

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090322\
 Data File : VU050612.D
 Acq On : 03 Sep 2022 15:13
 Operator : SY/MD
 Sample : N4458-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Sep 05 01:07:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 05 01:05:15 2022
 Response via : Initial Calibration

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

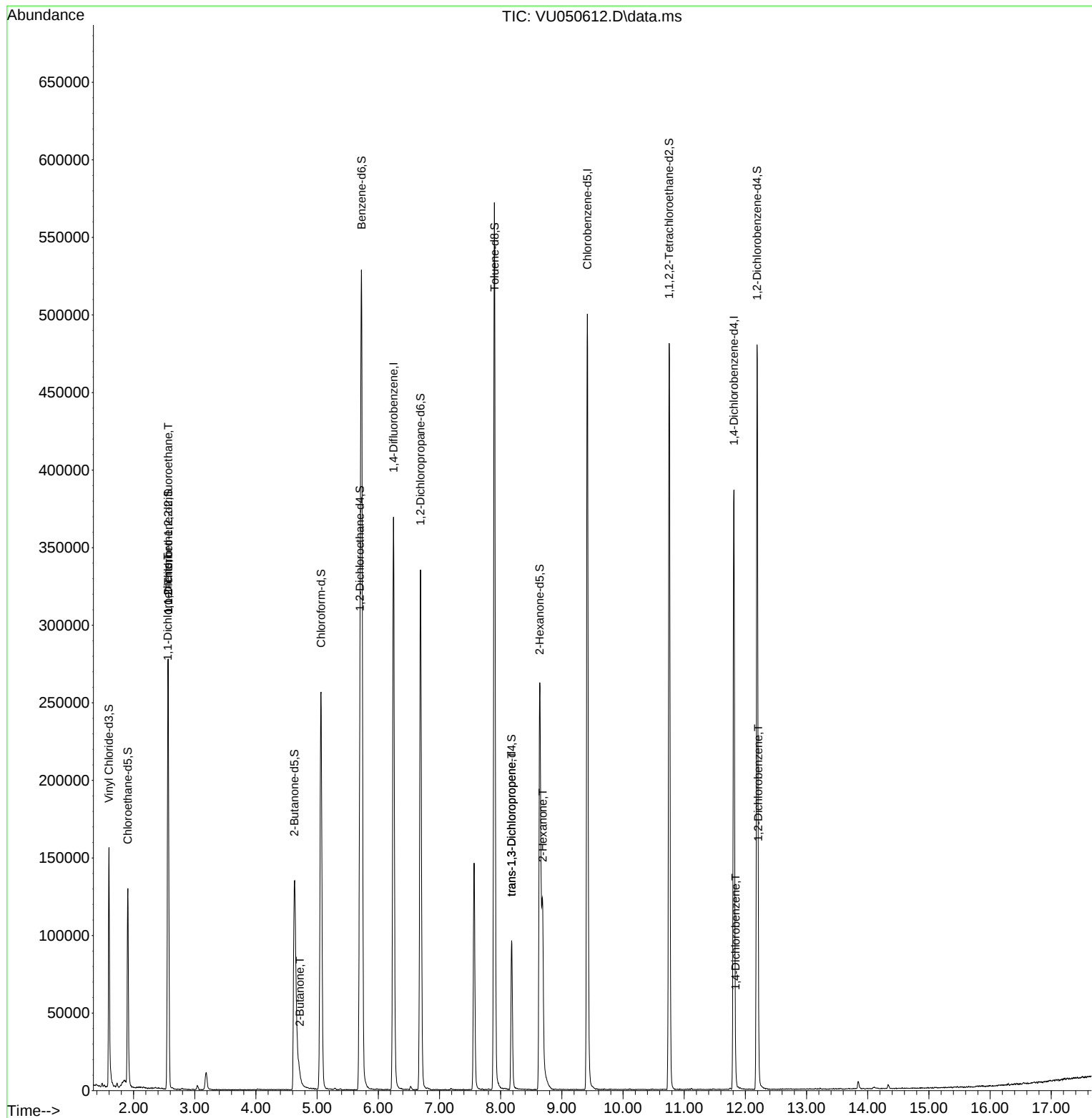
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	308399	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	289144	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	106082	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	125067	47.414	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	94.820%	
7) Chloroethane-d5	1.906	69	96421	54.055	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	108.100%	
11) 1,1-Dichloroethene-d2	2.565	63	165728	35.554	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	71.100%	
21) 2-Butanone-d5	4.629	46	210106	108.870	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	108.870%	
24) Chloroform-d	5.063	84	247285	49.464	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.920%	
26) 1,2-Dichloroethane-d4	5.700	65	159806	52.310	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.620%	
32) Benzene-d6	5.726	84	499301	52.254	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.500%	
36) 1,2-Dichloropropane-d6	6.690	67	171637	54.710	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	109.420%	
41) Toluene-d8	7.899	98	398120	48.722	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	97.440%	
43) trans-1,3-Dichloroprop...	8.179	79	57592	44.368	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	88.740%	
47) 2-Hexanone-d5	8.636	63	78861	99.935	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	99.940%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	250164	52.694	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	105.380%	
66) 1,2-Dichlorobenzene-d4	12.192	152	132001	53.155	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	106.320%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1545	0.641	ug/L #	21
12) 1,1-Dichloroethene	2.559	96	793	0.339	ug/L #	1
22) 2-Butanone	4.716	43	5583	2.452	ug/L	77
44) trans-1,3-Dichloropropene	8.179	75	2354	0.667	ug/L	92
48) 2-Hexanone	8.687	43	61747	17.468	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	3149	0.862	ug/L #	81
67) 1,2-Dichlorobenzene	12.211	146	3516	0.894	ug/L #	90

