

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
 Data File : VU047956.D
 Acq On : 12 Apr 2022 15:24
 Operator : SY/MD
 Sample : N2345-03DL 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 13 01:35:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 13 01:28:20 2022
 Response via : Initial Calibration

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

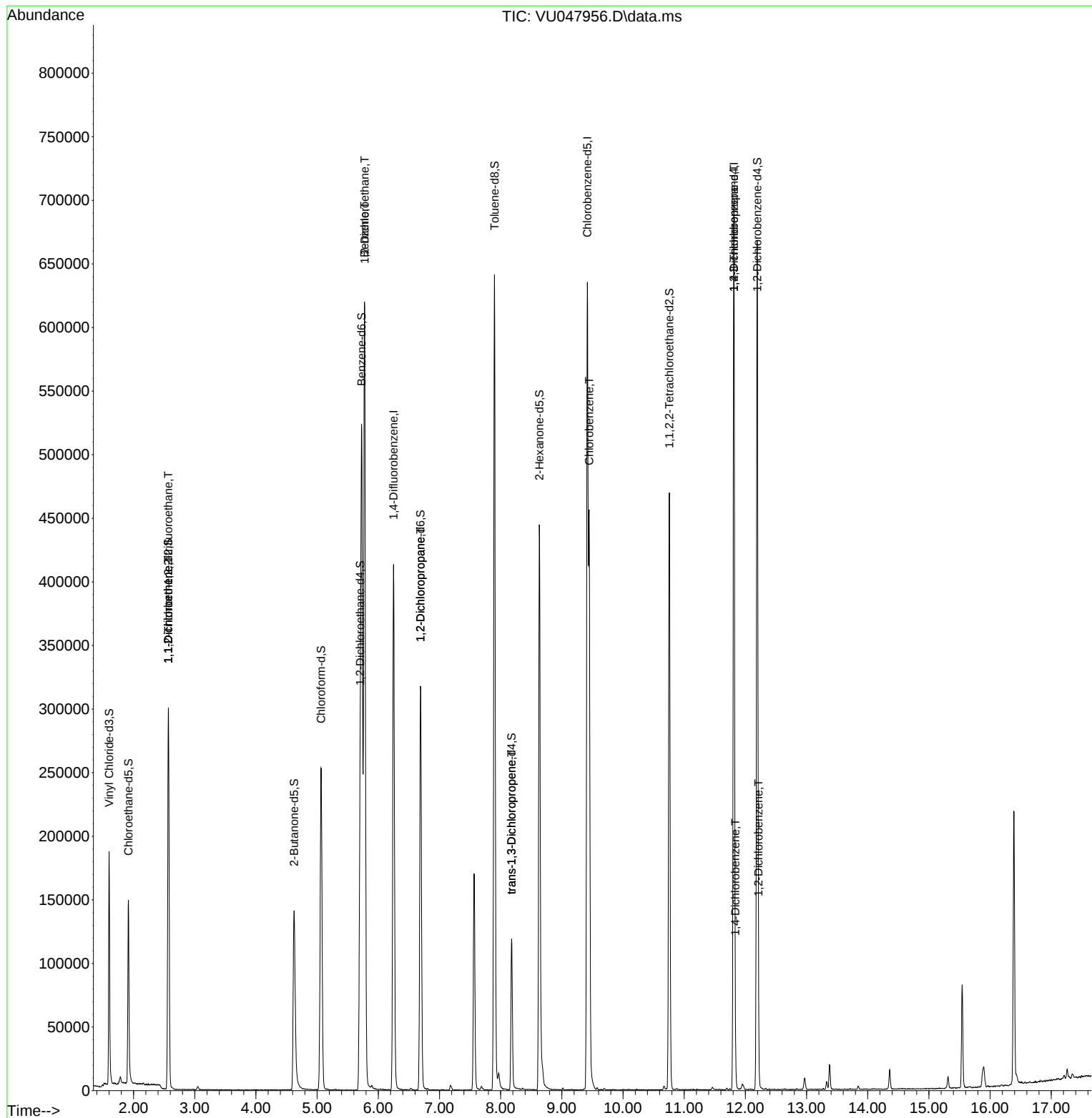
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	353935	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	371542	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	197179	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	136788	53.295	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	106.600%	
7) Chloroethane-d5	1.916	69	113262	55.966	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	111.940%	
11) 1,1-Dichloroethene-d2	2.568	63	172789	36.796	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	73.600%	
21) 2-Butanone-d5	4.623	46	208729	94.749	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	94.750%	
24) Chloroform-d	5.063	84	236634	50.388	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	100.780%	
26) 1,2-Dichloroethane-d4	5.703	65	153721	53.370	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	106.740%	
32) Benzene-d6	5.729	84	488700	52.273	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.540%	
36) 1,2-Dichloropropane-d6	6.690	67	156660	54.563	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	109.120%	
41) Toluene-d8	7.899	98	434314	47.681	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	95.360%	
43) trans-1,3-Dichloroprop...	8.179	79	66007	45.378	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	90.760%	
47) 2-Hexanone-d5	8.632	63	156151	92.903	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	92.900%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	233043	47.295	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	94.600%	
66) 1,2-Dichlorobenzene-d4	12.195	152	187916	53.568	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	107.140%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1625	0.623	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1588	0.654	ug/L #	1
27) 1,2-Dichloroethane	5.777	62	5211	1.387	ug/L #	75
33) Benzene	5.774	78	606125	56.361	ug/L	100
37) 1,2-Dichloropropane	6.690	63	16518	6.042	ug/L #	87
44) trans-1,3-Dichloropropene	8.179	75	3150	0.744	ug/L	99
51) Chlorobenzene	9.446	112	243241	30.359	ug/L	99
60) 1,2,3-Trichloropropane	11.812	75	21451	5.771	ug/L #	66
65) 1,4-Dichlorobenzene	11.835	146	5996	0.977	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	4187	0.706	ug/L #	88

