

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
 Data File : VU047902.D
 Acq On : 11 Apr 2022 13:47
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 12 02:02:35 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)

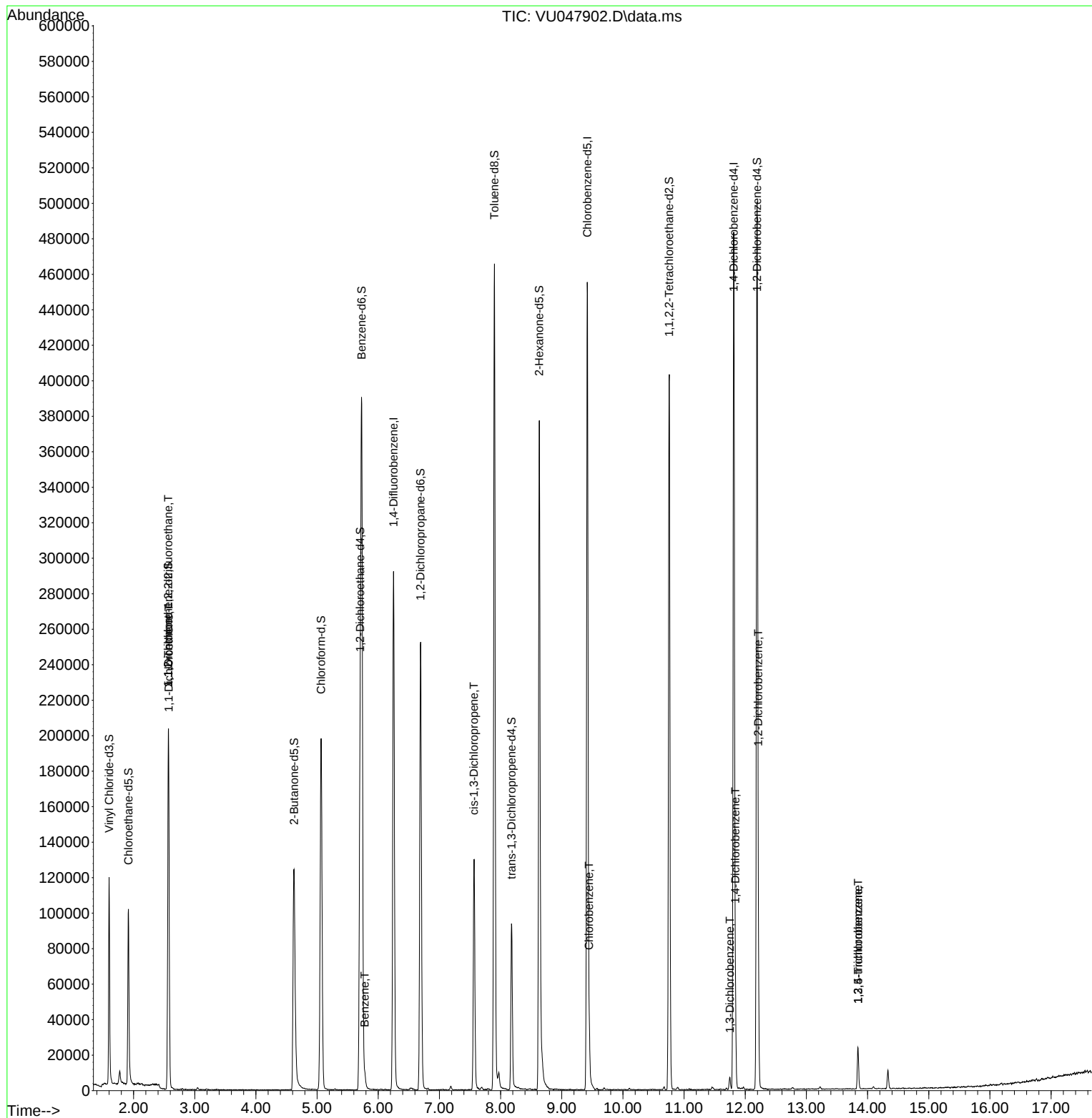
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	254672	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	275277	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	136262	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	85705	46.408	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.820%
7) Chloroethane-d5	1.916	69	77613	53.298	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.600%
11) 1,1-Dichloroethene-d2	2.568	63	115684	34.238	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.480%
21) 2-Butanone-d5	4.623	46	185978	117.326	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.330%
24) Chloroform-d	5.067	84	184757	54.676	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.360%
26) 1,2-Dichloroethane-d4	5.703	65	127118	61.336	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	122.680%
32) Benzene-d6	5.729	84	365315	52.740	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.480%
36) 1,2-Dichloropropane-d6	6.690	67	121407	57.072	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.140%
41) Toluene-d8	7.899	98	317668	47.071	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.140%
43) trans-1,3-Dichloroprop...	8.179	79	54113	50.211	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.420%
47) 2-Hexanone-d5	8.633	63	128343	103.062	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.060%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	198712	54.430	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.860%
66) 1,2-Dichlorobenzene-d4	12.192	152	137298	56.636	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.280%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1172	0.624	ug/L #	18
12) 1,1-Dichloroethene	2.575	96	1002	0.574	ug/L #	1
33) Benzene	5.781	78	5433	0.682	ug/L	100
39) cis-1,3-Dichloropropene	7.565	75	3269	1.040	ug/L #	69
51) Chlorobenzene	9.446	112	15057	2.536	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	3414	0.834	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	20339	4.797	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	20012	4.886	ug/L	98
69) 1,3,5-Trichlorobenzene	13.845	180	8435	2.537	ug/L	95
70) 1,2,4-trichlorobenzene	13.845	180	8435	2.897	ug/L	94

