

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013123\
 Data File : VU052889.D
 Acq On : 31 Jan 2023 19:14
 Operator : JC/MD
 Sample : 01381-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 01 00:59:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 01 00:53:48 2023
 Response via : Initial Calibration

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

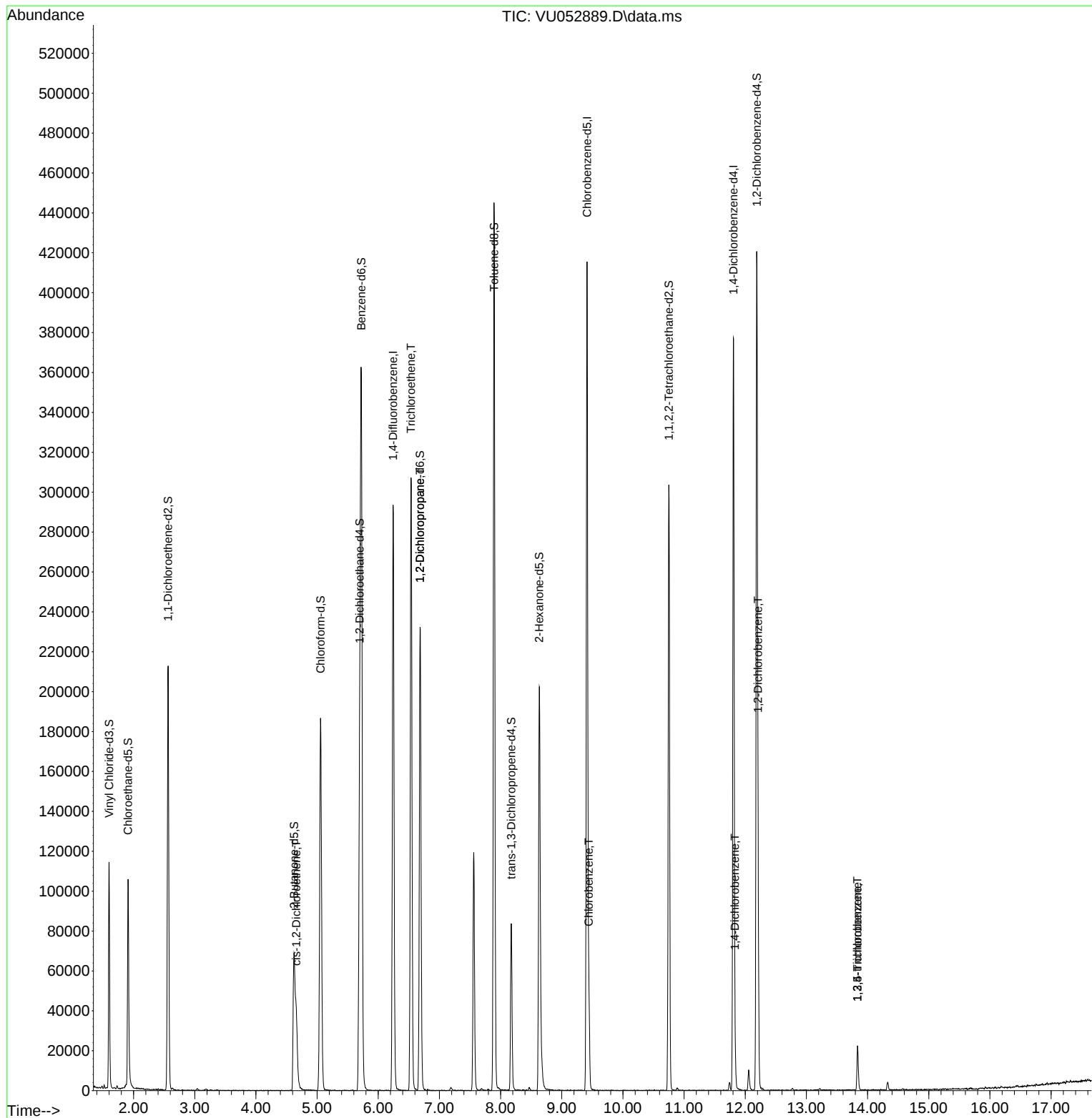
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	237823	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	232444	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	104301	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	85589	50.001	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 100.000%		
7) Chloroethane-d5	1.909	69	79062	56.055	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 112.100%		
11) 1,1-Dichloroethene-d2	2.565	63	125592	36.889	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 73.780%		
21) 2-Butanone-d5	4.623	46	101905	96.370	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 96.370%		
24) Chloroform-d	5.057	84	176130	48.213	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 96.420%		
26) 1,2-Dichloroethane-d4	5.697	65	119952	51.424	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 102.840%		
32) Benzene-d6	5.722	84	343378	48.353	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 96.700%		
36) 1,2-Dichloropropane-d6	6.684	67	107076	51.410	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 102.820%		
41) Toluene-d8	7.893	98	294291	45.509	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 91.020%		
43) trans-1,3-Dichloroprop...	8.176	79	47457	45.461	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 90.920%		
47) 2-Hexanone-d5	8.632	63	68034	92.965	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 92.960%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	144353	46.910	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 93.820%		
66) 1,2-Dichlorobenzene-d4	12.188	152	110122	54.375	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 108.740%		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.661	96	15393	7.583	ug/L	96
34) Trichloroethene	6.536	95	104948	52.184	ug/L	98
37) 1,2-Dichloropropane	6.684	63	12301	6.323	ug/L #	85
51) Chlorobenzene	9.443	112	26368	4.726	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	7658	2.177	ug/L	90
67) 1,2-Dichlorobenzene	12.208	146	36929	10.743	ug/L	98
69) 1,3,5-Trichlorobenzene	13.835	180	7853	3.121	ug/L	95
70) 1,2,4-trichlorobenzene	13.835	180	7853	3.723	ug/L	95

