

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048201.D
 Acq On : 22 Apr 2022 03:52
 Operator : SY/MD
 Sample : N2488-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0HZ5

Quant Time: Apr 22 06:38:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 02:51:38 2022
 Response via : Initial Calibration

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

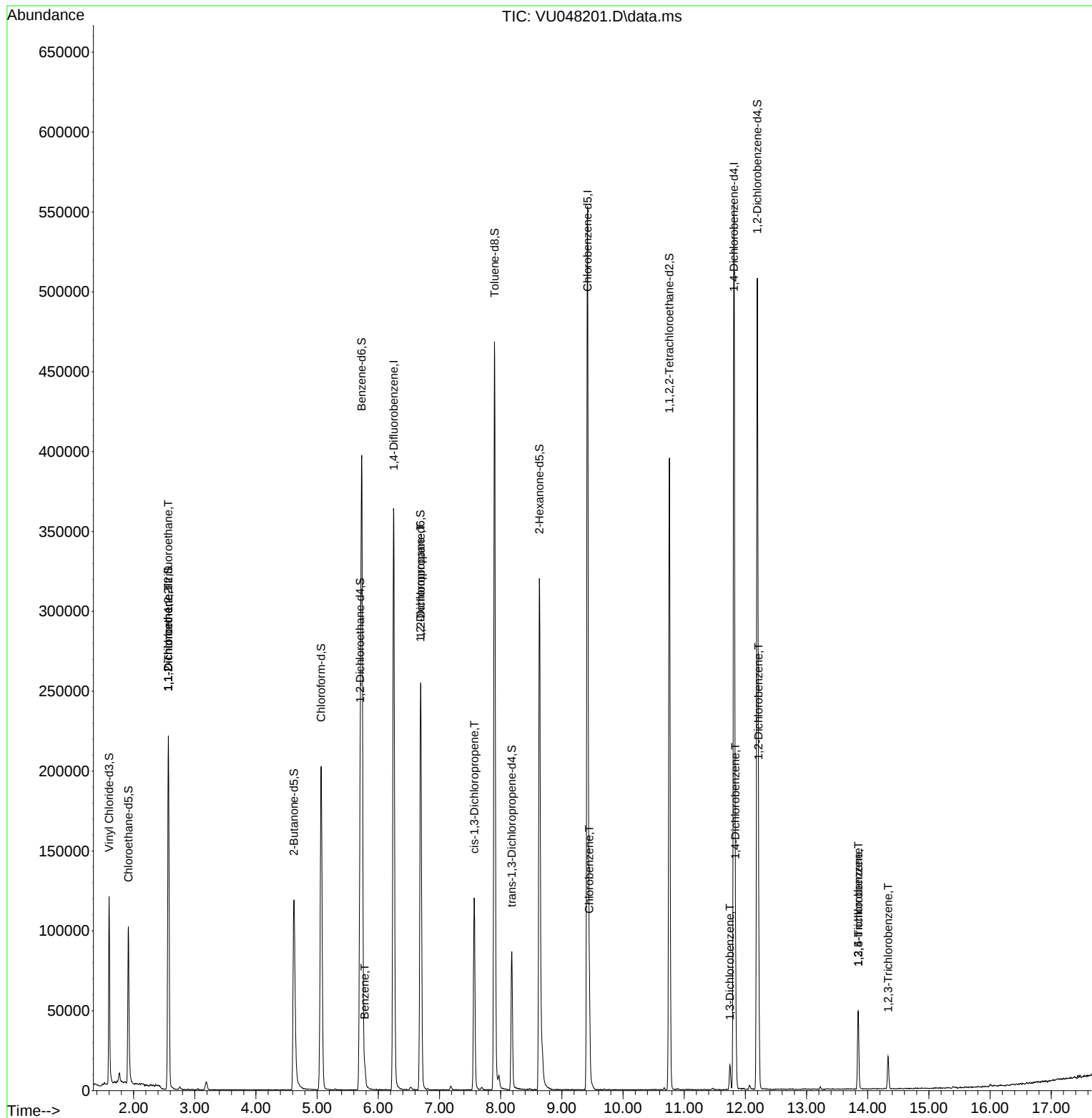
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	311249	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	329600	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	157590	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	90317	40.015	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.040%		
7) Chloroethane-d5	1.916	69	80662	45.323	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.640%		
11) 1,1-Dichloroethene-d2	2.568	63	125651	30.428	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.860%		
21) 2-Butanone-d5	4.620	46	172188	88.881	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.880%		
24) Chloroform-d	5.067	84	192591	46.634	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.260%		
26) 1,2-Dichloroethane-d4	5.703	65	119991	47.373	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.740%		
32) Benzene-d6	5.729	84	381776	46.032	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.060%		
36) 1,2-Dichloropropane-d6	6.690	67	128564	50.476	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.960%		
41) Toluene-d8	7.899	98	324838	40.200	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.400%		
43) trans-1,3-Dichloroprop...	8.182	79	50186	38.892	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.780%		
47) 2-Hexanone-d5	8.632	63	111144	74.541	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	74.540%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	200839	45.946	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.900%		
66) 1,2-Dichlorobenzene-d4	12.195	152	141721	50.548	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.100%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1274	0.555	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1150	0.539	ug/L #	1
33) Benzene	5.777	78	10957	1.148	ug/L	100
37) 1,2-Dichloropropane	6.694	63	12931	5.332	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	2692	0.715	ug/L #	59
51) Chlorobenzene	9.449	112	33245	4.677	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	7184	1.518	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	31137	6.350	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	37079	7.828	ug/L	99
69) 1,3,5-Trichlorobenzene	13.844	180	17474	4.545	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	17474	5.189	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	7416	2.197	ug/L	99