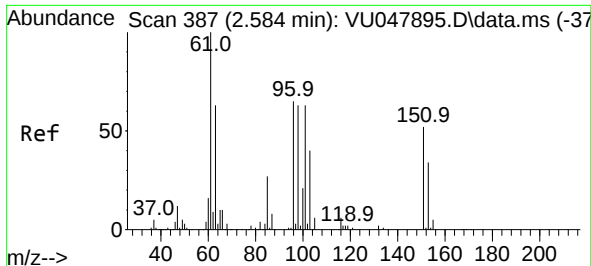
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
Data File : VU047902.D
Acq On : 11 Apr 2022 13:47
Operator : SY/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 12 02:02:35 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

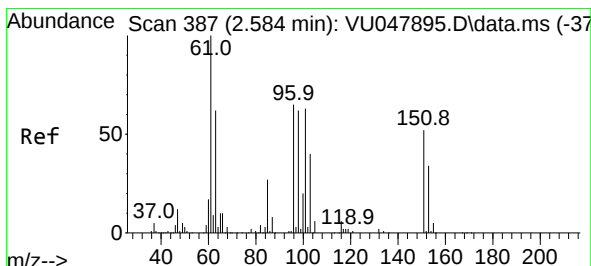
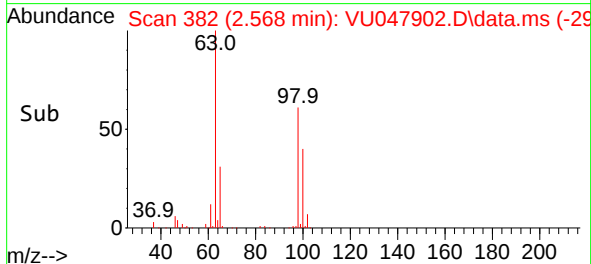
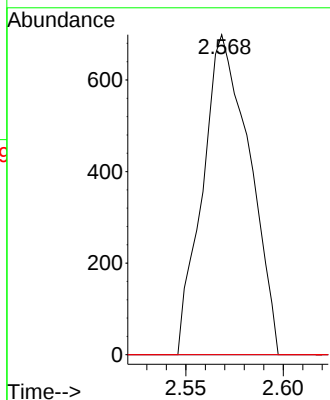
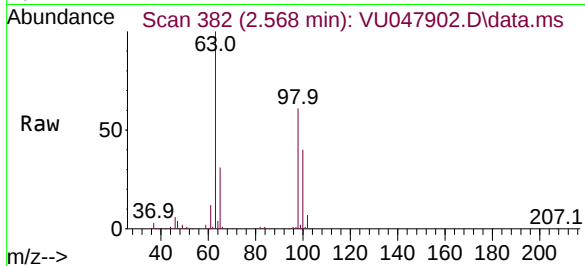