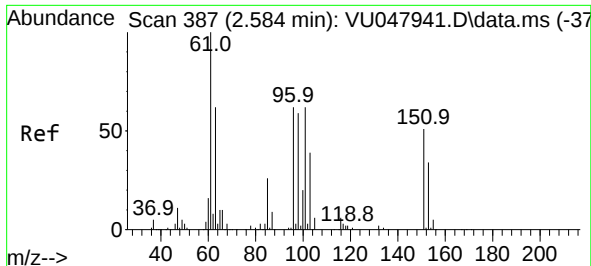
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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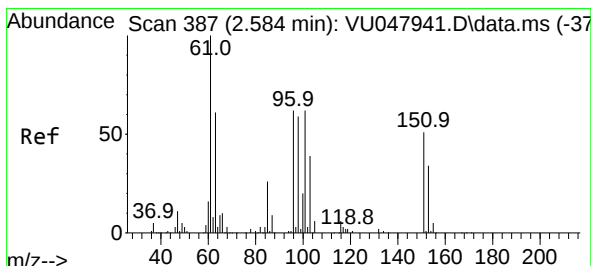
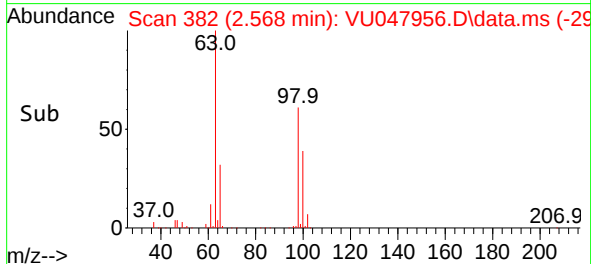
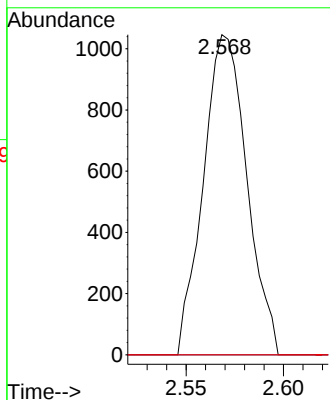
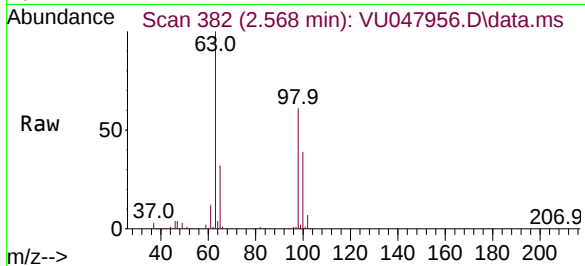




