

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
 Data File : VU047901.D
 Acq On : 11 Apr 2022 13:24
 Operator : SY/MD
 Sample : N2343-18DL 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 12 02:02:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 12 01:57:58 2022
 Response via : Initial Calibration

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

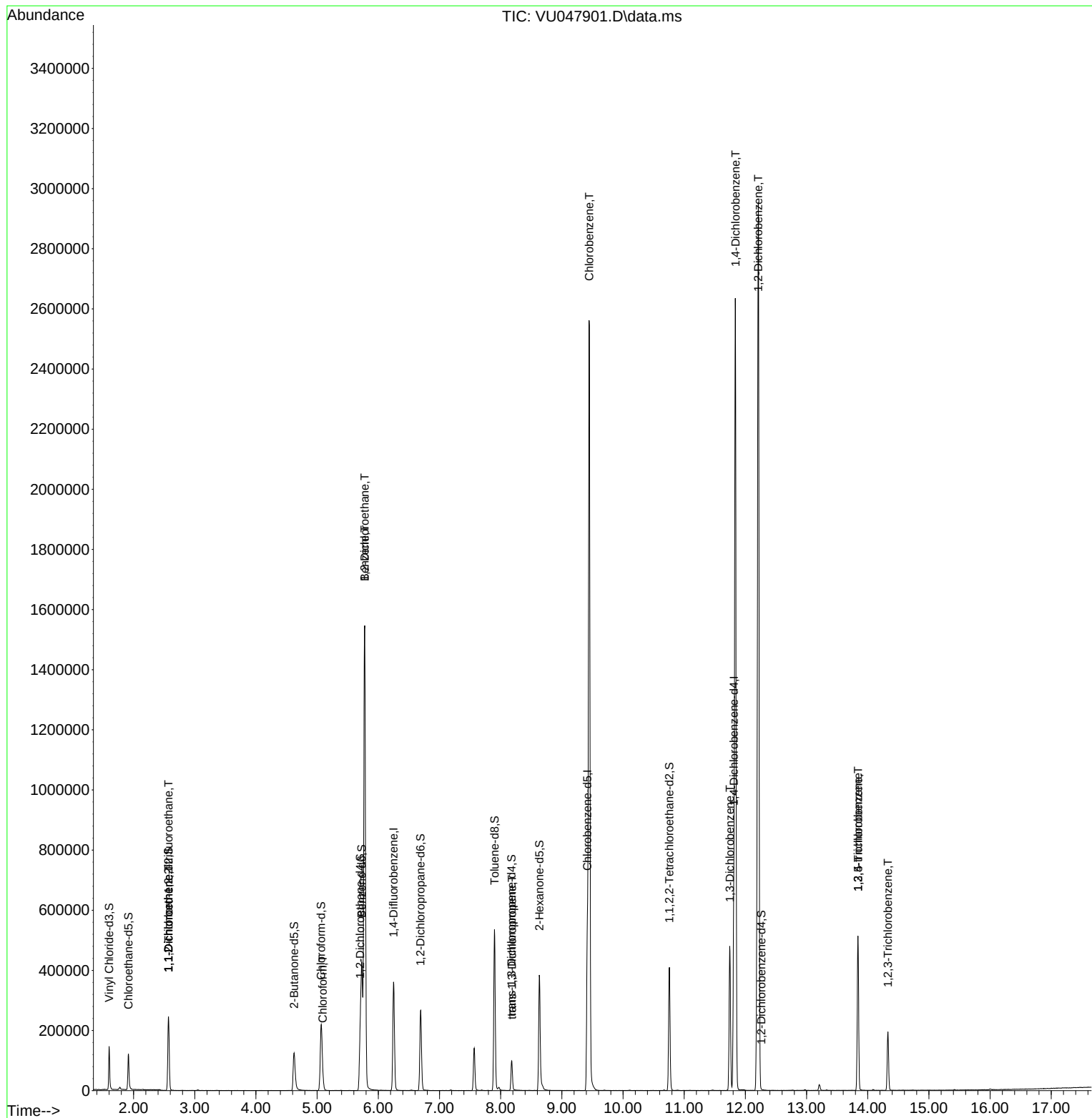
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	304869	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	318185	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	183114	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	105903	47.903	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.800%
7) Chloroethane-d5	1.916	69	93335	53.542	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.080%
11) 1,1-Dichloroethene-d2	2.572	63	139256	34.428	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.860%
21) 2-Butanone-d5	4.623	46	183004	96.441	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.440%
24) Chloroform-d	5.067	84	202714	50.112	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.220%
26) 1,2-Dichloroethane-d4	5.703	65	128557	51.817	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.640%
32) Benzene-d6	5.729	84	400995	50.084	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.160%
36) 1,2-Dichloropropane-d6	6.690	67	128817	52.389	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.780%
41) Toluene-d8	7.899	98	357414	45.819	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.640%
43) trans-1,3-Dichloroprop...	8.179	79	55414	44.484	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.960%
47) 2-Hexanone-d5	8.632	63	130387	90.584	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.580%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	202331	47.948	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.900%
66) 1,2-Dichlorobenzene-d4	12.259	152	109	0.033	ug/L	0.06
Spiked Amount	50.000	Range	80 - 120	Recovery	=	0.060%#
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1505	0.670	ug/L #	18
12) 1,1-Dichloroethene	2.572	96	1498	0.716	ug/L #	1
25) Chloroform	5.092	83	30344	7.245	ug/L	98
27) 1,2-Dichloroethane	5.777	62	11949	3.693	ug/L #	75
33) Benzene	5.777	78	1501136	162.991	ug/L	100
44) trans-1,3-Dichloropropene	8.185	75	2498	0.689	ug/L #	82
51) Chlorobenzene	9.449	112	1454051	211.913	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	207575	37.737	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	1086366	190.674	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	1212566	220.311	ug/L	100
69) 1,3,5-Trichlorobenzene	13.841	180	172357	38.582	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	172357	44.048	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	64583	16.464	ug/L	100

