

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090322\
 Data File : VU050605.D
 Acq On : 03 Sep 2022 12:27
 Operator : SY/MD
 Sample : VU0903MBL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK179

Quant Time: Sep 05 01:06:08 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)

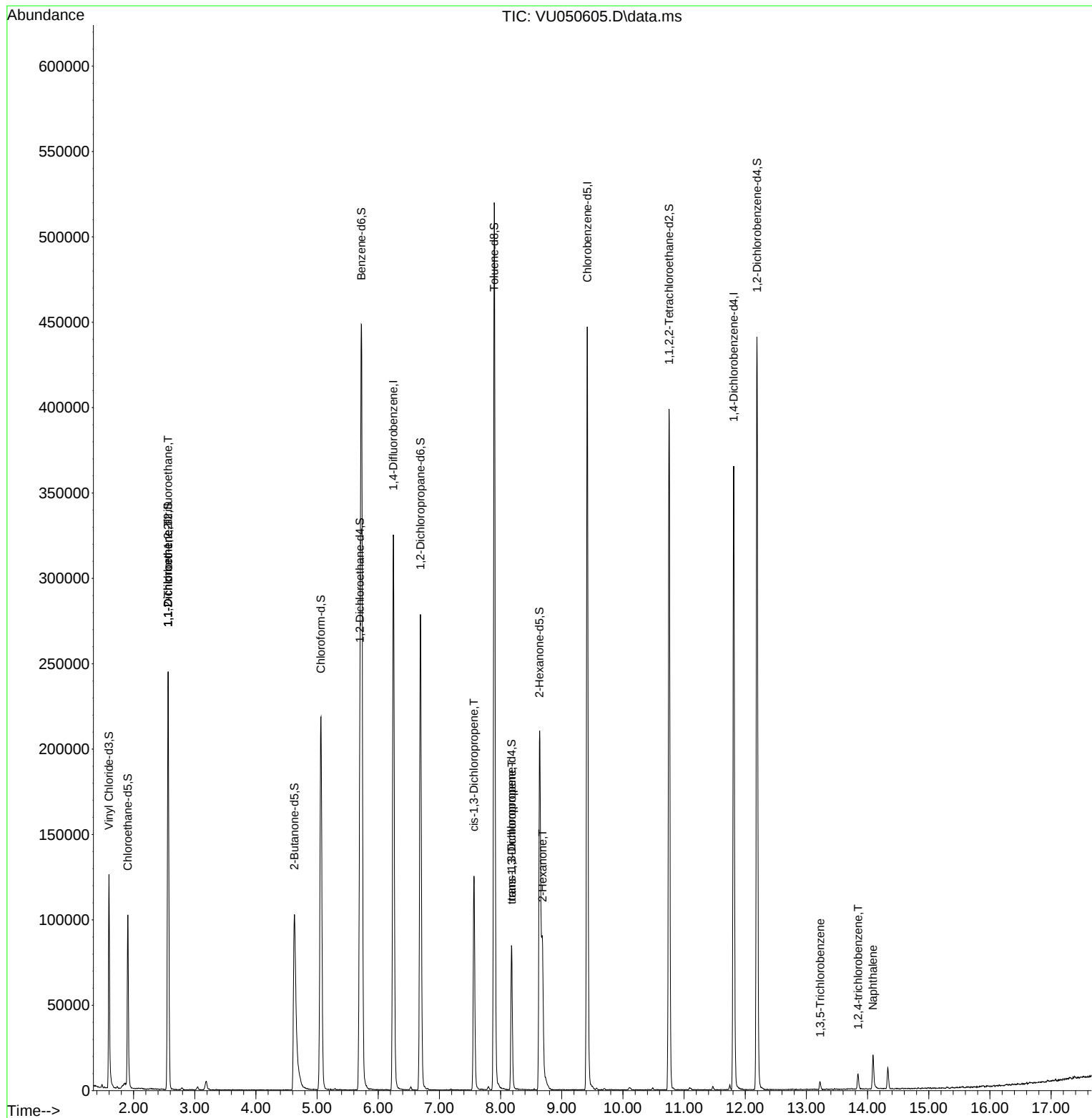
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	276066	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	261281	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	100114	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	99696	42.222	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.440%		
7) Chloroethane-d5	1.906	69	73344	45.933	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.860%		
11) 1,1-Dichloroethene-d2	2.565	63	143700	34.439	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.880%		
21) 2-Butanone-d5	4.629	46	164329	95.123	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.120%		
24) Chloroform-d	5.060	84	211711	47.308	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.620%		
26) 1,2-Dichloroethane-d4	5.700	65	134622	49.228	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.460%		
32) Benzene-d6	5.726	84	431215	49.941	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.880%		
36) 1,2-Dichloropropane-d6	6.690	67	143080	50.471	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.940%		
41) Toluene-d8	7.896	98	362335	49.071	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.140%		
43) trans-1,3-Dichloroprop...	8.179	79	50166	42.769	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.540%		
47) 2-Hexanone-d5	8.635	63	66507	93.268	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.270%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	204750	47.728	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.460%		
66) 1,2-Dichlorobenzene-d4	12.192	152	119923	51.170	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.340%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1404	0.651	ug/L #	23
12) 1,1-Dichloroethene	2.565	96	1194	0.570	ug/L #	1
39) cis-1,3-Dichloropropene	7.565	75	3193	0.939	ug/L #	55
44) trans-1,3-Dichloropropene	8.182	75	2284	0.716	ug/L	90
48) 2-Hexanone	8.687	43	42841	13.412	ug/L	91
69) 1,3,5-Trichlorobenzene	13.224	180	1880	0.743	ug/L	96
70) 1,2,4-trichlorobenzene	13.844	180	3635	1.692	ug/L	96
71) Naphthalene	14.089	128	20203	2.652	ug/L	96