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.624 ug/L
 RT: 2.568 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VU047902.D
 Acq: 11 Apr 2022 13:47

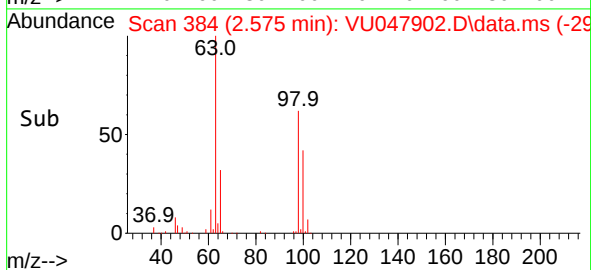
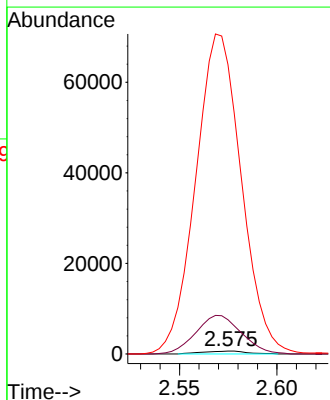
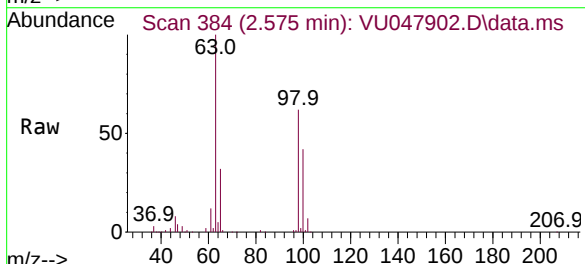
Instrument :
 MSVOA_U
 ClientSampleId :

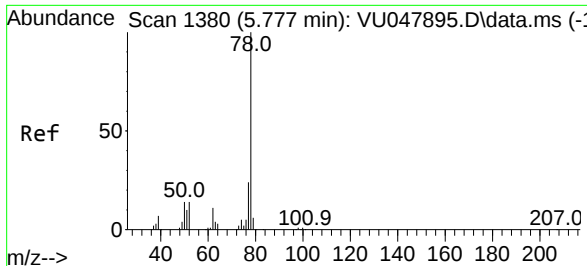
Tgt Ion:101 Resp: 1172
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.574 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.009 min
 Lab File: VU047902.D
 Acq: 11 Apr 2022 13:47

Tgt Ion: 96 Resp: 1002
 Ion Ratio Lower Upper
 96 100
 61 1187.8 113.1 210.1#
 63 10020.1 94.8 176.0#