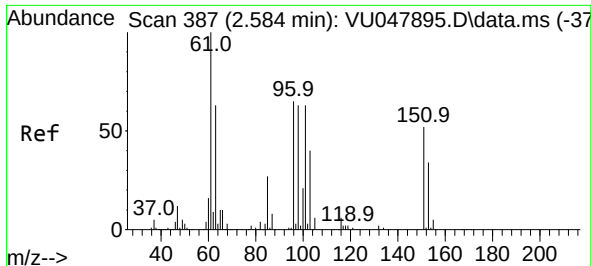
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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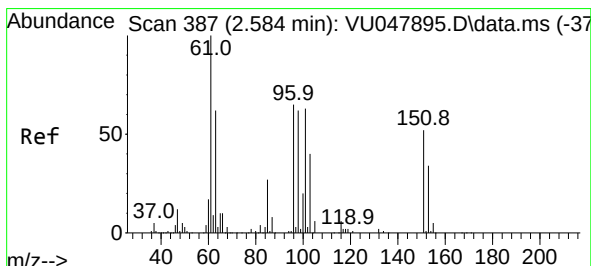
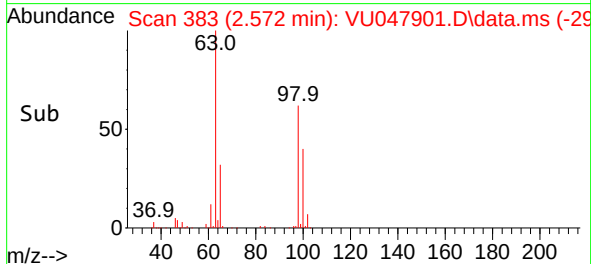
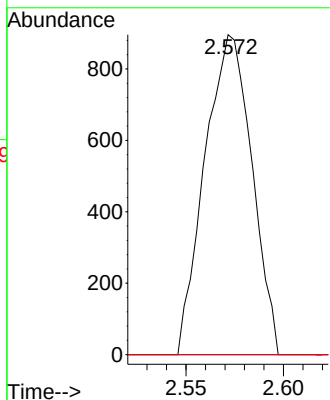
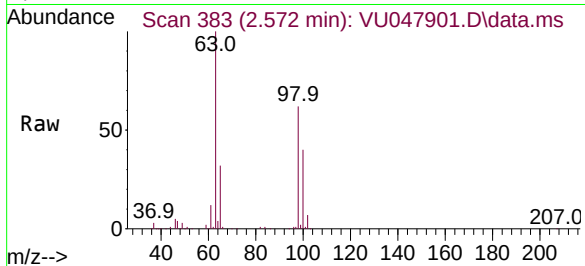




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.670 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU047901.D
 Acq: 11 Apr 2022 13:24