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.623 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU047956.D
 Acq: 12 Apr 2022 15:24

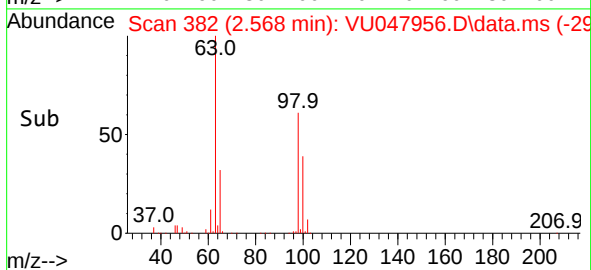
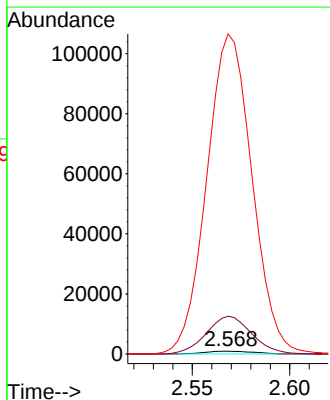
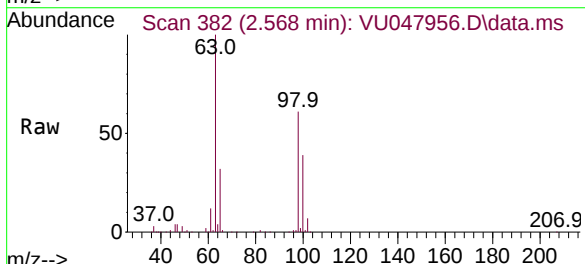
Instrument :
 MSVOA_U
 ClientSampleId :

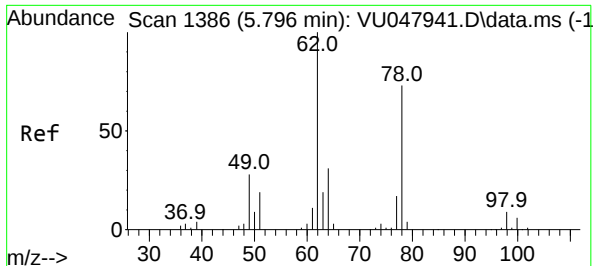
Tgt Ion:101 Resp: 1625
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.654 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU047956.D
 Acq: 12 Apr 2022 15:24

Tgt Ion: 96 Resp: 1588
 Ion Ratio Lower Upper
 96 100
 61 1379.1 113.1 210.1#
 63 11673.2 94.8 176.0#





#27

1,2-Dichloroethane

Concen: 1.387 ug/L

RT: 5.777 min Scan# 11

Delta R.T. -0.019 min

Lab File: VU047956.D

Acq: 12 Apr 2022 15:24

Instrument :

