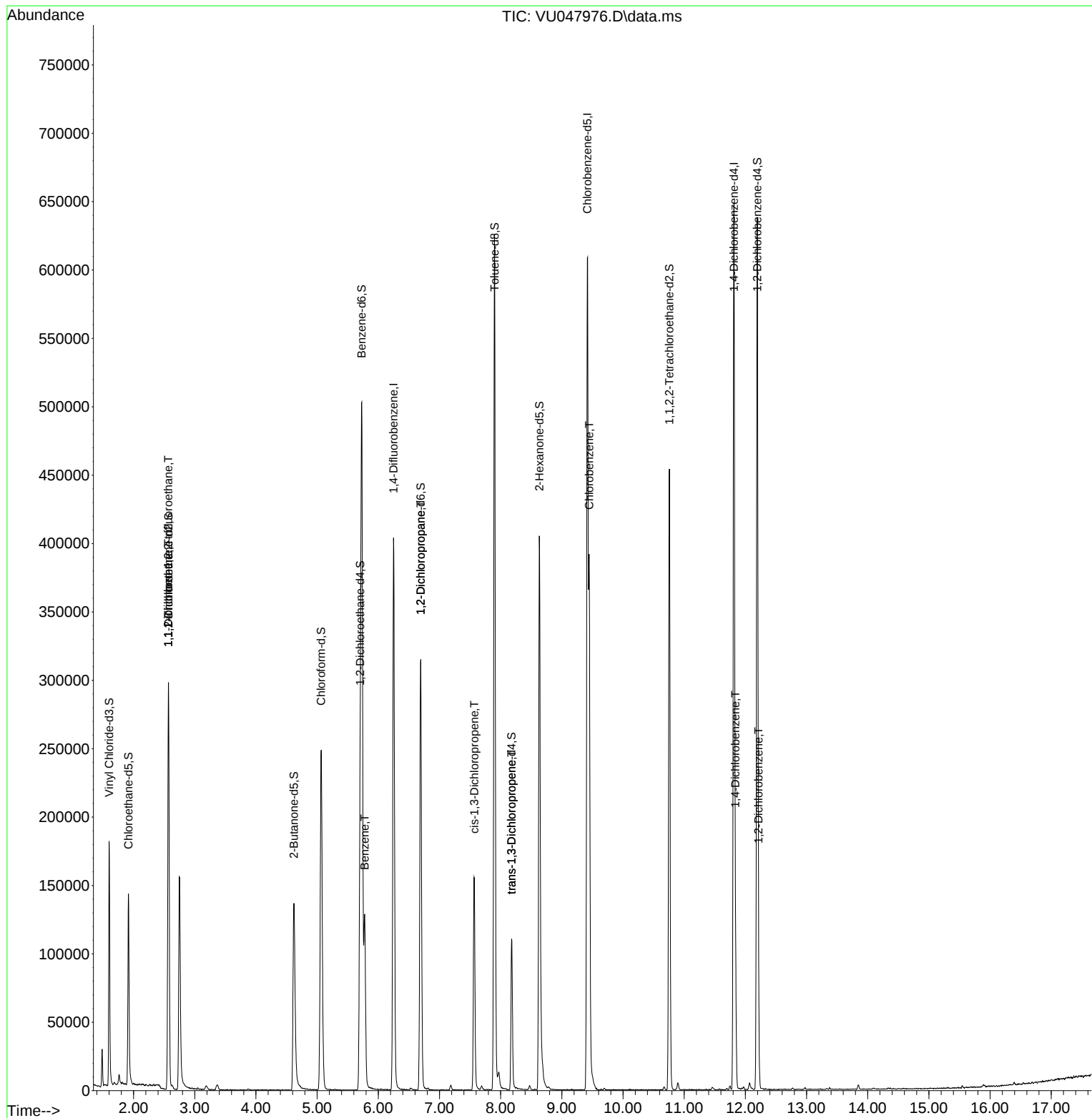
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	346466	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	362716	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	184941	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	130212	51.827	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 103.660%		
7) Chloroethane-d5	1.916	69	109244	55.144	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 110.280%		
11) 1,1-Dichloroethene-d2	2.572	63	168504	36.657	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 73.320%		
21) 2-Butanone-d5	4.620	46	200597	93.020	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 93.020%		
24) Chloroform-d	5.067	84	231742	50.410	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 100.820%		
26) 1,2-Dichloroethane-d4	5.703	65	150152	53.255	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 106.500%		
32) Benzene-d6	5.729	84	475876	52.140	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 104.280%		
36) 1,2-Dichloropropane-d6	6.694	67	152564	54.429	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 108.860%		
41) Toluene-d8	7.899	98	425213	47.818	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 95.640%		
43) trans-1,3-Dichloroprop...	8.179	79	63210	44.513	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 89.020%		
47) 2-Hexanone-d5	8.633	63	146216	89.109	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 89.110%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	226957	47.181	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 94.360%		
66) 1,2-Dichlorobenzene-d4	12.195	152	179091	54.430	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 108.860%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1698	0.665	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1414	0.595	ug/L #	1
33) Benzene	5.777	78	123700	11.782	ug/L	100
37) 1,2-Dichloropropane	6.694	63	15210	5.699	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	3915	0.945	ug/L #	68
44) trans-1,3-Dichloropropene	8.179	75	2648	0.640	ug/L	97
51) Chlorobenzene	9.446	112	209667	26.805	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	42866	7.449	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	14603	2.627	ug/L	93