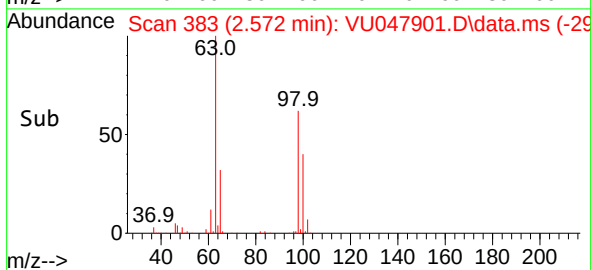
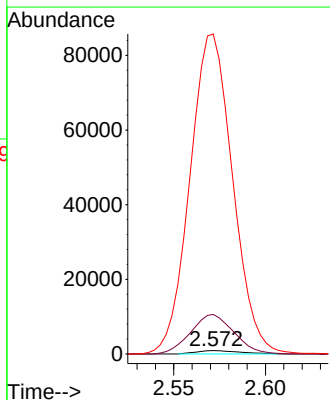
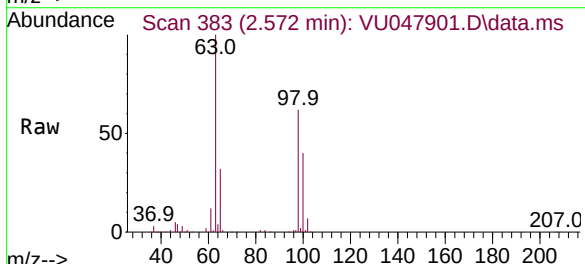
Instrument :
 MSVOA_U
 ClientSampleId :

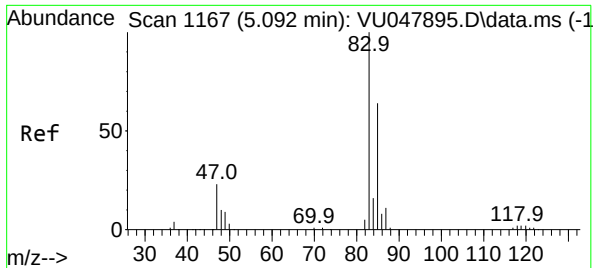
Tgt Ion:101 Resp: 1505
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.716 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU047901.D
 Acq: 11 Apr 2022 13:24

Tgt Ion: 96 Resp: 1498
 Ion Ratio Lower Upper
 96 100
 61 1158.1 113.1 210.1#
 63 9381.2 94.8 176.0#

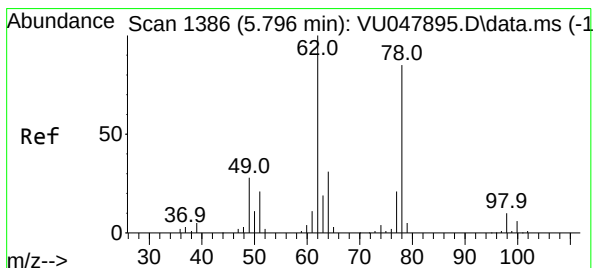
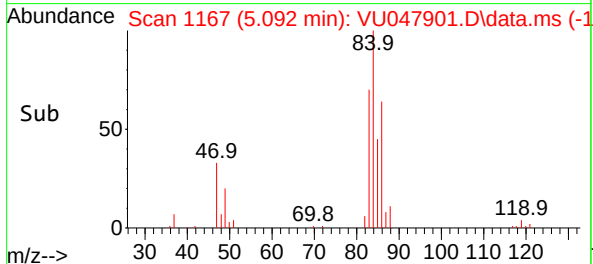
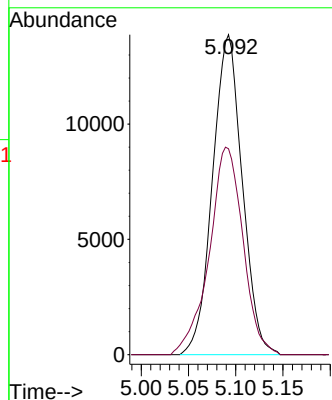
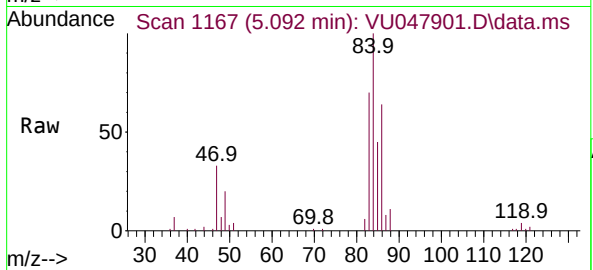




#25
Chloroform
Concen: 7.245 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU047901.D
Acq: 11 Apr 2022 13:24