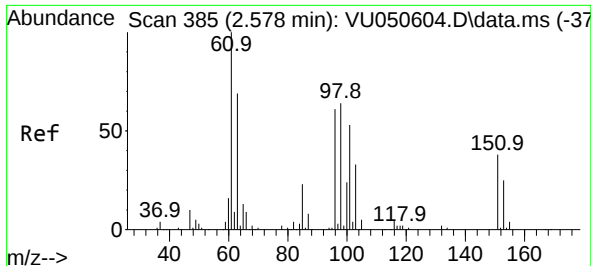
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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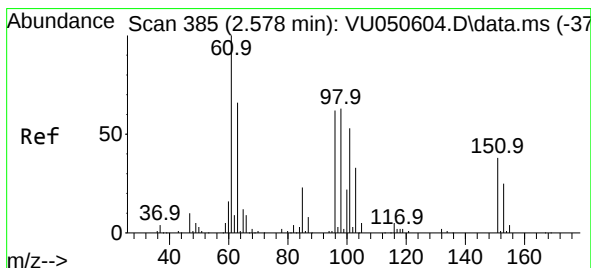
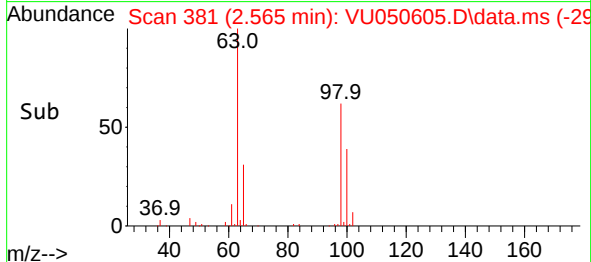
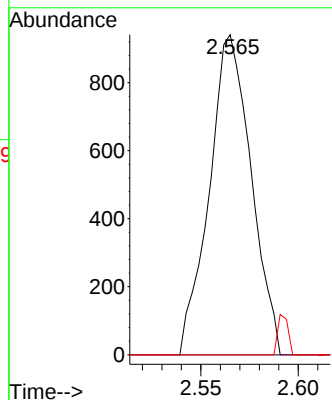
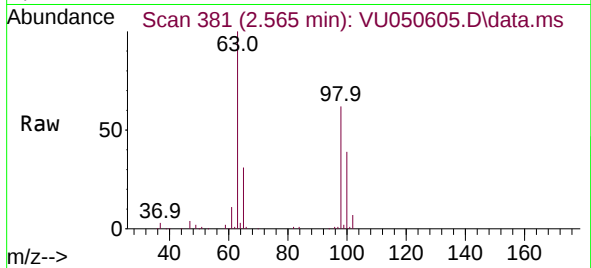