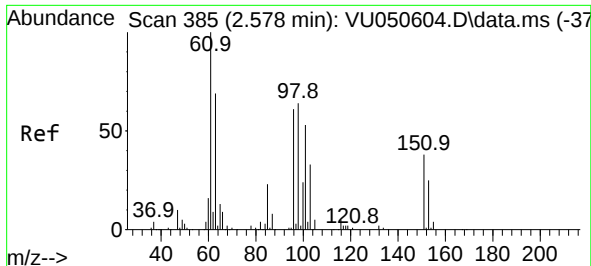
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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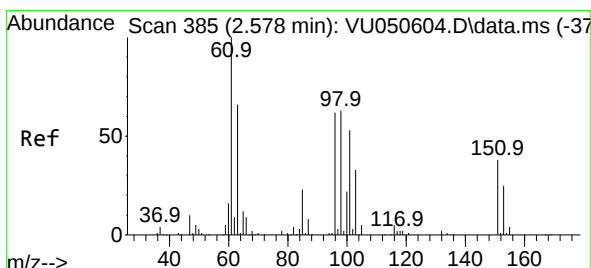
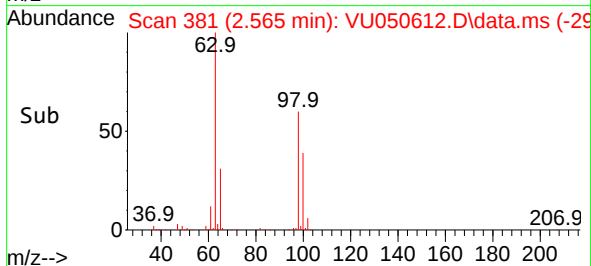
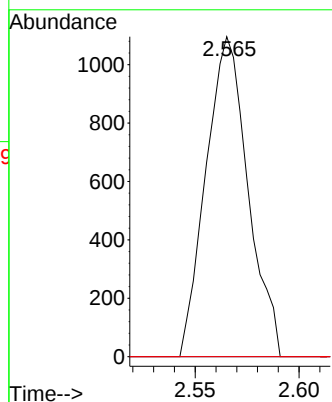
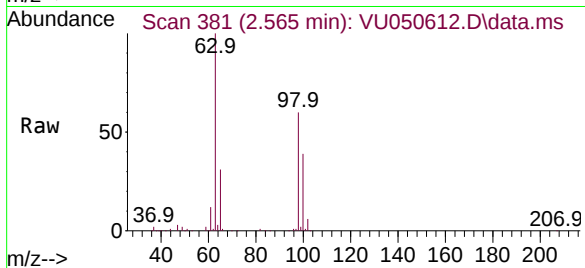




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.641 ug/L
RT: 2.565 min Scan# 311
Delta R.T. -0.013 min
Lab File: VU050612.D
Acq: 03 Sep 2022 15:13