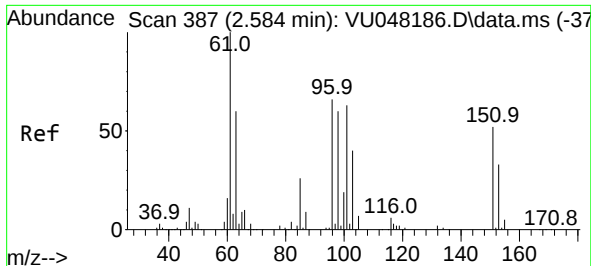
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 22 02:51:38 2022
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#10

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

Concen: 0.555 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.016 min

Lab File: VU048201.D

Acq: 22 Apr 2022 03:52

Instrument :

MSVOA_V

ClientSampleId :

C0HZ5

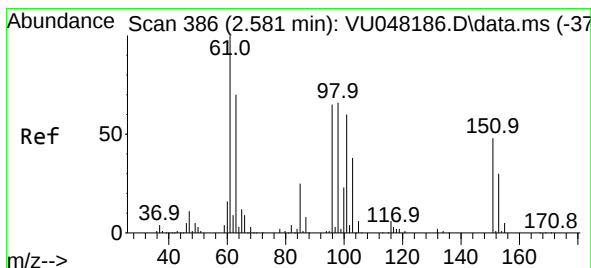
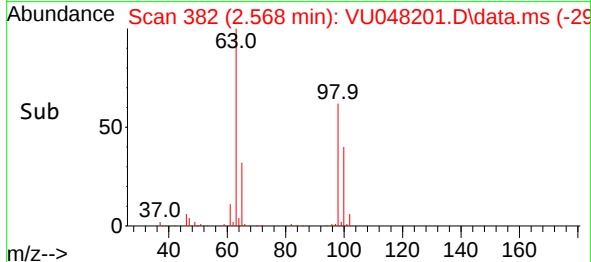
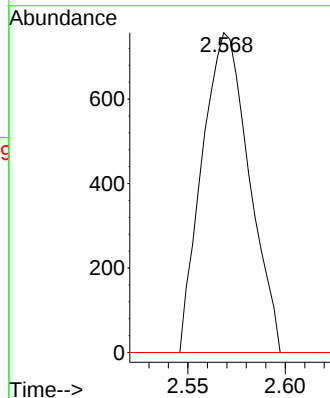
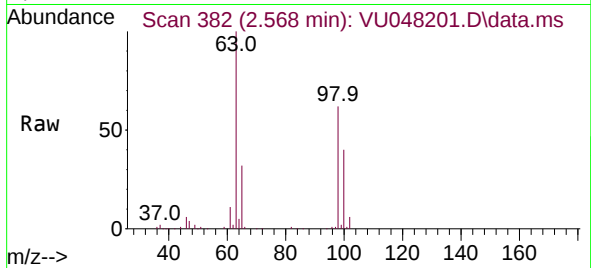
Tgt Ion:101 Resp: 1274