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.651 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU050605.D
 Acq: 03 Sep 2022 12:27

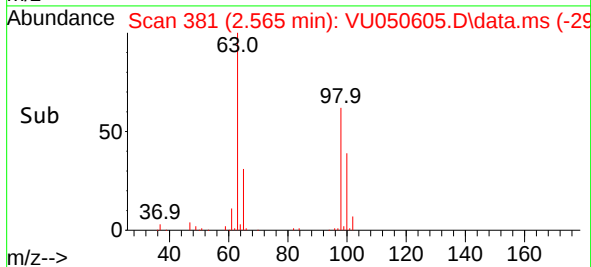
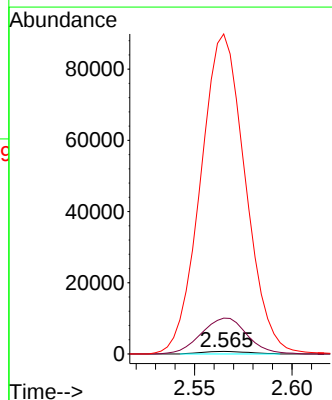
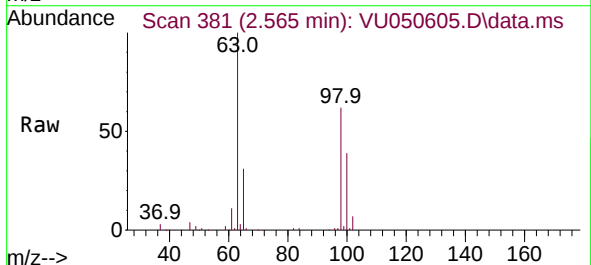
Instrument :
 MSVOA_U
 ClientSampleId :
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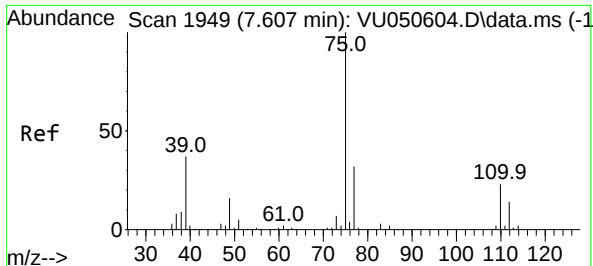
Tgt Ion:101 Resp: 1404
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.4 51.6#
 151 3.1 57.7 86.5#



#12
 1,1-Dichloroethene
 Concen: 0.570 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU050605.D
 Acq: 03 Sep 2022 12:27

Tgt Ion: 96 Resp: 1194
 Ion Ratio Lower Upper
 96 100
 61 1426.4 118.0 219.1#
 63 12747.8 79.5 147.7#





#39

cis-1,3-Dichloropropene

Concen: 0.939 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU050605.D

Acq: 03 Sep 2022 12:27

Instrument :

MSVOA_U

ClientSampleId :