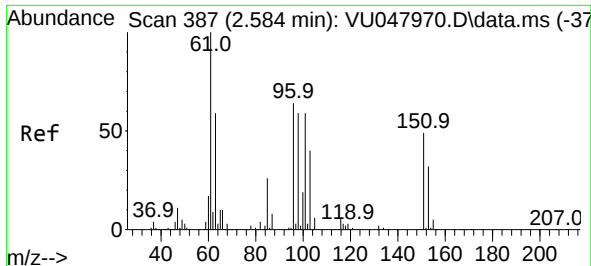
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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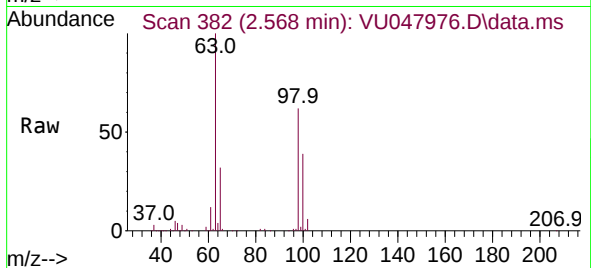
Quant Time: Apr 13 04:51:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 13 04:40:51 2022
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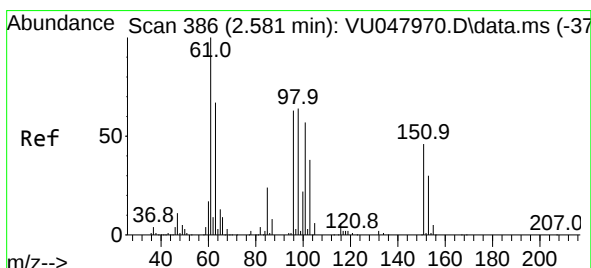
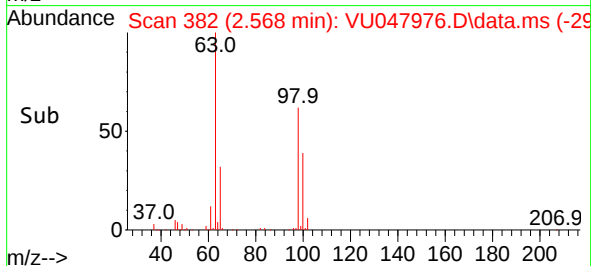
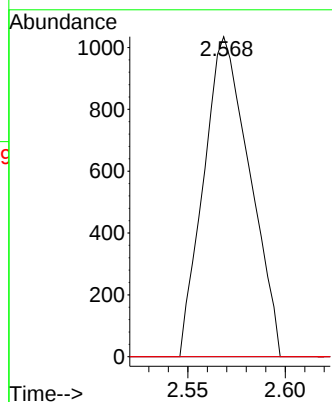


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.665 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.016 min
Lab File: VU047976.D
Acq: 12 Apr 2022 23:15

Instrument :
MSVOA_U
ClientSampleId :