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: 0.539 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.013 min

Lab File: VU048201.D

Acq: 22 Apr 2022 03:52

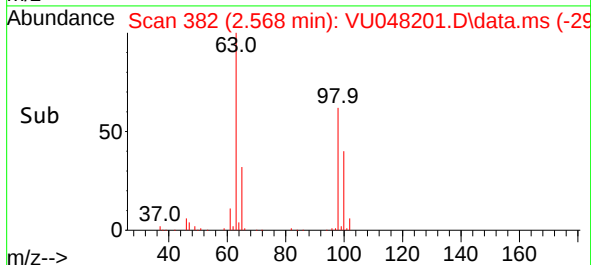
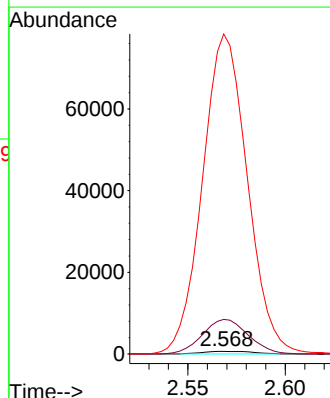
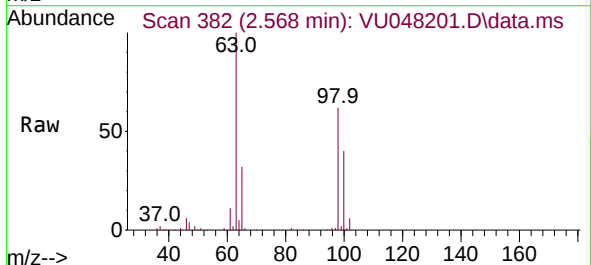
Tgt Ion: 96 Resp: 1150

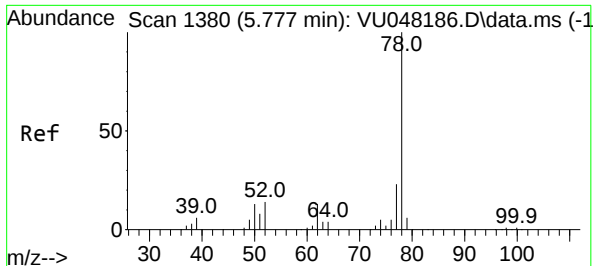
Ion Ratio Lower Upper

96 100

61 1335.5 113.1 210.1#

63 12379.1 94.8 176.0#

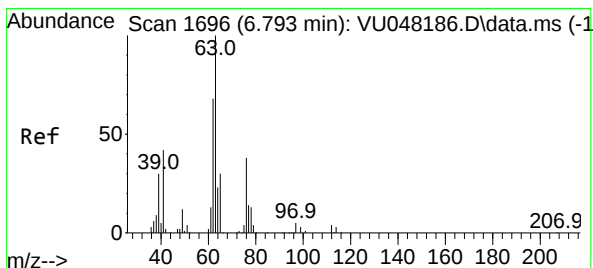
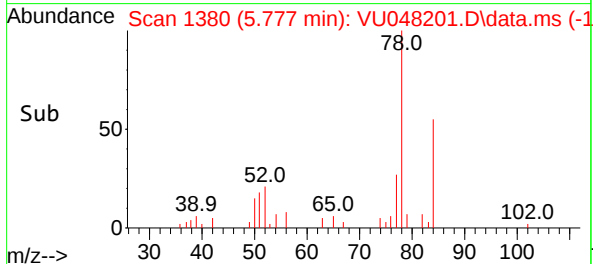
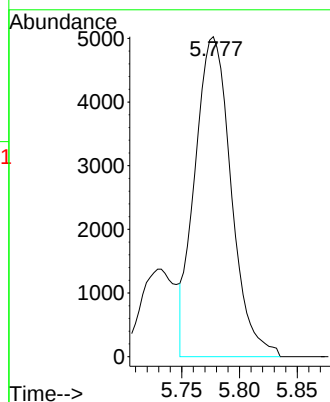
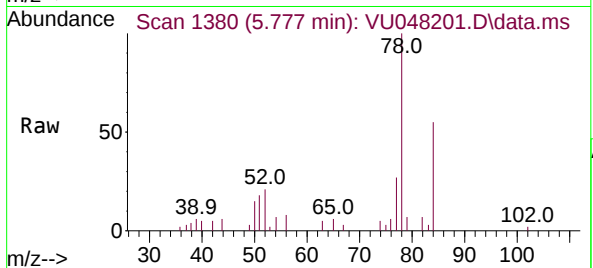