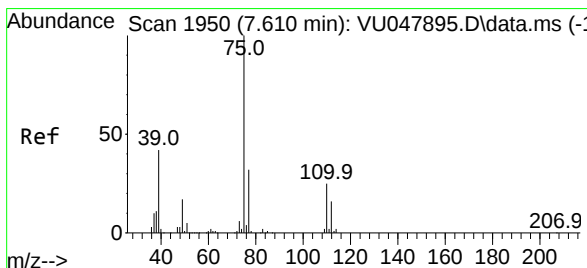
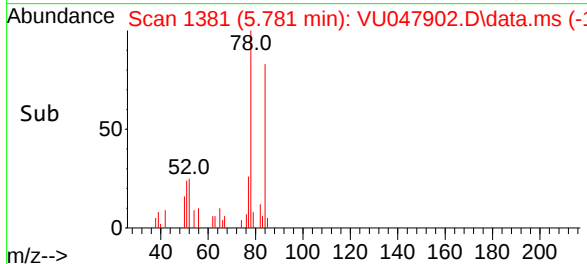
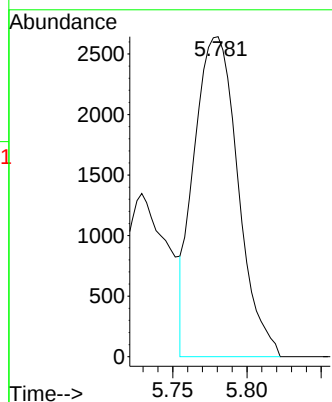
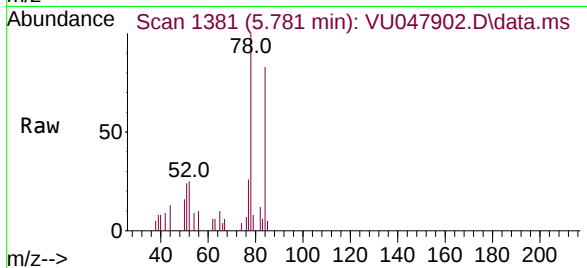




#33
Benzene
Concen: 0.682 ug/L
RT: 5.781 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU047902.D
Acq: 11 Apr 2022 13:47

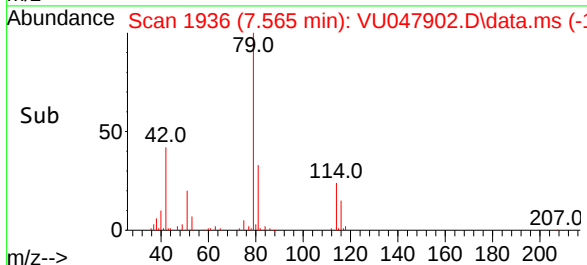
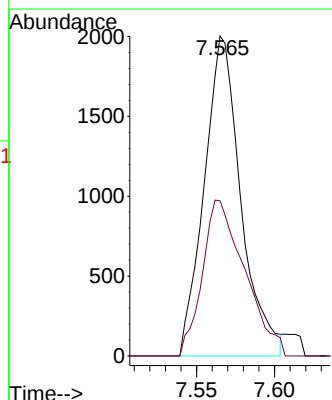
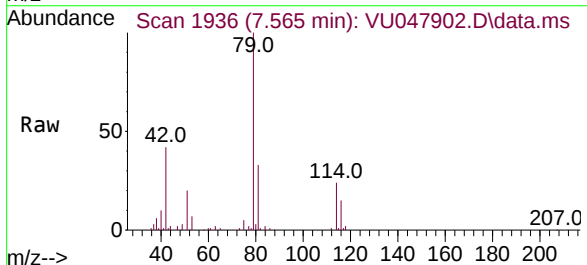
Instrument :
MSVOA_U
ClientSampleId :

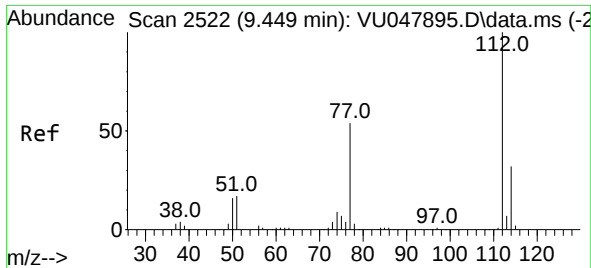
Tgt Ion: 78 Resp: 5433



#39
cis-1,3-Dichloropropene
Concen: 1.040 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.045 min
Lab File: VU047902.D
Acq: 11 Apr 2022 13:47