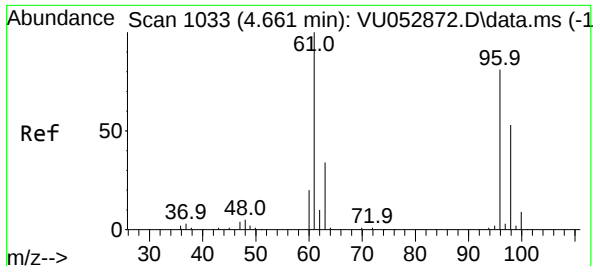
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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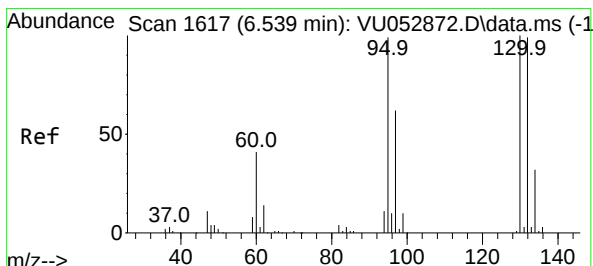
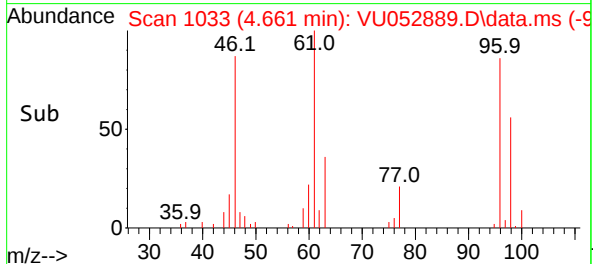
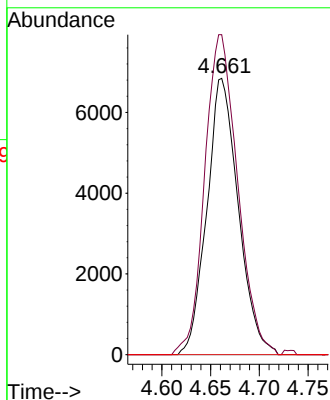
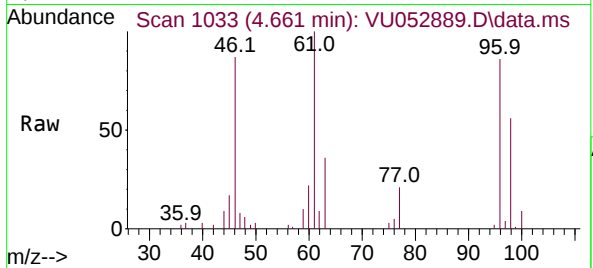