#33
Benzene
Concen: 1.148 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048201.D
Acq: 22 Apr 2022 03:52

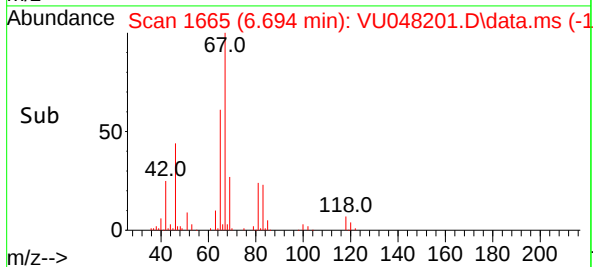
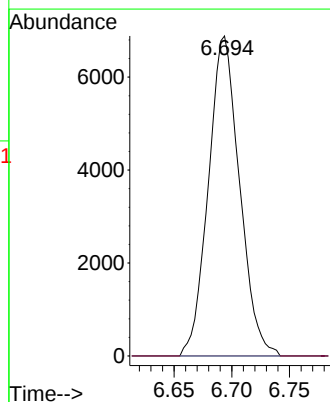
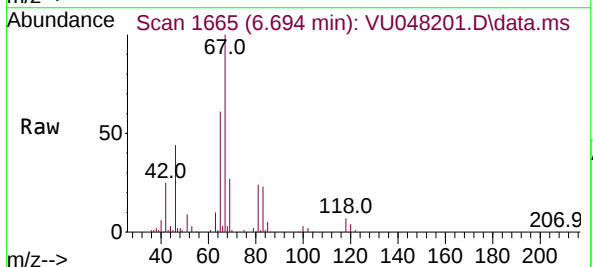
Instrument :
MSVOA_V
ClientSampleId :
C0HZ5

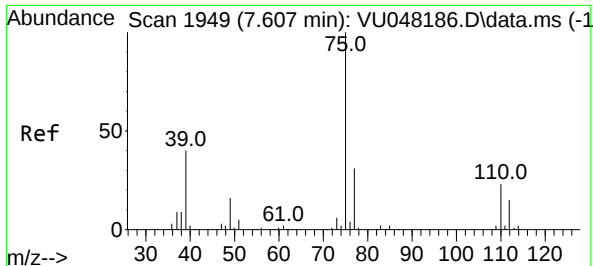
Tgt Ion: 78 Resp: 10957



#37
1,2-Dichloropropane
Concen: 5.332 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.099 min
Lab File: VU048201.D
Acq: 22 Apr 2022 03:52

Tgt Ion: 63 Resp: 12931
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.715 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.038 min

Lab File: VU048201.D

Acq: 22 Apr 2022 03:52

Instrument :

MSVOA_V

ClientSampleId :