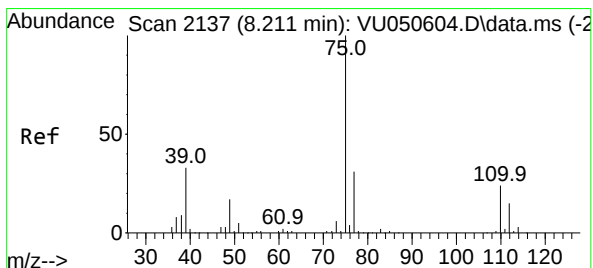
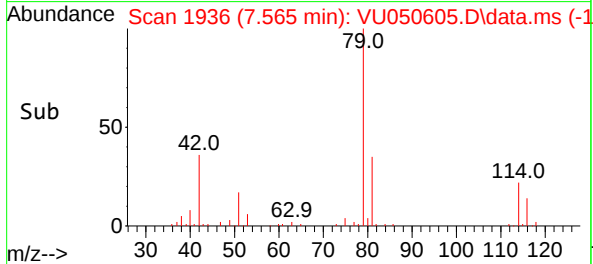
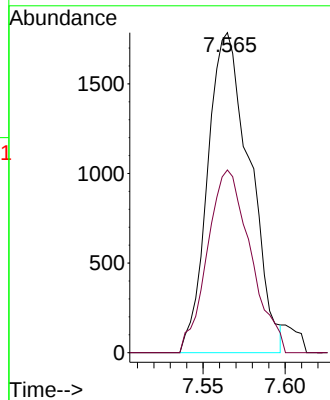
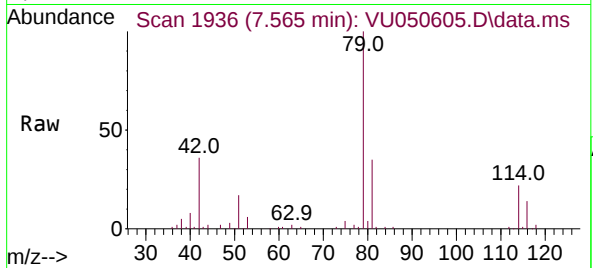
VBLK179

Tgt Ion: 75 Resp: 3193

Ion Ratio Lower Upper

75 100

77 57.1 22.5 41.7#



#44

trans-1,3-Dichloropropene

Concen: 0.716 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU050605.D

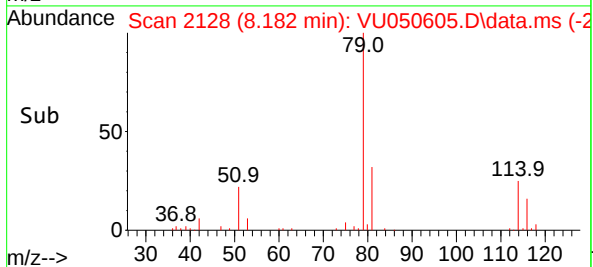
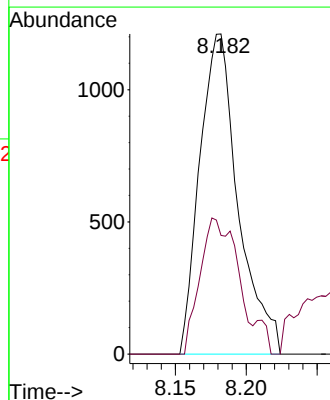
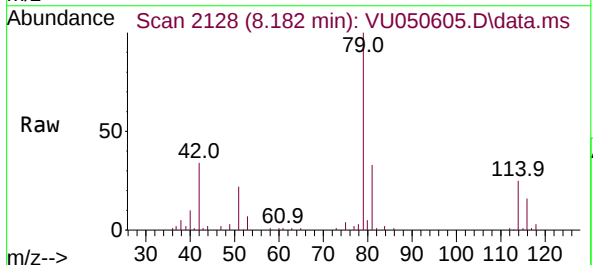
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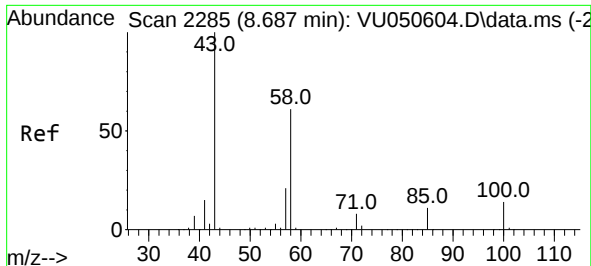
Tgt Ion: 75 Resp: 2284