MSVOA_U

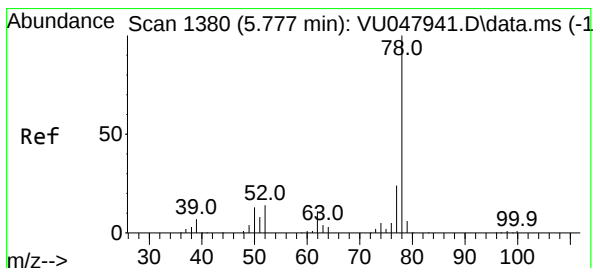
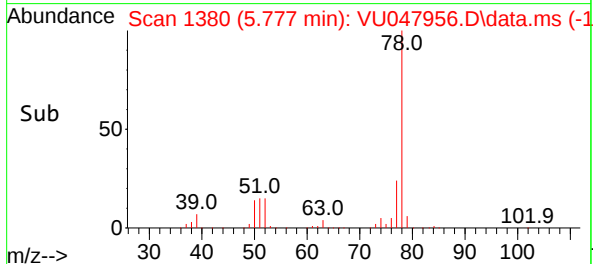
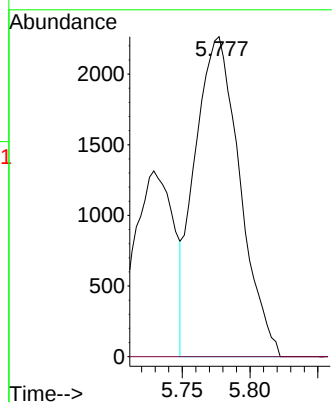
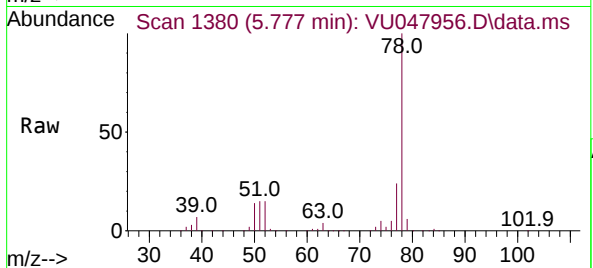
ClientSampleId :

Tgt Ion: 62 Resp: 5211

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#



#33

Benzene

Concen: 56.361 ug/L

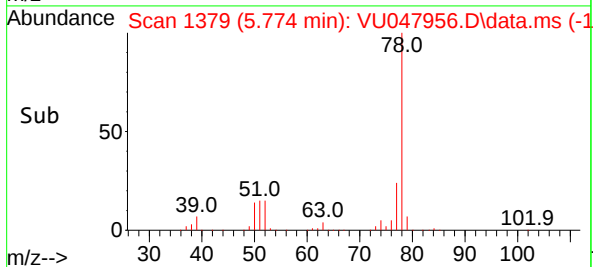
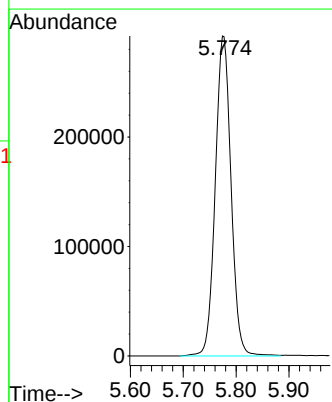
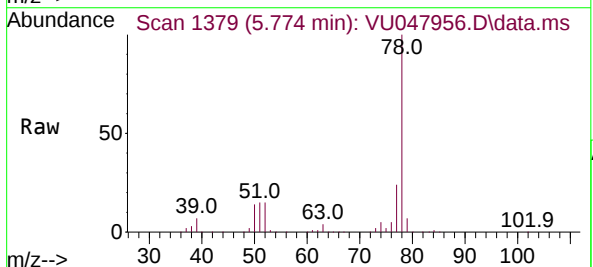
RT: 5.774 min Scan# 1379

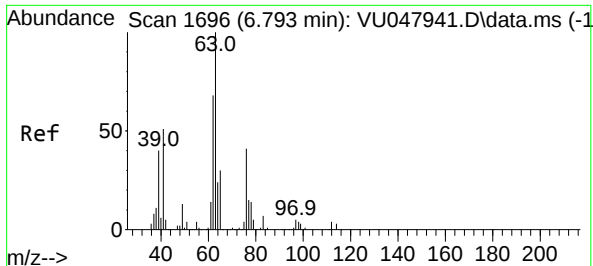
Delta R.T. -0.003 min

Lab File: VU047956.D

Acq: 12 Apr 2022 15:24

Tgt Ion: 78 Resp: 606125





#37

1,2-Dichloropropane

Concen: 6.042 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU047956.D

Acq: 12 Apr 2022 15:24

Instrument :