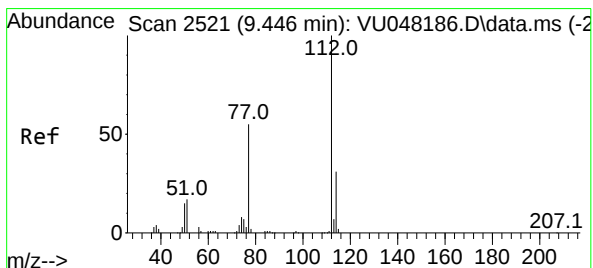
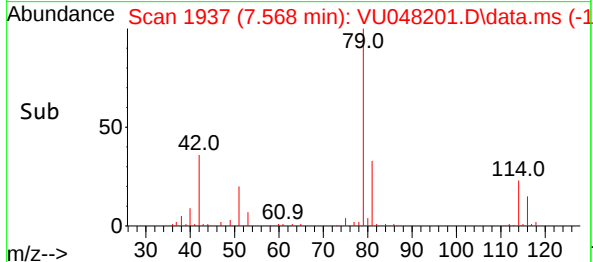
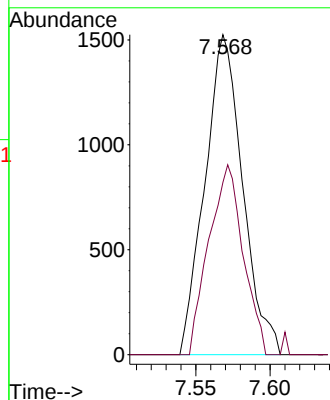
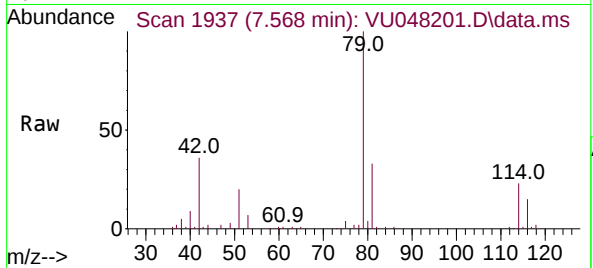
C0HZ5

Tgt Ion: 75 Resp: 2692

Ion Ratio Lower Upper

75 100

77 53.8 21.8 40.6#



#51

Chlorobenzene

Concen: 4.677 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.003 min

Lab File: VU048201.D

Acq: 22 Apr 2022 03:52

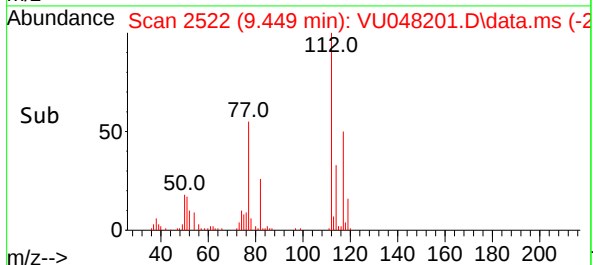
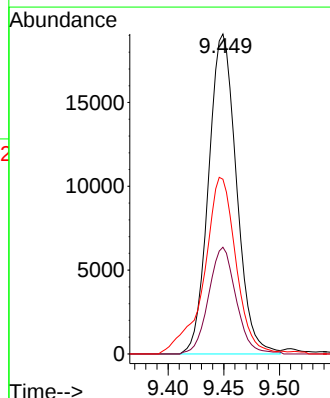
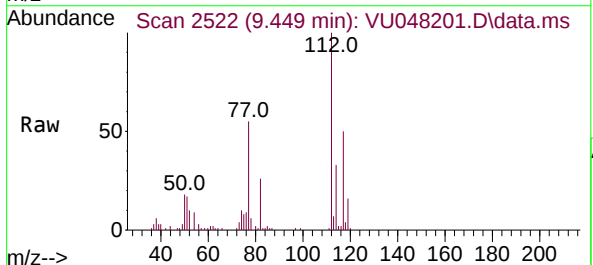
Tgt Ion: 112 Resp: 33245