#20
 cis-1,2-Dichloroethene
 Concen: 7.583 ug/L
 RT: 4.661 min Scan# 1033
 Delta R.T. 0.000 min
 Lab File: VU052889.D
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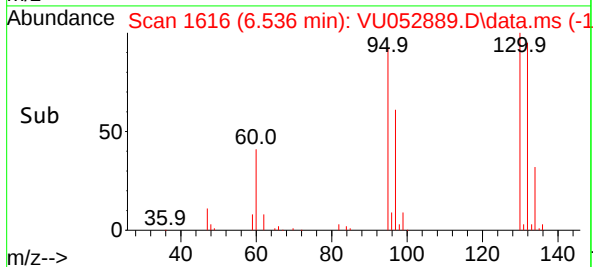
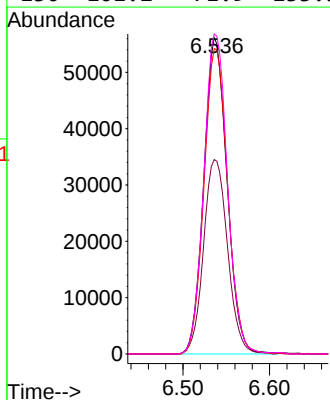
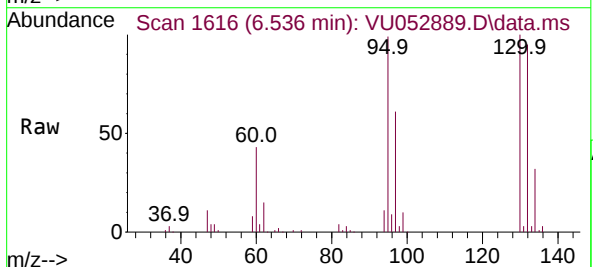
Instrument :
 MSVOA_U
 ClientSampleId :

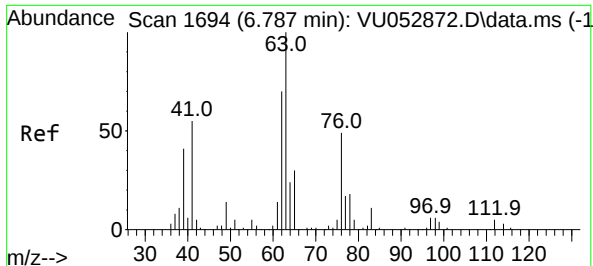
Tgt Ion: 96 Resp: 15393
 Ion Ratio Lower Upper
 96 100
 61 115.8 84.1 156.1
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 52.184 ug/L
 RT: 6.536 min Scan# 1616
 Delta R.T. -0.003 min
 Lab File: VU052889.D
 Acq: 31 Jan 2023 19:14

Tgt Ion: 95 Resp: 104948
 Ion Ratio Lower Upper
 95 100
 97 61.5 44.5 82.7
 132 96.6 66.8 124.0
 130 101.2 71.9 133.5





#37

1,2-Dichloropropane

Concen: 6.323 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU052889.D

Acq: 31 Jan 2023 19:14

Instrument :

MSVOA_U

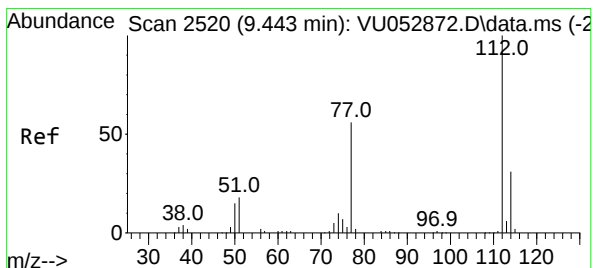
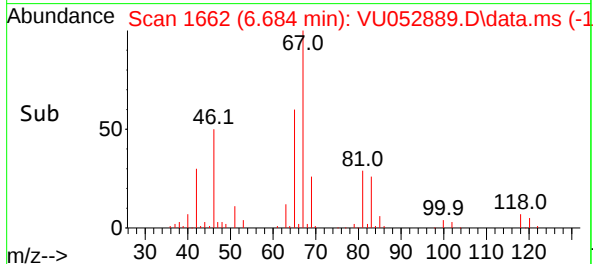
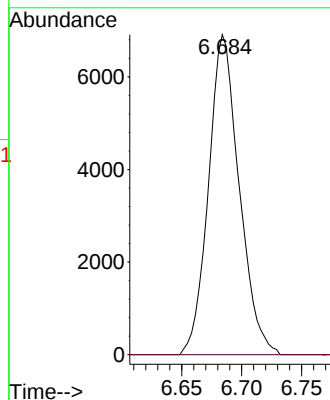
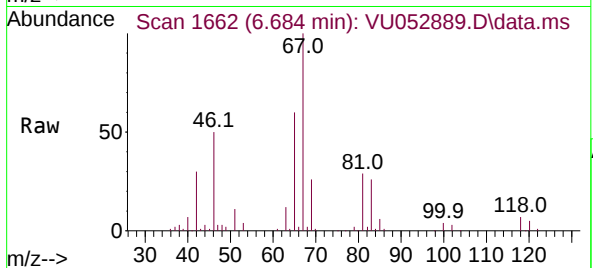
ClientSampleId :