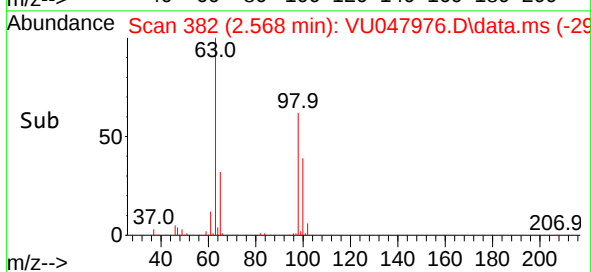
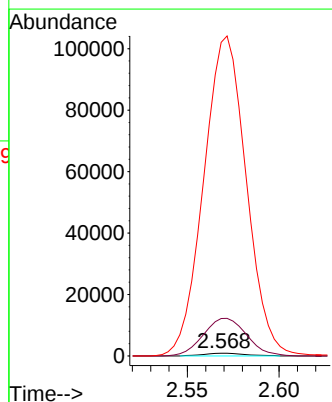
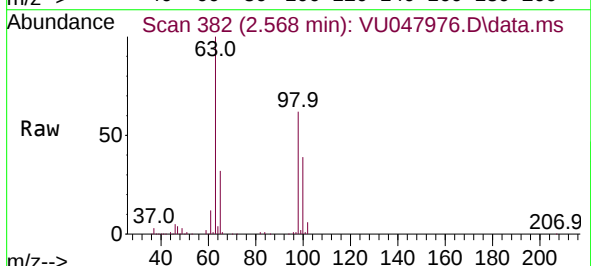


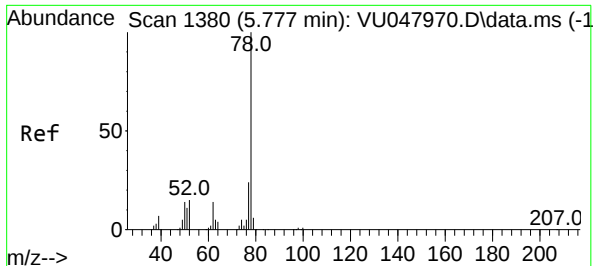
Tgt Ion:101 Resp: 1698
Ion Ratio Lower Upper
101 100
85 0.0 32.8 49.2#
151 0.0 63.0 94.6#



#12
1,1-Dichloroethene
Concen: 0.595 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU047976.D
Acq: 12 Apr 2022 23:15

Tgt Ion: 96 Resp: 1414
Ion Ratio Lower Upper
96 100
61 1357.6 113.1 210.1#
63 11367.5 94.8 176.0#

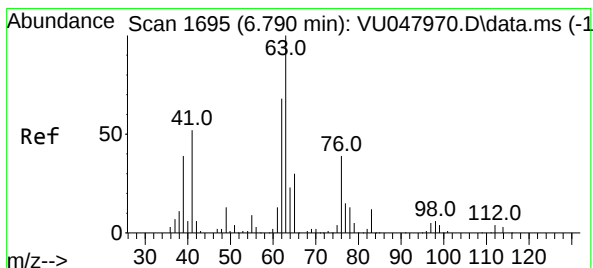
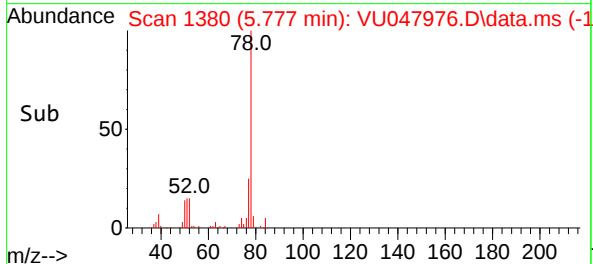
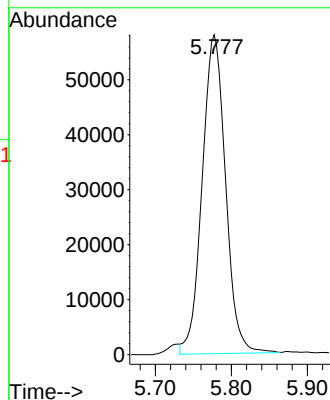
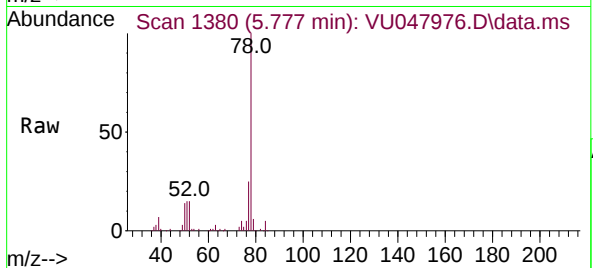