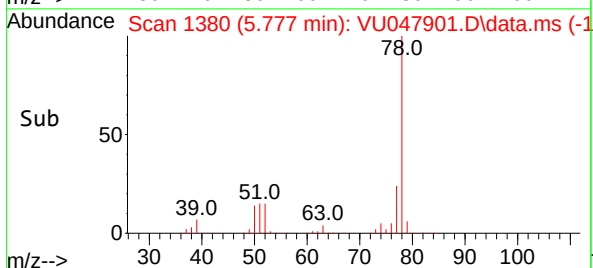
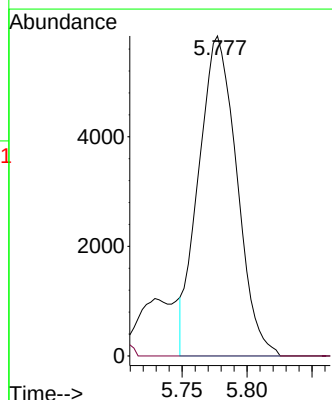
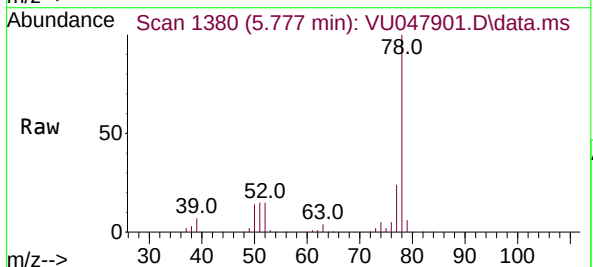
Instrument :
MSVOA_U
ClientSampleId :

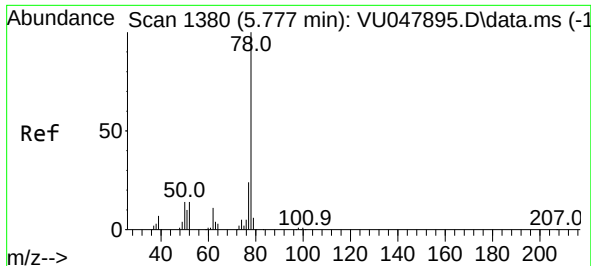
Tgt Ion: 83 Resp: 30344
Ion Ratio Lower Upper
83 100
85 64.3 46.2 85.8



#27
1,2-Dichloroethane
Concen: 3.693 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.019 min
Lab File: VU047901.D
Acq: 11 Apr 2022 13:24

Tgt Ion: 62 Resp: 11949
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.0#

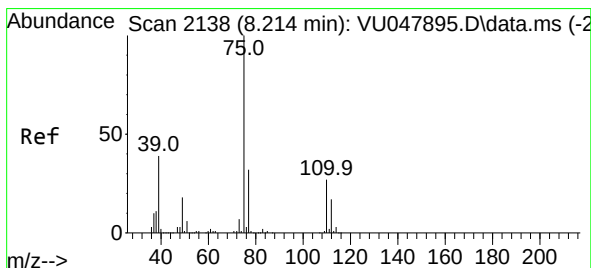
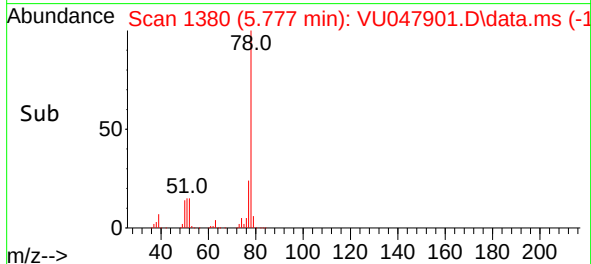
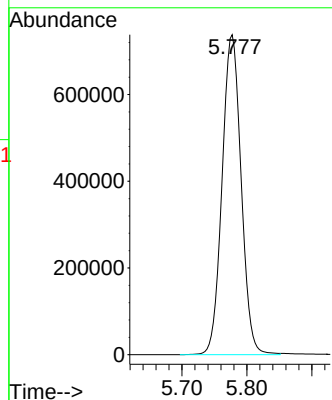
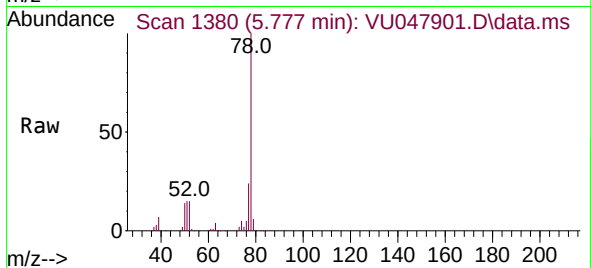