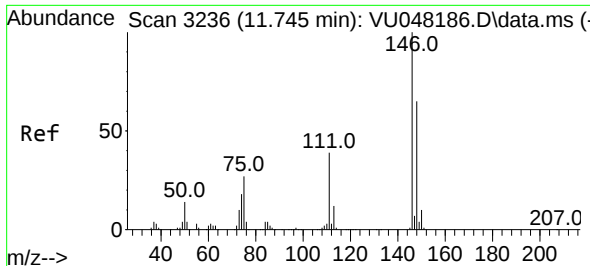
Ion Ratio Lower Upper

112 100

114 33.3 22.1 41.1

77 54.6 43.4 65.0

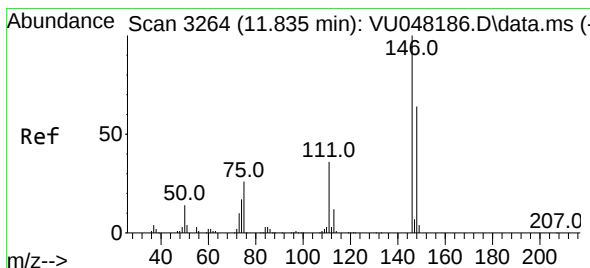
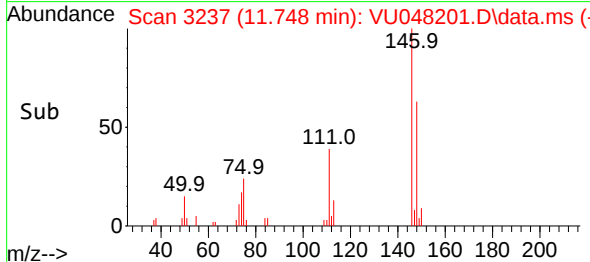
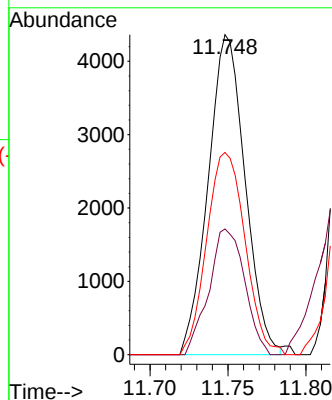
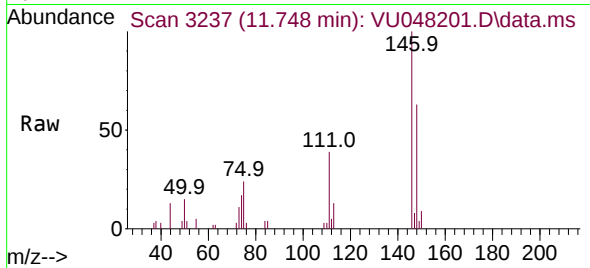




#64
1,3-Dichlorobenzene
Concen: 1.518 ug/L
RT: 11.748 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU048201.D
Acq: 22 Apr 2022 03:52

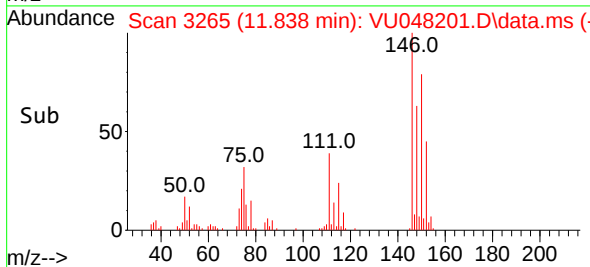
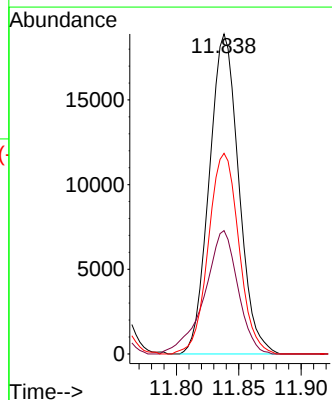
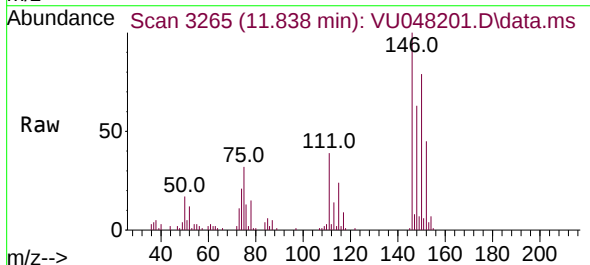
Instrument :
MSVOA_V
ClientSampleId :
C0HZ5

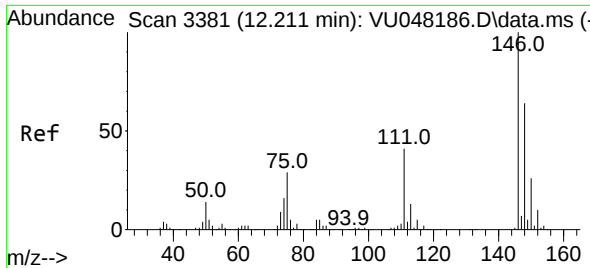
Tgt Ion:146 Resp: 7184
Ion Ratio Lower Upper
146 100
111 39.3 26.7 49.7
148 63.2 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 6.350 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU048201.D
Acq: 22 Apr 2022 03:52