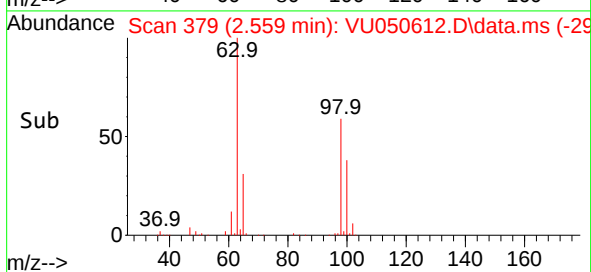
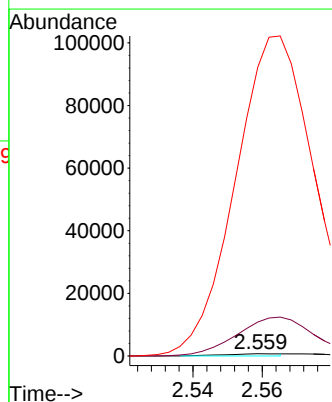
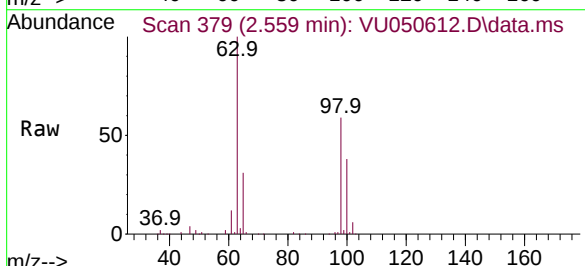
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

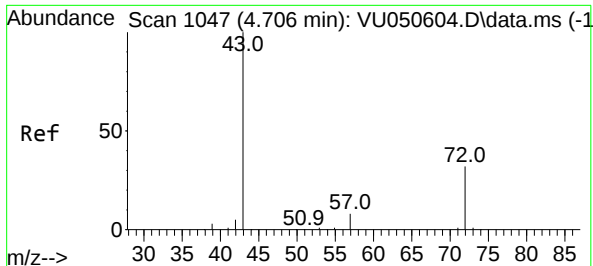
Tgt Ion:101 Resp: 1545
Ion Ratio Lower Upper
101 100
85 0.0 34.4 51.6#
151 0.0 57.7 86.5#



#12
1,1-Dichloroethene
Concen: 0.339 ug/L
RT: 2.559 min Scan# 379
Delta R.T. -0.019 min
Lab File: VU050612.D
Acq: 03 Sep 2022 15:13

Tgt Ion: 96 Resp: 793
Ion Ratio Lower Upper
96 100
61 1539.3 118.0 219.1#
63 13086.0 79.5 147.7#

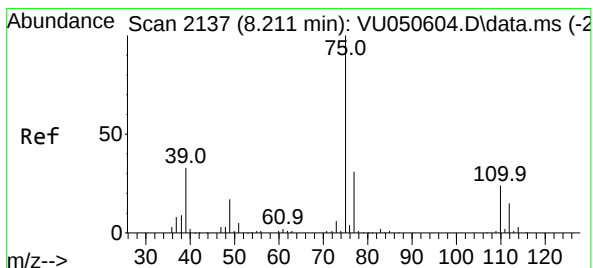
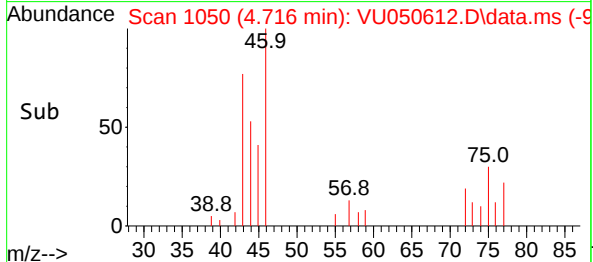
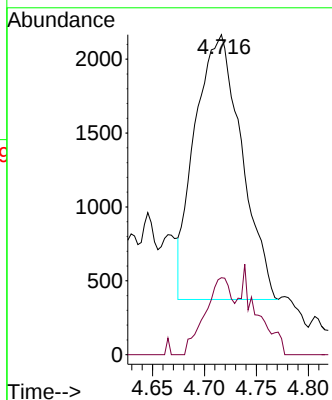
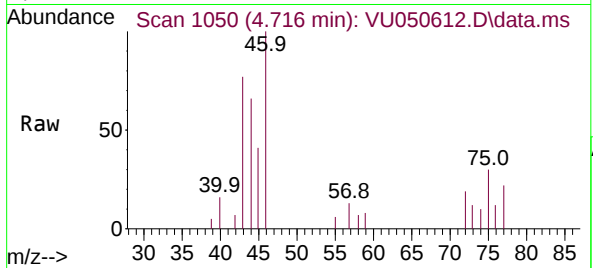