#33
Benzene
Concen: 162.991 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047901.D
Acq: 11 Apr 2022 13:24

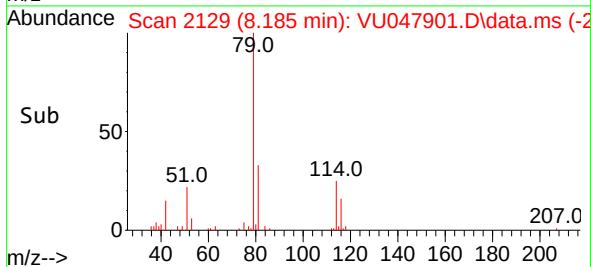
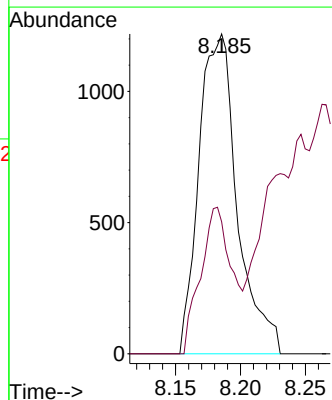
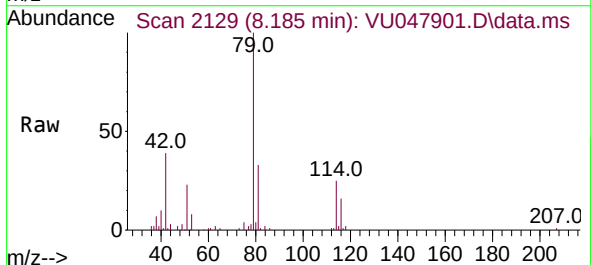
Instrument :
MSVOA_U
ClientSampleId :

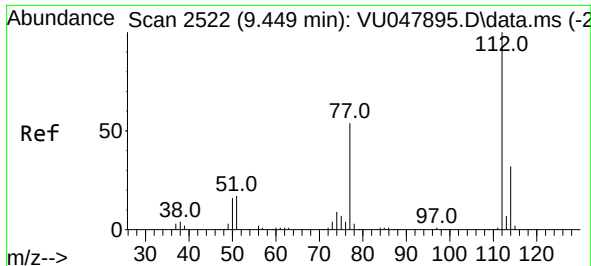
Tgt Ion: 78 Resp: 1501136



#44
trans-1,3-Dichloropropene
Concen: 0.689 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU047901.D
Acq: 11 Apr 2022 13:24

Tgt Ion: 75 Resp: 2498
Ion Ratio Lower Upper
75 100
77 41.3 22.0 40.8#

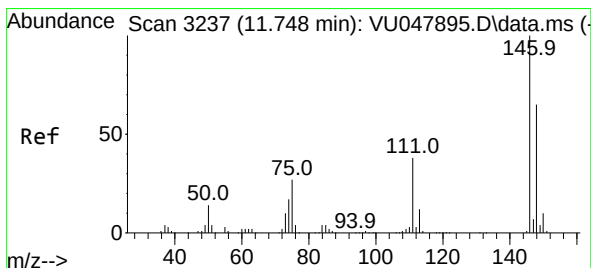
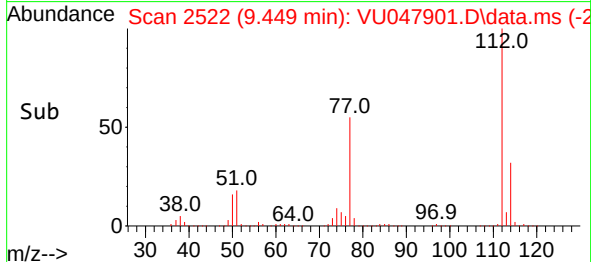
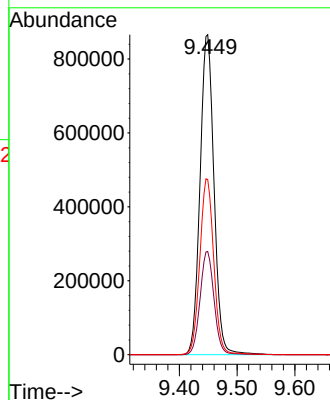
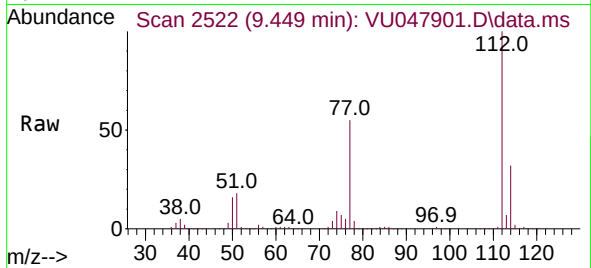