#33
Benzene
Concen: 11.782 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047976.D
Acq: 12 Apr 2022 23:15

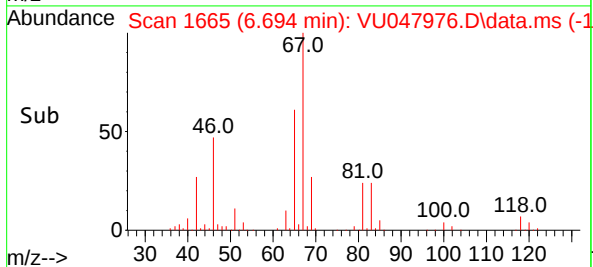
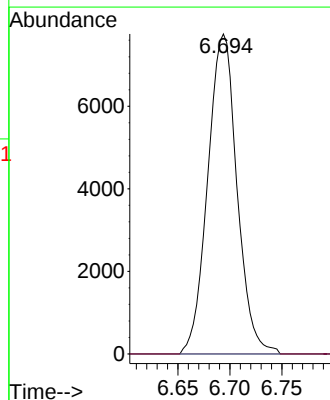
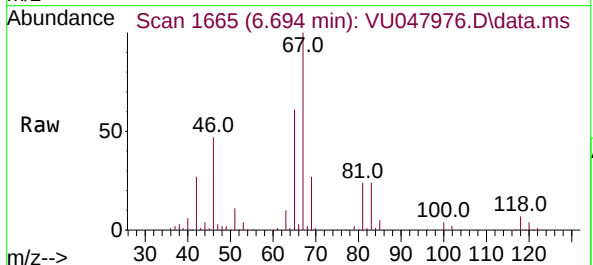
Instrument :
MSVOA_U
ClientSampleId :

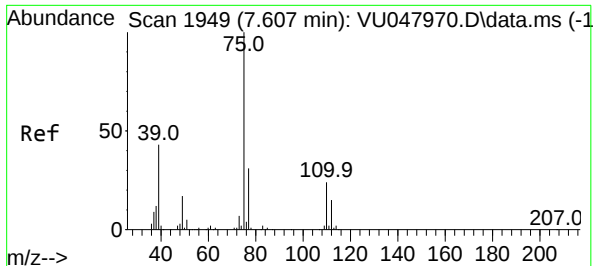
Tgt Ion: 78 Resp: 123700



#37
1,2-Dichloropropane
Concen: 5.699 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.096 min
Lab File: VU047976.D
Acq: 12 Apr 2022 23:15

Tgt Ion: 63 Resp: 15210
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.945 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU047976.D

Acq: 12 Apr 2022 23:15

Instrument :

MSVOA_U

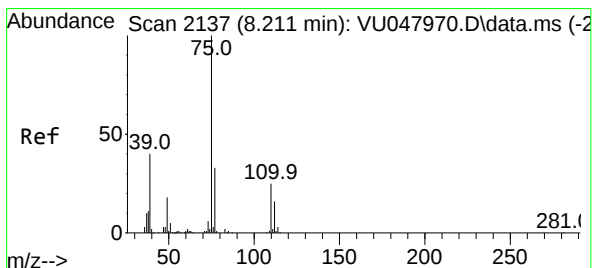
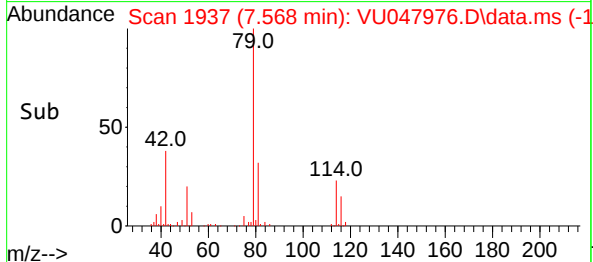
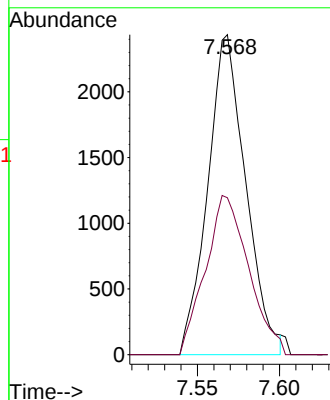
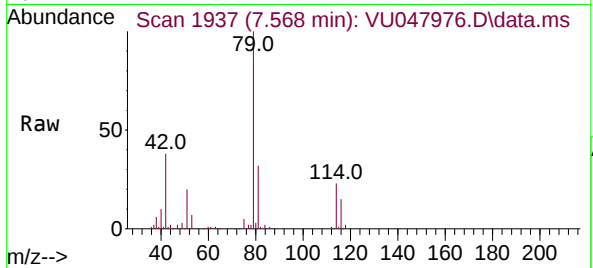
ClientSampleId :