Tgt Ion: 75 Resp: 3269
Ion Ratio Lower Upper
75 100
77 48.5 21.8 40.6#

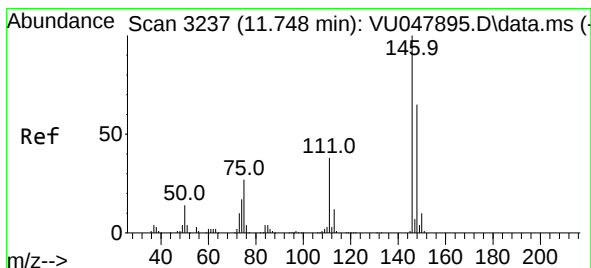
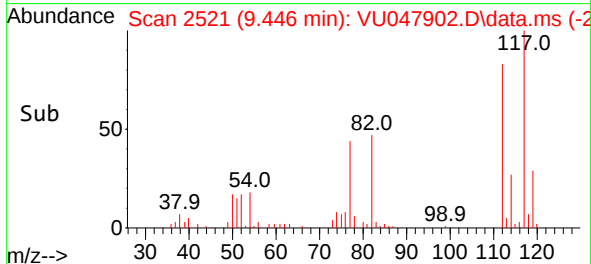
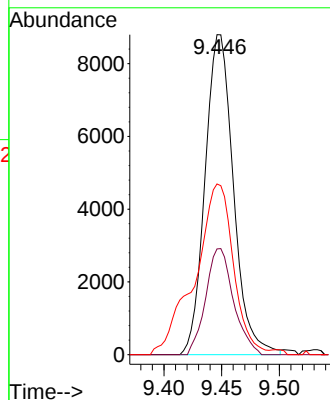
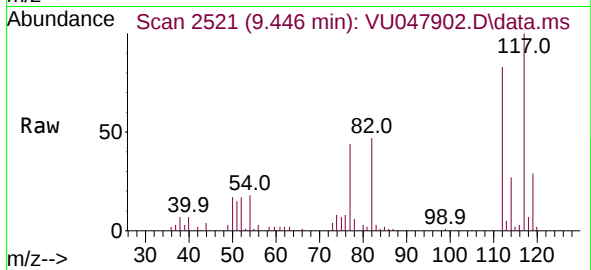




#51
Chlorobenzene
Concen: 2.536 ug/L
RT: 9.446 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047902.D
Acq: 11 Apr 2022 13:47

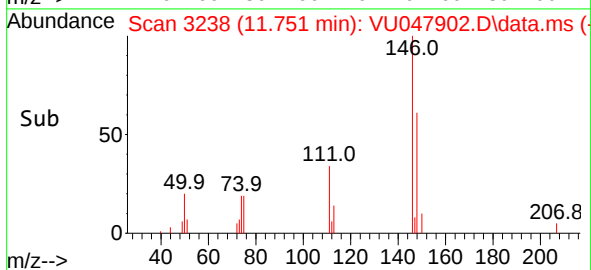
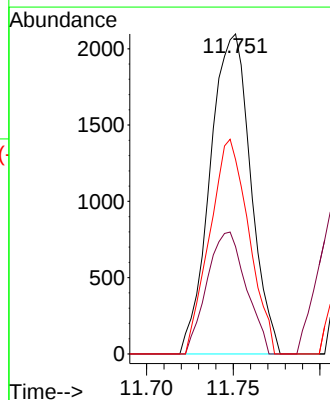
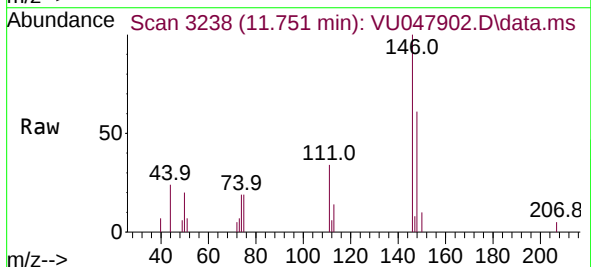
Instrument :
MSVOA_U
ClientSampleId :

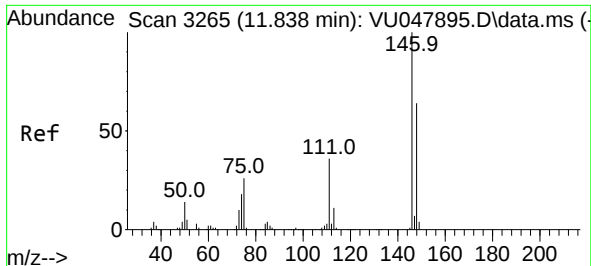
Tgt Ion:112 Resp: 15057
Ion Ratio Lower Upper
112 100
114 33.1 22.1 41.1
77 53.4 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 0.834 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.003 min
Lab File: VU047902.D
Acq: 11 Apr 2022 13:47