Ion Ratio Lower Upper

75 100

77 37.1 22.1 41.1

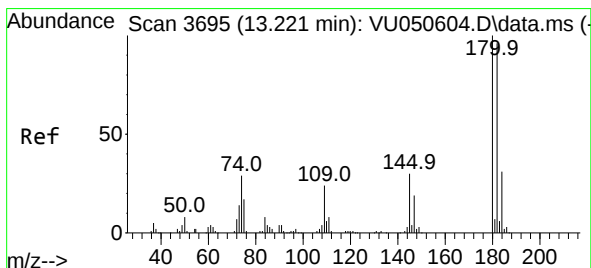
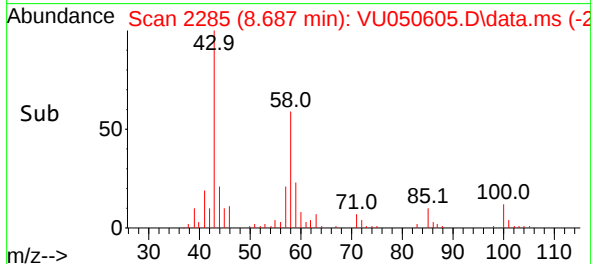
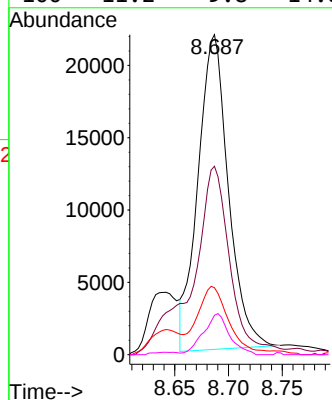
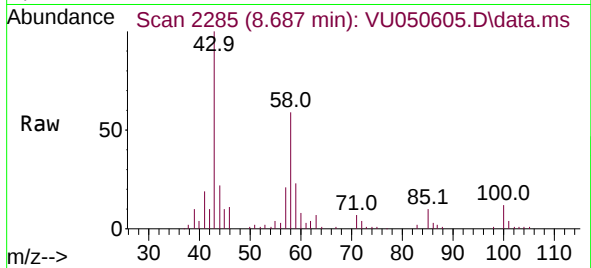




#48
2-Hexanone
Concen: 13.412 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050605.D
Acq: 03 Sep 2022 12:27

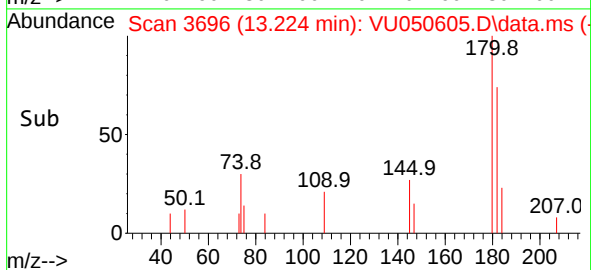
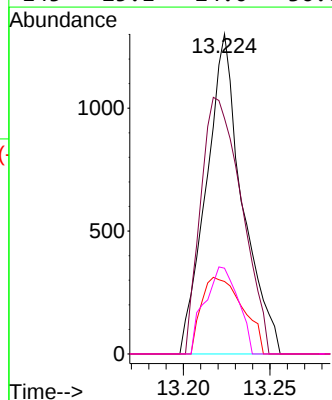
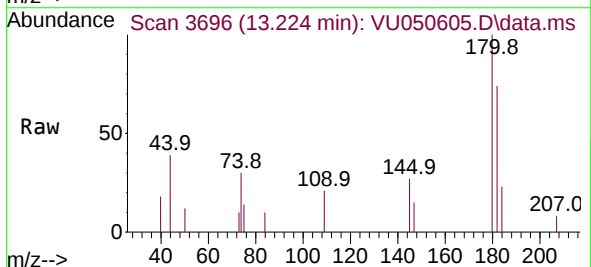
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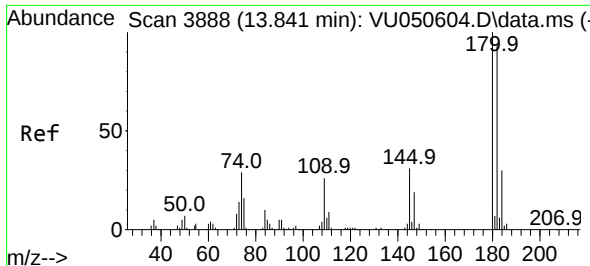
Tgt Ion: 43	Resp: 42841
Ion Ratio	Lower Upper
43 100	
58 54.8	51.8 77.6
57 20.1	17.0 25.4
100 11.2	9.8 14.8