#51
Chlorobenzene
Concen: 211.913 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047901.D
Acq: 11 Apr 2022 13:24

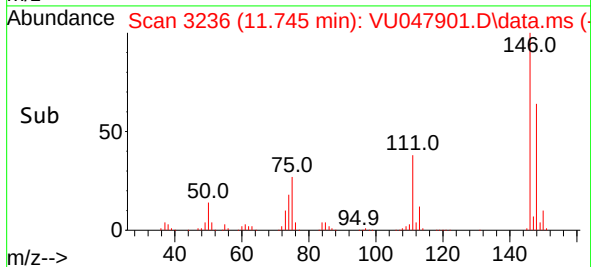
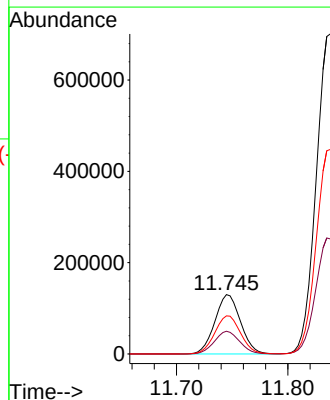
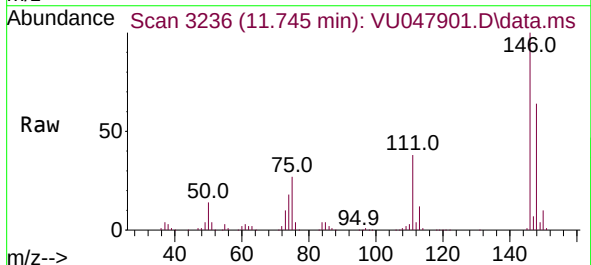
Instrument :
MSVOA_U
ClientSampleId :

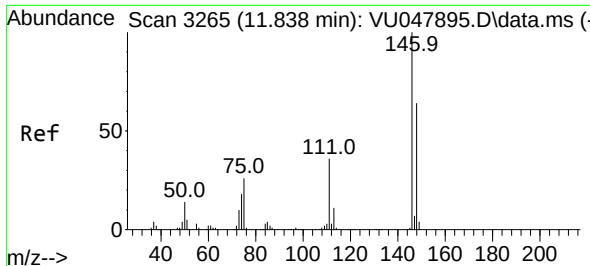
Tgt Ion:112 Resp: 1454051
Ion Ratio Lower Upper
112 100
114 32.2 22.1 41.1
77 54.8 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 37.737 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.003 min
Lab File: VU047901.D
Acq: 11 Apr 2022 13:24

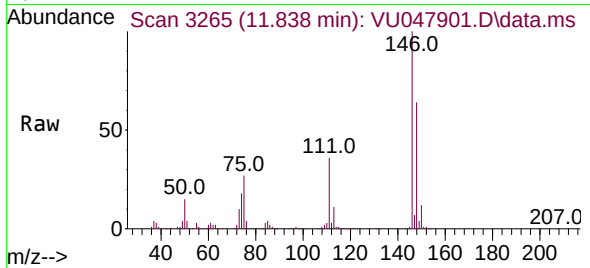
Tgt Ion:146 Resp: 207575
Ion Ratio Lower Upper
146 100
111 38.2 26.7 49.7
148 64.3 44.4 82.5



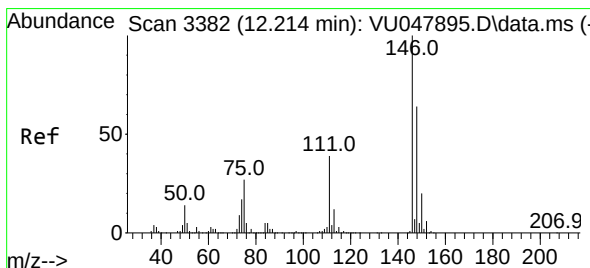
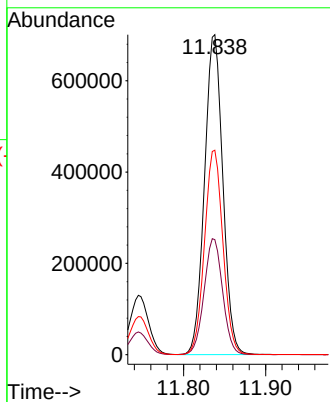
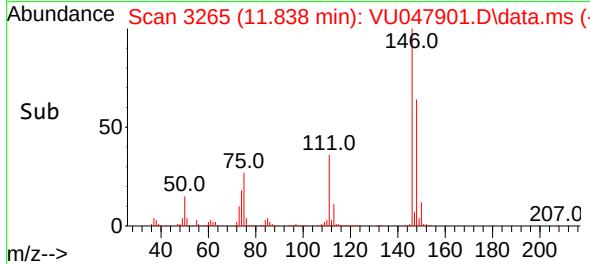