Tgt Ion:146 Resp: 3414
Ion Ratio Lower Upper
146 100
111 33.6 26.7 49.7
148 60.8 44.4 82.5

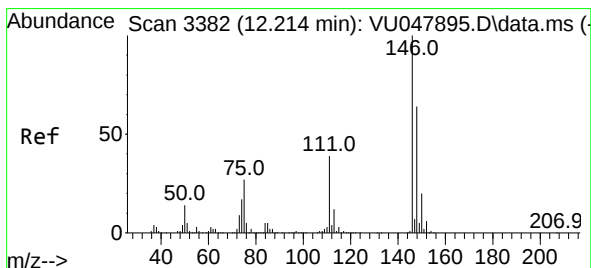
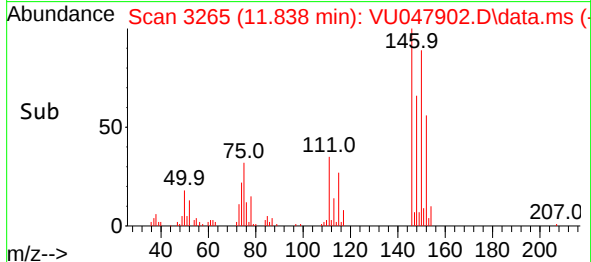
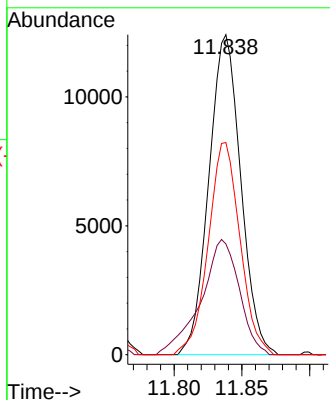
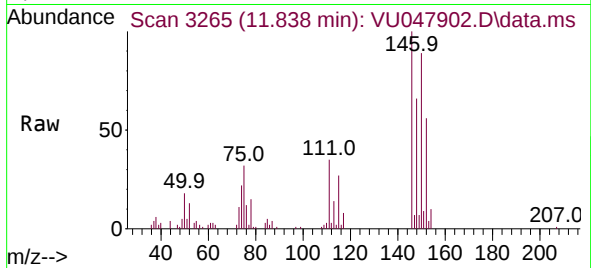




#65
1,4-Dichlorobenzene
Concen: 4.797 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047902.D
Acq: 11 Apr 2022 13:47

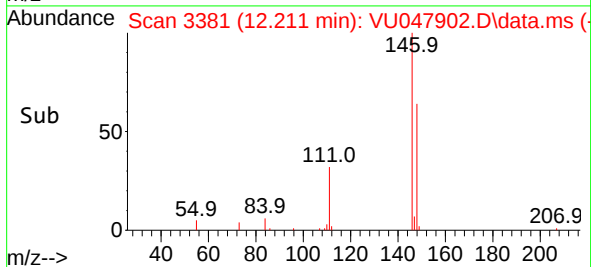
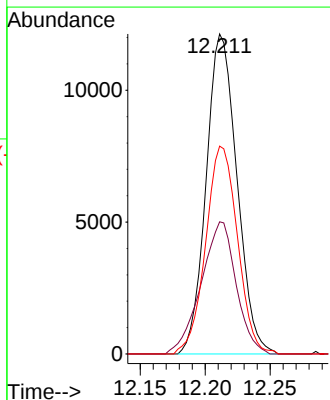
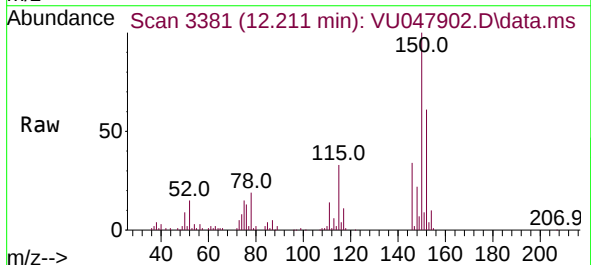
Instrument :
MSVOA_U
ClientSampleId :