Tgt Ion:146 Resp: 31137
Ion Ratio Lower Upper
146 100
111 38.5 25.3 47.1
148 62.7 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 7.828 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU048201.D

Acq: 22 Apr 2022 03:52

Instrument :

MSVOA_V

ClientSampleId :

C0HZ5

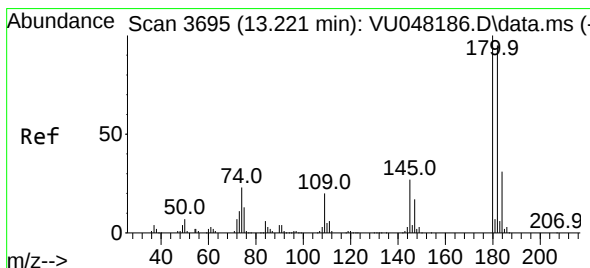
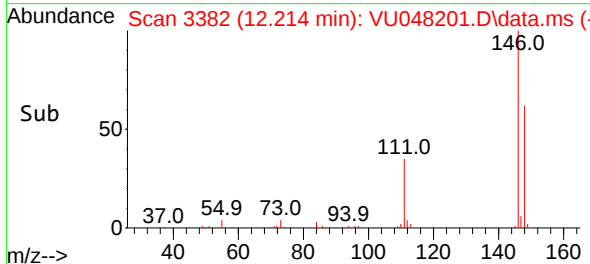
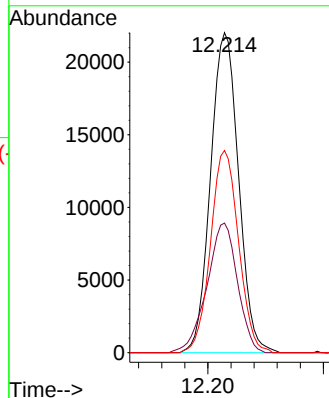
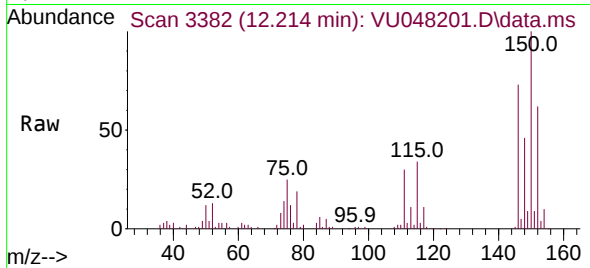
Tgt Ion:146 Resp: 37079

Ion Ratio Lower Upper

146 100

111 40.5 31.7 47.5

148 63.2 51.4 77.2



#69

1,3,5-Trichlorobenzene

Concen: 4.545 ug/L

RT: 13.844 min Scan# 3889

Delta R.T. 0.624 min

Lab File: VU048201.D

Acq: 22 Apr 2022 03:52

Tgt Ion:180 Resp: 17474

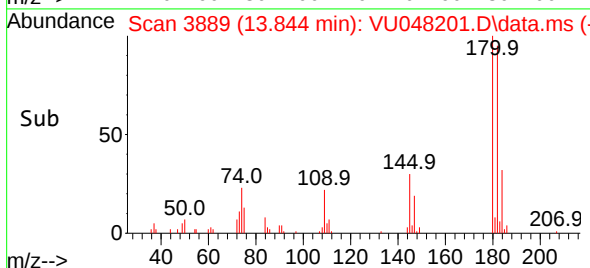
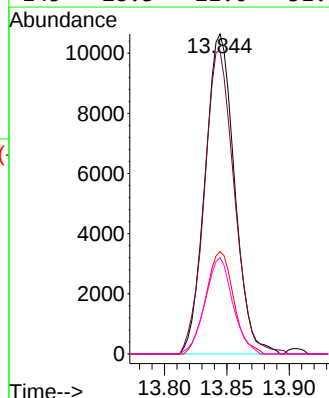
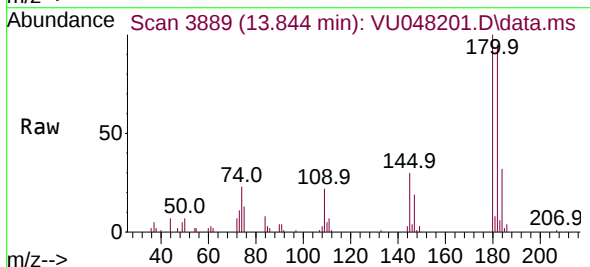
Ion Ratio Lower Upper