#69
1,3,5-Trichlorobenzene
Concen: 0.743 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. 0.003 min
Lab File: VU050605.D
Acq: 03 Sep 2022 12:27

Tgt Ion:180	Resp: 1880
Ion Ratio	Lower Upper
180 100	
182 91.3	75.3 112.9
184 27.5	23.8 35.8
145 25.1	24.0 36.0

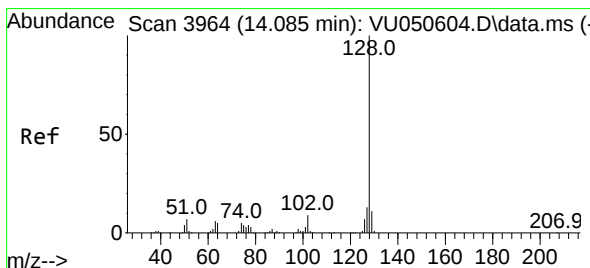
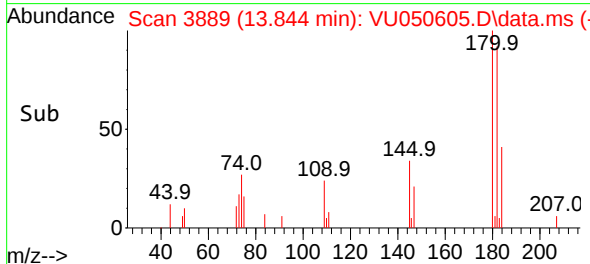
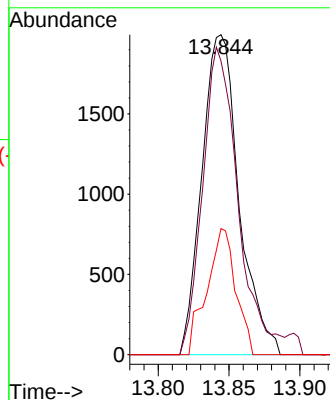
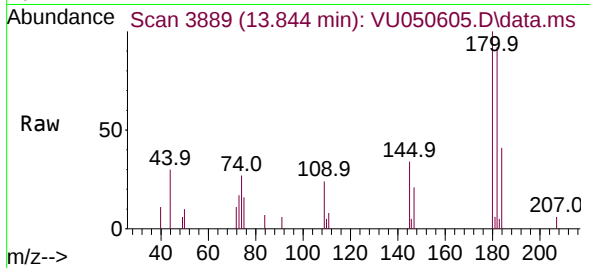




#70
1,2,4-trichlorobenzene
Concen: 1.692 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.003 min
Lab File: VU050605.D
Acq: 03 Sep 2022 12:27

Instrument :
MSVOA_U
ClientSampleId :
VBLK179

Tgt Ion:180 Resp: 3635
Ion Ratio Lower Upper
180 100
182 91.7 76.2 114.2
145 27.6 24.7 37.1



#71
Naphthalene
Concen: 2.652 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU050605.D
Acq: 03 Sep 2022 12:27

Tgt Ion:128 Resp: 20203
Ion Ratio Lower Upper
128 100
127 11.1 10.1 15.1
129 9.3 8.4 12.6