MSVOA_U

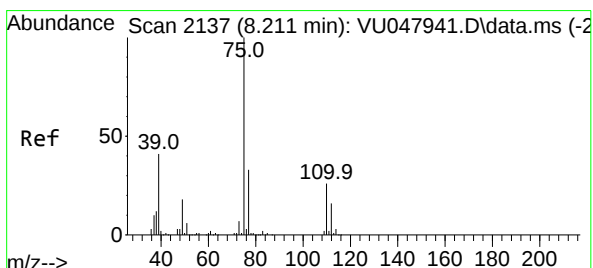
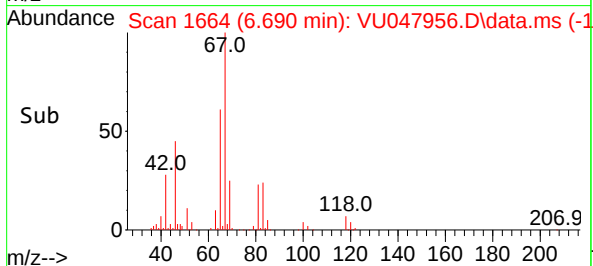
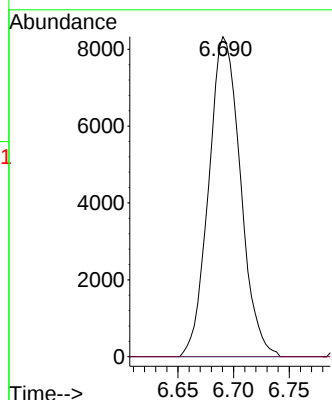
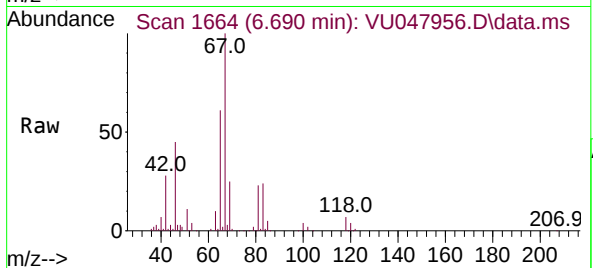
ClientSampleId :

Tgt Ion: 63 Resp: 16518

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#44

trans-1,3-Dichloropropene

Concen: 0.744 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU047956.D

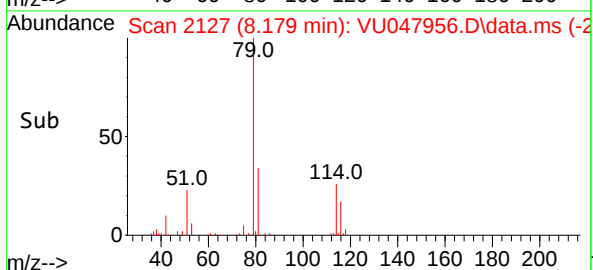
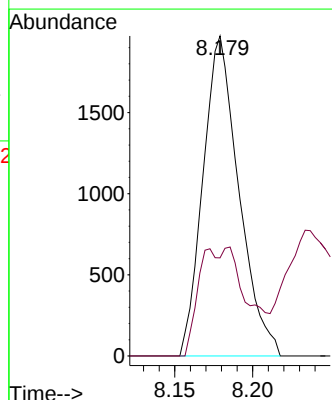
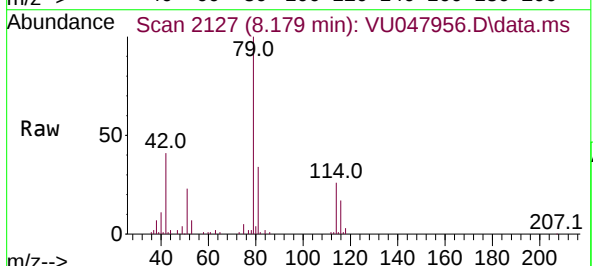
Acq: 12 Apr 2022 15:24