#65
1,4-Dichlorobenzene
Concen: 190.674 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047901.D
Acq: 11 Apr 2022 13:24

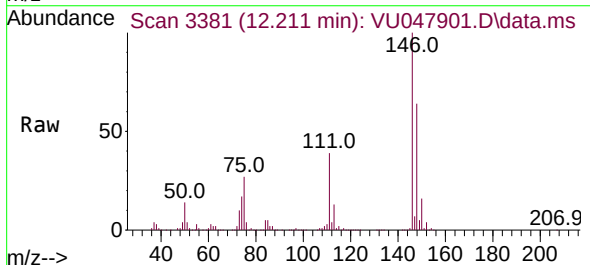
Instrument :
MSVOA_U
ClientSampleId :



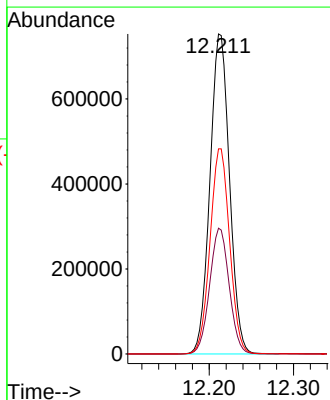
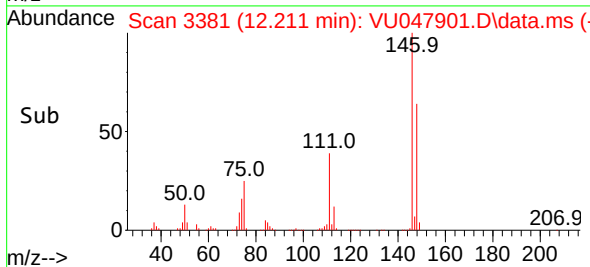
Tgt Ion:146 Resp: 1086366
Ion Ratio Lower Upper
146 100
111 35.9 25.3 47.1
148 63.9 44.5 82.7

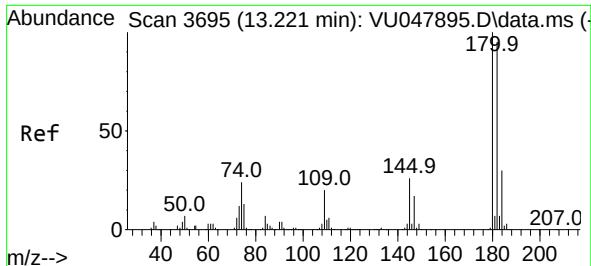


#67
1,2-Dichlorobenzene
Concen: 220.311 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU047901.D
Acq: 11 Apr 2022 13:24



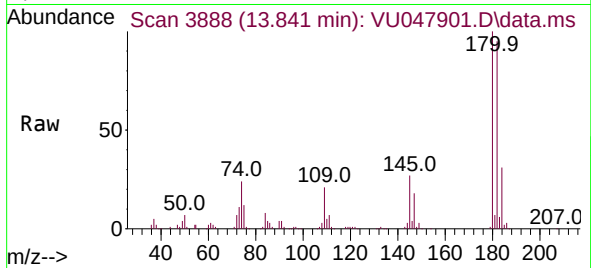
Tgt Ion:146 Resp: 1212566
Ion Ratio Lower Upper
146 100
111 39.3 31.7 47.5
148 64.1 51.4 77.2