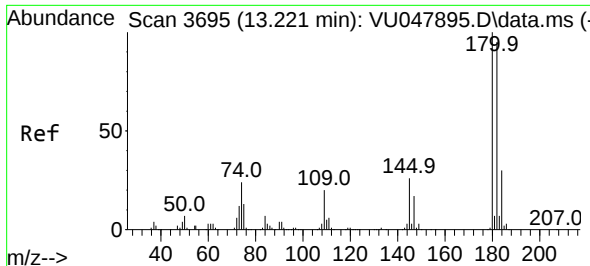
Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.6	25.3	47.1
148	66.3	44.5	82.7



#67
1,2-Dichlorobenzene
Concen: 4.886 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU047902.D
Acq: 11 Apr 2022 13:47

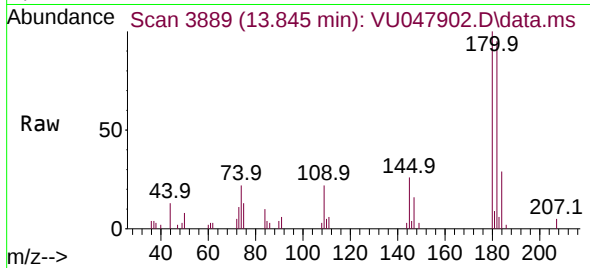
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	31.7	47.5
148	65.0	51.4	77.2



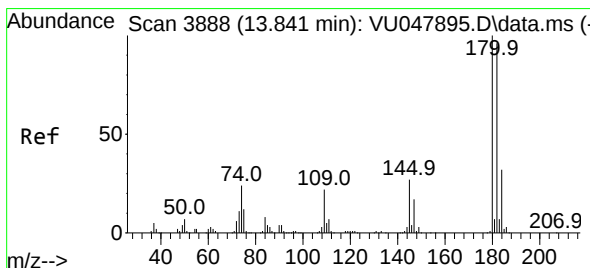
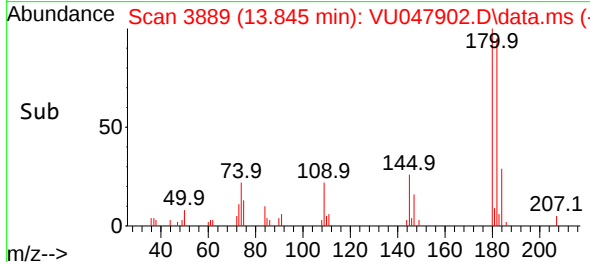
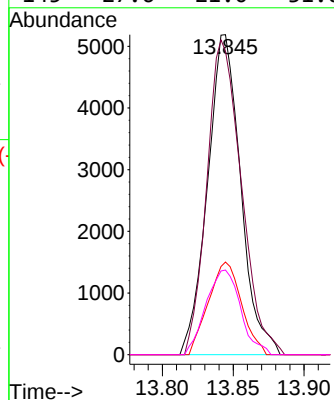


#69
 1,3,5-Trichlorobenzene
 Concen: 2.537 ug/L
 RT: 13.845 min Scan# 3889
 Delta R.T. 0.624 min
 Lab File: VU047902.D
 Acq: 11 Apr 2022 13:47

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 8435
 Ion Ratio Lower Upper
 180 100
 182 101.9 77.0 115.6
 184 28.9 24.5 36.7
 145 27.6 21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 2.897 ug/L
 RT: 13.845 min Scan# 3889
 Delta R.T. 0.003 min
 Lab File: VU047902.D
 Acq: 11 Apr 2022 13:47

Tgt Ion:180 Resp: 8435
 Ion Ratio Lower Upper
 180 100
 182 101.9 76.2 114.2
 145 27.6 21.8 32.8