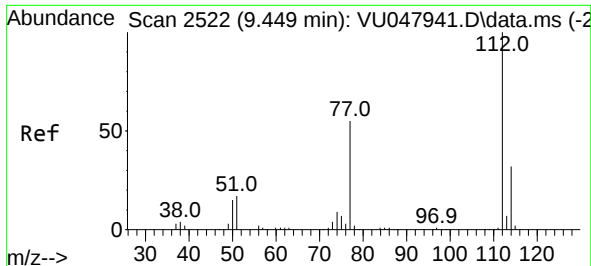
Tgt Ion: 75 Resp: 3150

Ion Ratio Lower Upper

75 100

77 30.7 22.0 40.8

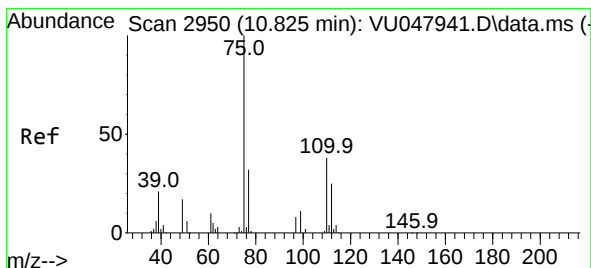
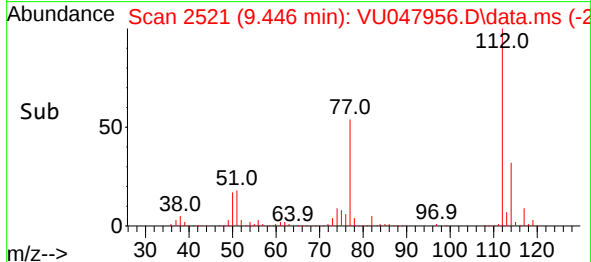
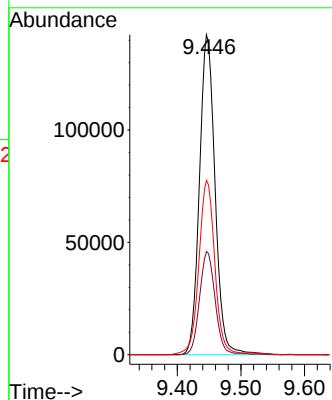
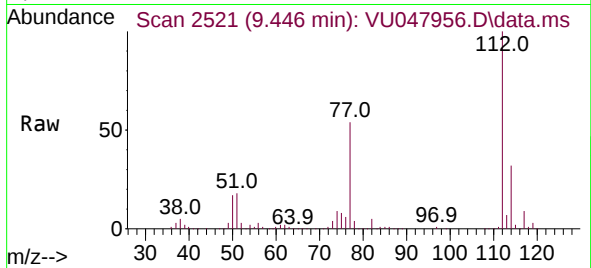




#51
Chlorobenzene
Concen: 30.359 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047956.D
Acq: 12 Apr 2022 15:24

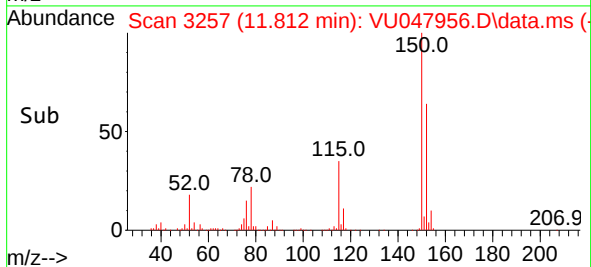
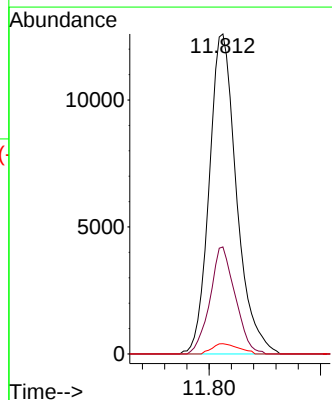
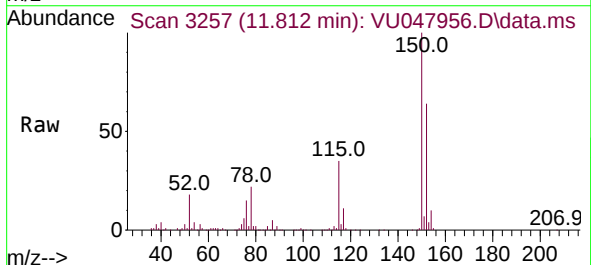
Instrument :
MSVOA_U
ClientSampleId :