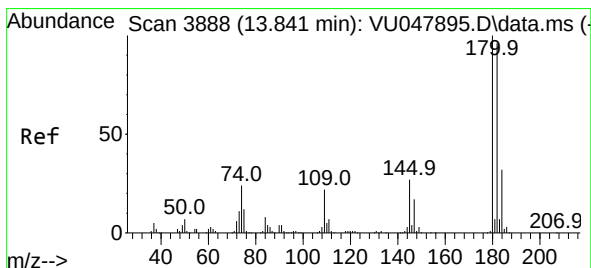
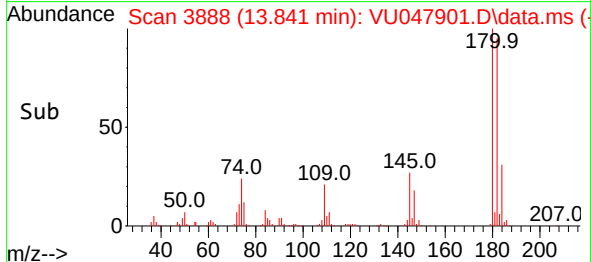
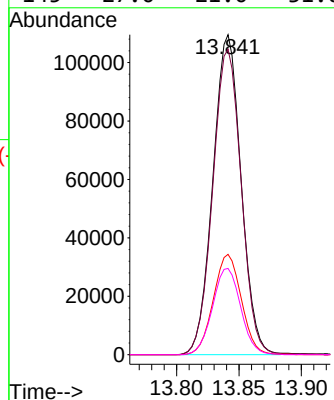


#69
 1,3,5-Trichlorobenzene
 Concen: 38.582 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.621 min
 Lab File: VU047901.D
 Acq: 11 Apr 2022 13:24

Instrument :
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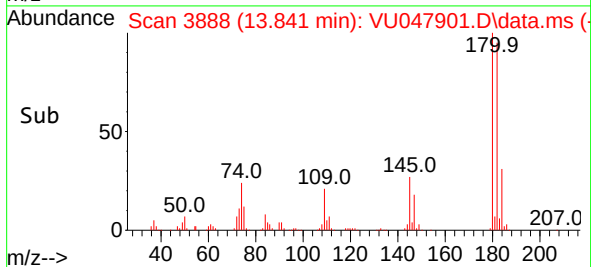
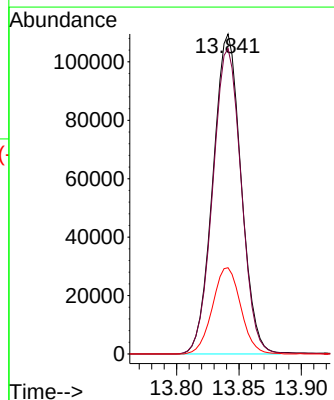
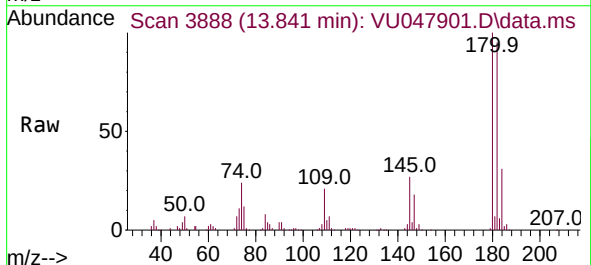


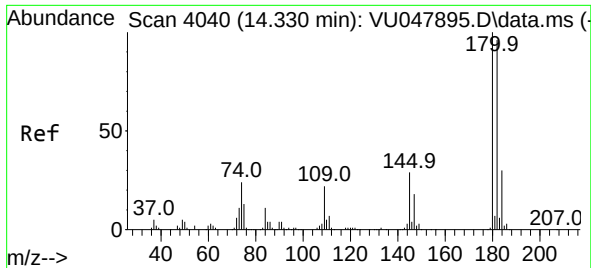
Tgt Ion:180 Resp: 172357
 Ion Ratio Lower Upper
 180 100
 182 96.5 77.0 115.6
 184 31.2 24.5 36.7
 145 27.0 21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 44.048 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047901.D
 Acq: 11 Apr 2022 13:24

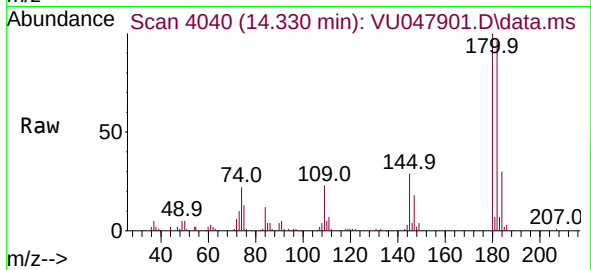
Tgt Ion:180 Resp: 172357
 Ion Ratio Lower Upper
 180 100
 182 96.5 76.2 114.2
 145 27.0 21.8 32.8





#72
 1,2,3-Trichlorobenzene
 Concen: 16.464 ug/L
 RT: 14.330 min Scan# 4040
 Delta R.T. 0.000 min
 Lab File: VU047901.D
 Acq: 11 Apr 2022 13:24

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	64583
Ion Ratio	Lower	Upper	
180	100		
182	97.0	77.4	116.0
145	29.1	22.8	34.2