Tgt Ion: 75 Resp: 3915

Ion Ratio Lower Upper

75 100

77 49.0 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.640 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU047976.D

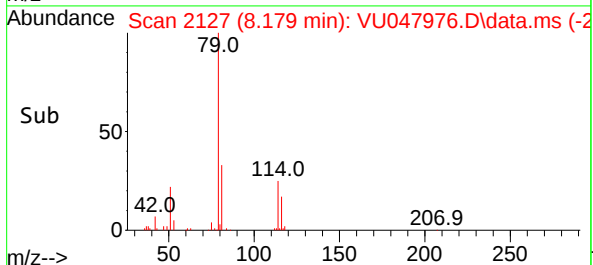
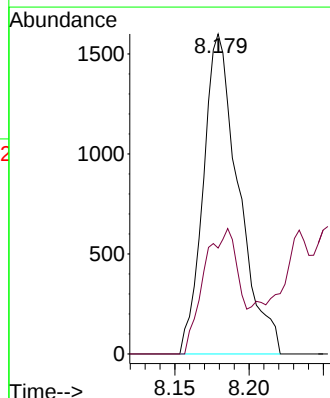
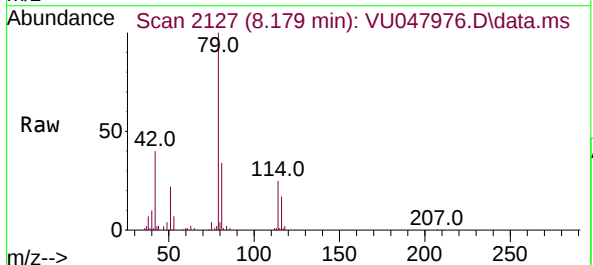
Acq: 12 Apr 2022 23:15