Tgt Ion: 63 Resp: 12301

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#51

Chlorobenzene

Concen: 4.726 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. 0.000 min

Lab File: VU052889.D

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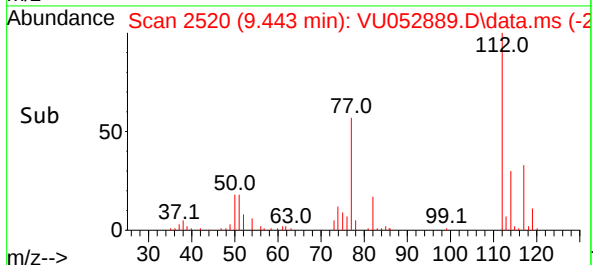
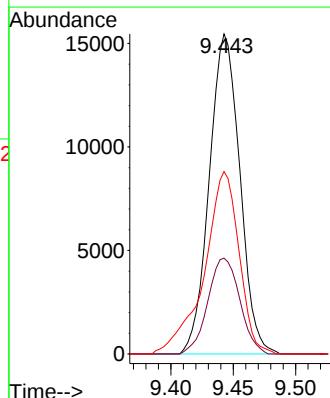
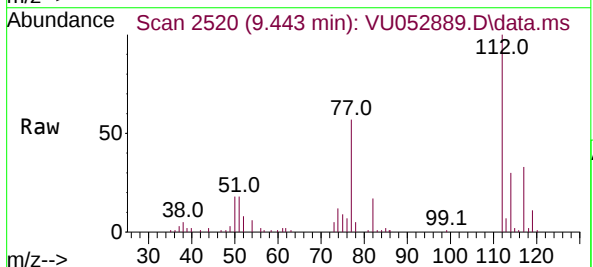
Tgt Ion: 112 Resp: 26368

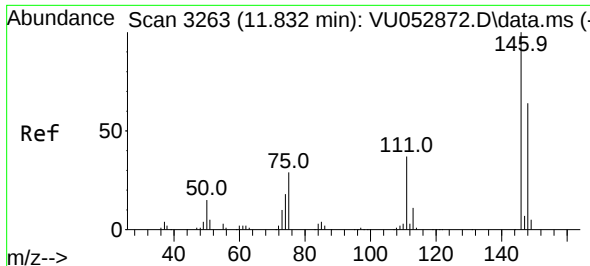
Ion Ratio Lower Upper

112 100

114 29.9 22.8 42.4

77 57.0 45.9 68.9

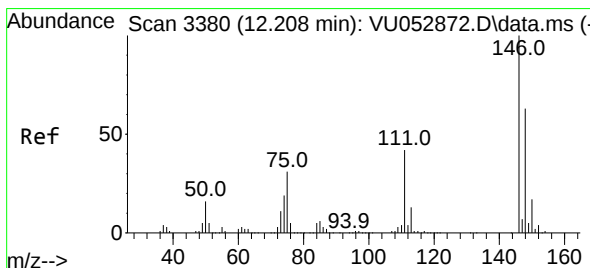
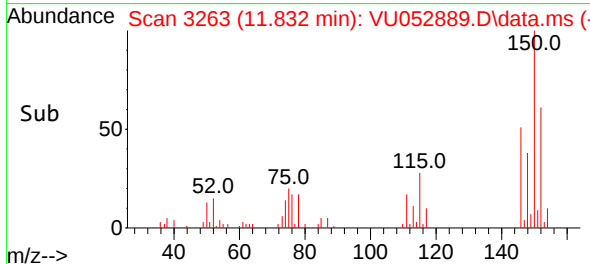
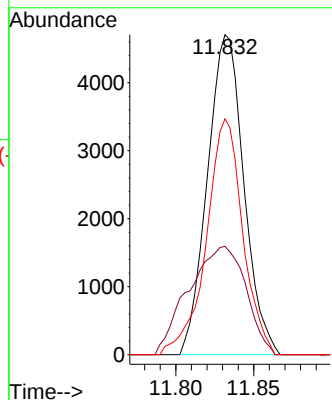
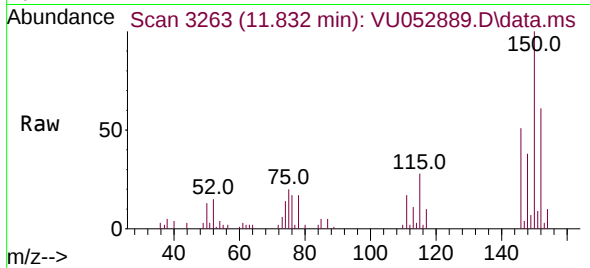