#22
2-Butanone
Concen: 2.452 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. 0.010 min
Lab File: VU050612.D
Acq: 03 Sep 2022 15:13

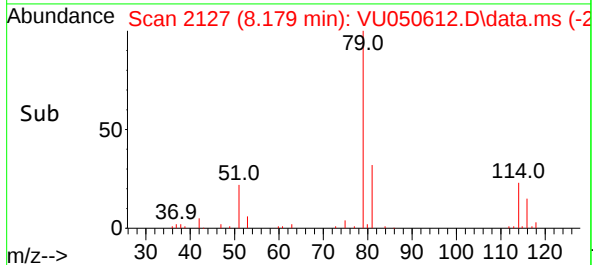
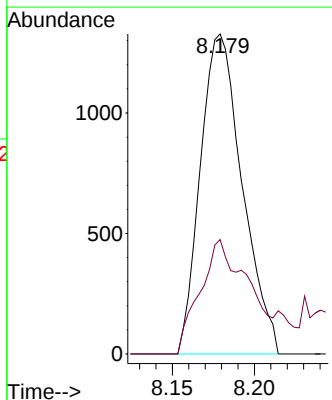
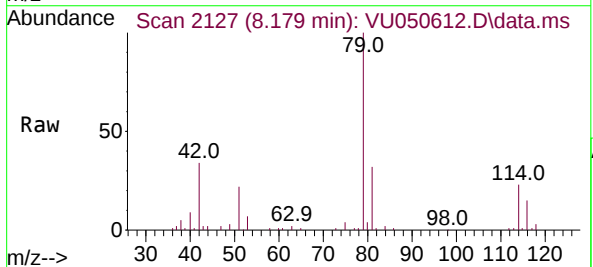
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

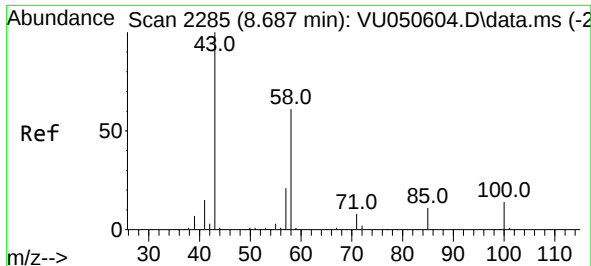
Tgt Ion: 43 Resp: 5583
Ion Ratio Lower Upper
43 100
72 17.0 14.6 44.0



#44
trans-1,3-Dichloropropene
Concen: 0.667 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.032 min
Lab File: VU050612.D
Acq: 03 Sep 2022 15:13

Tgt Ion: 75 Resp: 2354
Ion Ratio Lower Upper
75 100
77 35.8 22.1 41.1

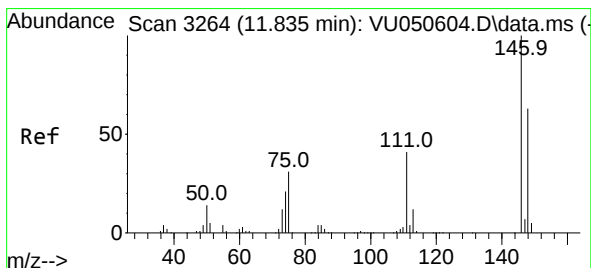
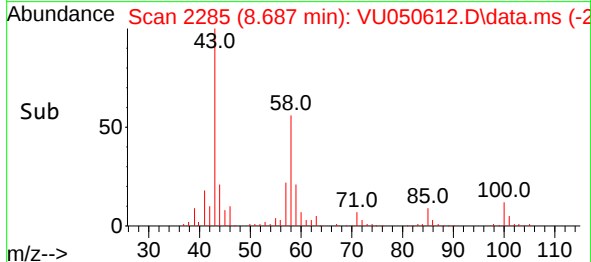
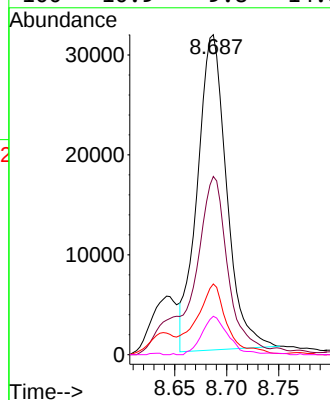
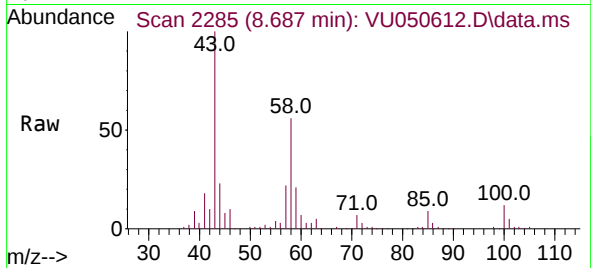