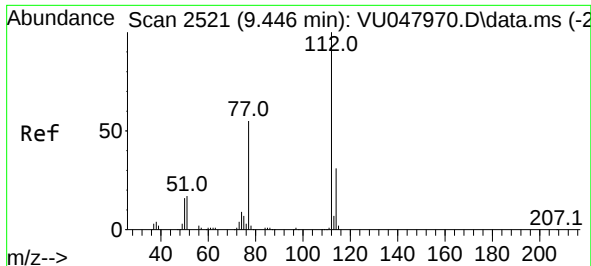
Tgt Ion: 75 Resp: 2648

Ion Ratio Lower Upper

75 100

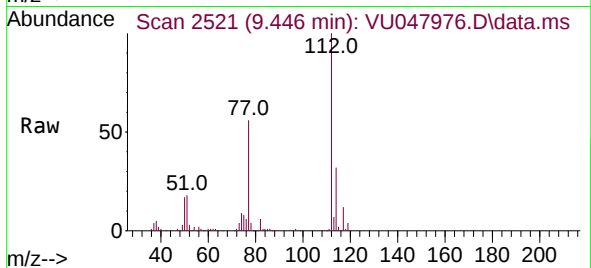
77 33.1 22.0 40.8



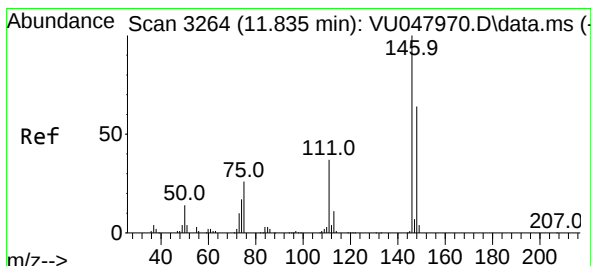
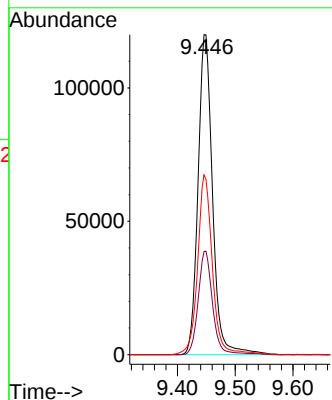
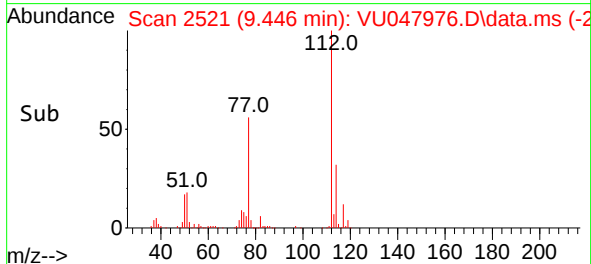


#51
Chlorobenzene
Concen: 26.805 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU047976.D
Acq: 12 Apr 2022 23:15

Instrument :
MSVOA_U
ClientSampleId :

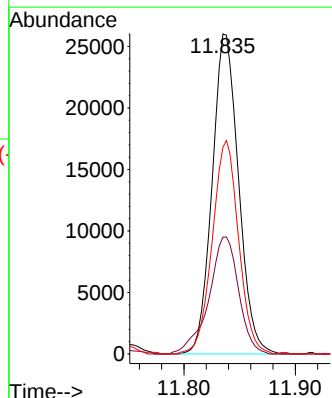
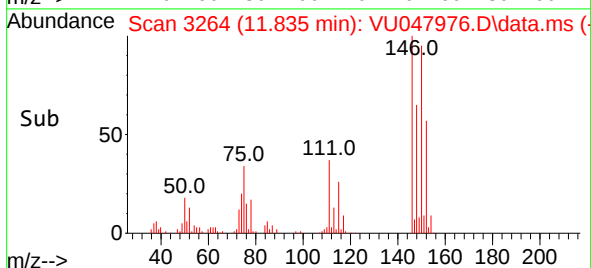
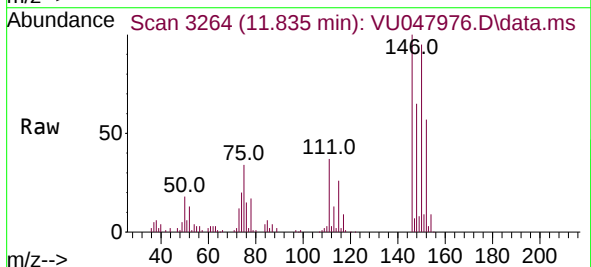


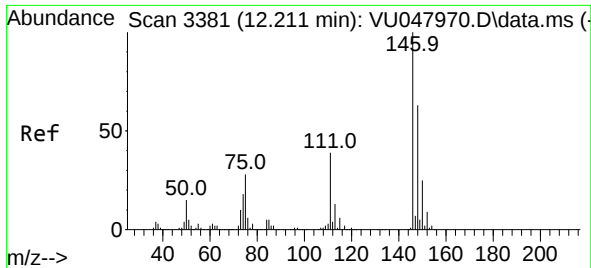
Tgt Ion:112 Resp: 209667
Ion Ratio Lower Upper
112 100
114 32.2 22.1 41.1
77 56.2 43.4 65.0



#65
1,4-Dichlorobenzene
Concen: 7.449 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU047976.D
Acq: 12 Apr 2022 23:15

Tgt Ion:146 Resp: 42866
Ion Ratio Lower Upper
146 100
111 36.5 25.3 47.1
148 64.5 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 2.627 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

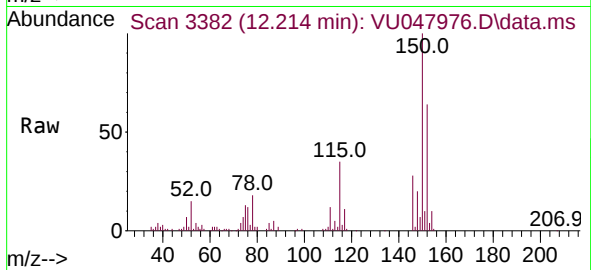
Lab File: VU047976.D

Acq: 12 Apr 2022 23:15

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:146 Resp: 14603

Ion Ratio Lower Upper

146 100

111 43.4 31.7 47.5

148 70.6 51.4 77.2