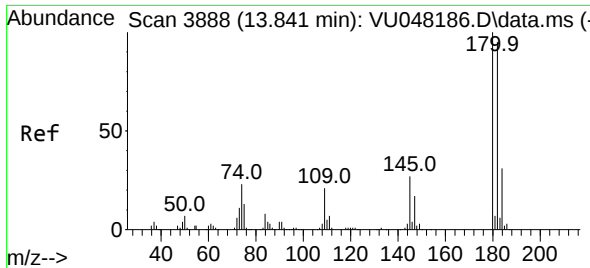
180 100

182 96.2 77.0 115.6

184 30.4 24.5 36.7

145 28.3 21.0 31.6

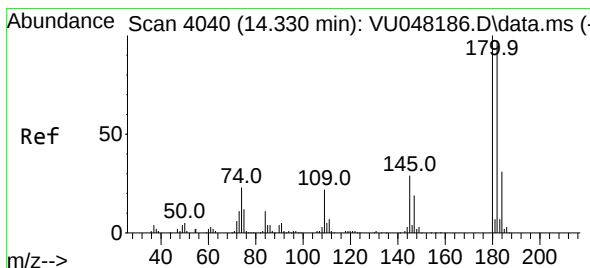
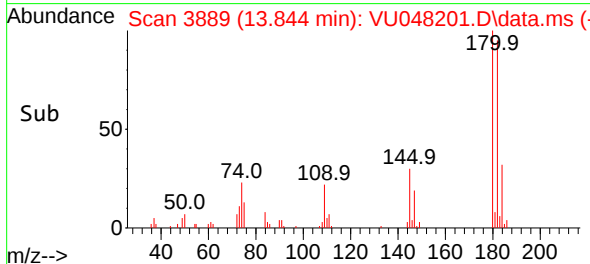
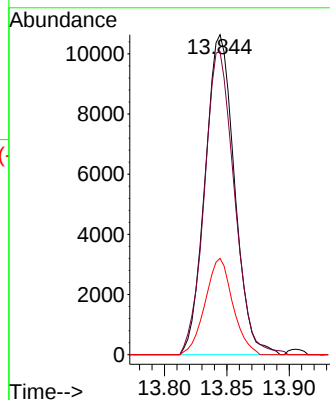
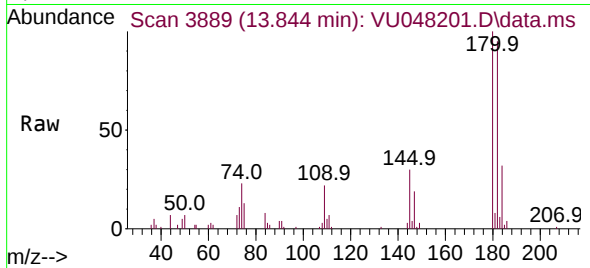




#70
1,2,4-trichlorobenzene
Concen: 5.189 ug/L
RT: 13.844 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU048201.D
Acq: 22 Apr 2022 03:52

Instrument :
MSVOA_V
ClientSampleId :
COHZ5

Tgt Ion:180 Resp: 17474
Ion Ratio Lower Upper
180 100
182 96.2 76.2 114.2
145 28.3 21.8 32.8



#72
1,2,3-Trichlorobenzene
Concen: 2.197 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU048201.D
Acq: 22 Apr 2022 03:52

Tgt Ion:180 Resp: 7416
Ion Ratio Lower Upper
180 100
182 96.4 77.4 116.0
145 27.2 22.8 34.2