#48
2-Hexanone
Concen: 17.468 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050612.D
Acq: 03 Sep 2022 15:13

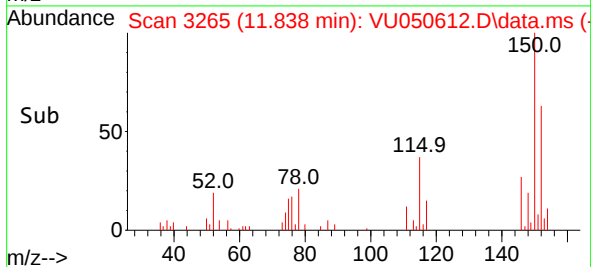
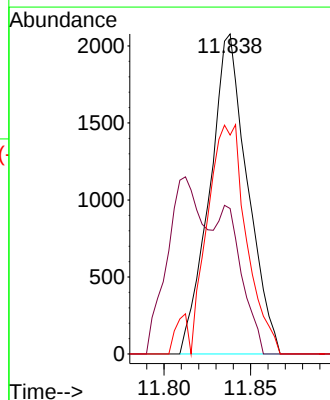
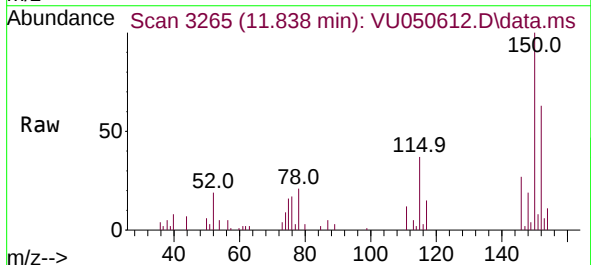
Instrument :
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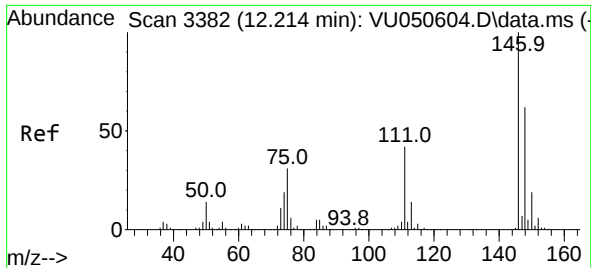
Tgt Ion: 43	Resp: 61747
Ion Ratio	Lower Upper
43 100	
58 68.3	51.8 77.6
57 19.4	17.0 25.4
100 10.9	9.8 14.8



#65
1,4-Dichlorobenzene
Concen: 0.862 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU050612.D
Acq: 03 Sep 2022 15:13

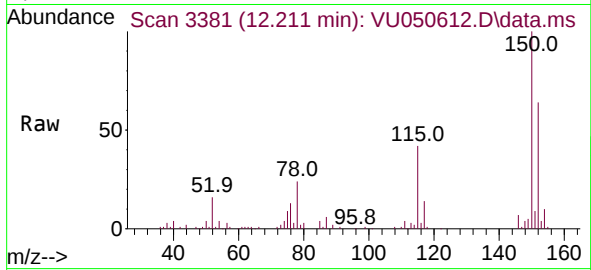
Tgt Ion:146	Resp:	3149	
Ion	Ratio	Lower	Upper
146	100		
111	45.5	27.9	51.7
148	83.5	44.4	82.4#





#67
 1,2-Dichlorobenzene
 Concen: 0.894 ug/L
 RT: 12.211 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU050612.D
 Acq: 03 Sep 2022 15:13

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001



Tgt Ion:	146	Resp:	3516
Ion	Ratio	Lower	Upper
146	100		
111	56.8	35.1	52.7#
148	62.2	51.8	77.6