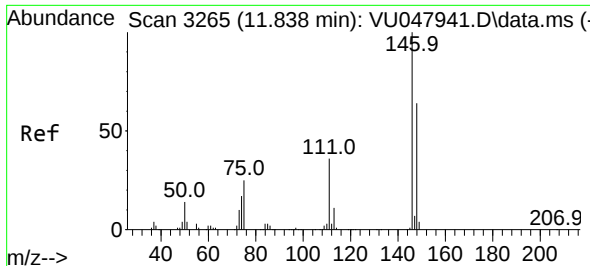
Tgt Ion:112 Resp: 243241
Ion Ratio Lower Upper
112 100
114 32.2 22.1 41.1
77 54.4 43.4 65.0



#60
1,2,3-Trichloropropane
Concen: 5.771 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU047956.D
Acq: 12 Apr 2022 15:24

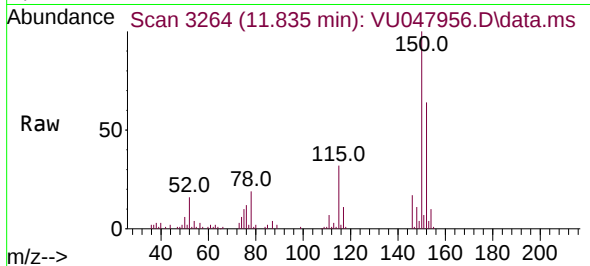
Tgt Ion: 75 Resp: 21451
Ion Ratio Lower Upper
75 100
77 30.8 26.0 39.0
110 3.1 31.4 47.2#



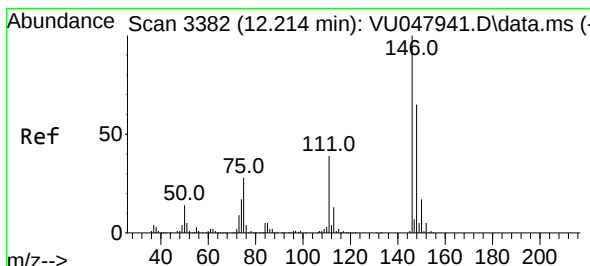
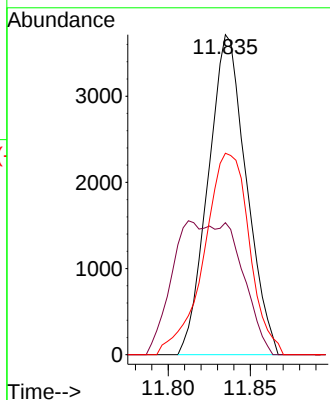
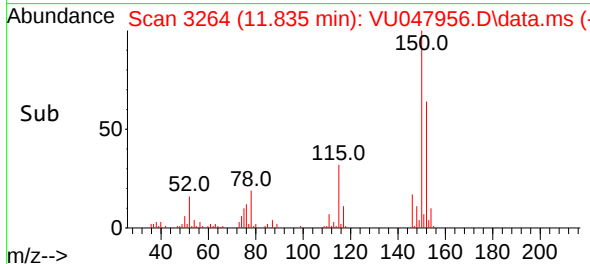


#65
1,4-Dichlorobenzene
Concen: 0.977 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047956.D
Acq: 12 Apr 2022 15:24

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:146 Resp: 5996
Ion Ratio Lower Upper
146 100
111 41.2 25.3 47.1
148 63.0 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 0.706 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU047956.D
Acq: 12 Apr 2022 15:24

Tgt Ion:146 Resp: 4187
Ion Ratio Lower Upper
146 100
111 57.1 31.7 47.5#
148 63.0 51.4 77.2