#65
1,4-Dichlorobenzene
Concen: 2.177 ug/L
RT: 11.832 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU052889.D
Acq: 31 Jan 2023 19:14

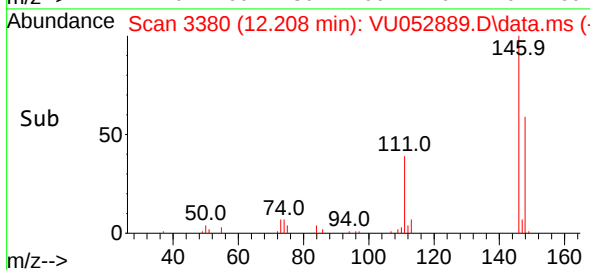
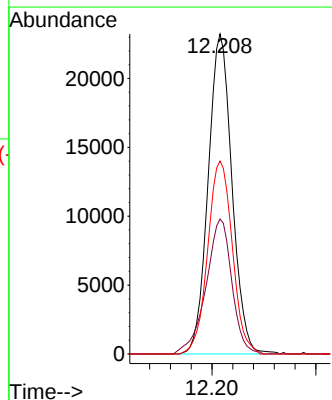
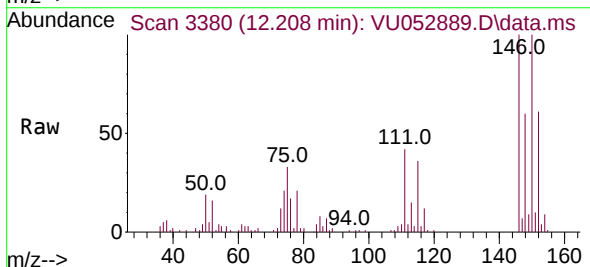
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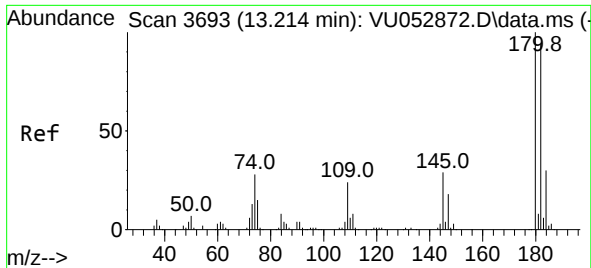
Tgt Ion:146 Resp: 7658
Ion Ratio Lower Upper
146 100
111 33.9 26.7 49.7
148 73.7 45.6 84.6



#67
1,2-Dichlorobenzene
Concen: 10.743 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. 0.000 min
Lab File: VU052889.D
Acq: 31 Jan 2023 19:14

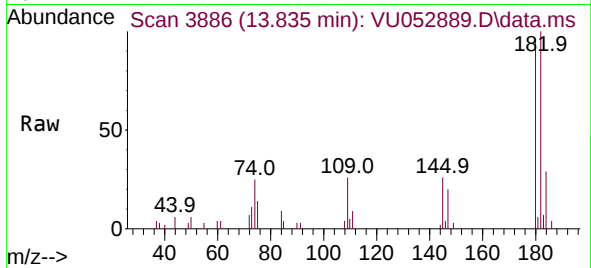
Tgt Ion:146 Resp: 36929
Ion Ratio Lower Upper
146 100
111 42.2 33.2 49.8
148 60.3 50.2 75.4





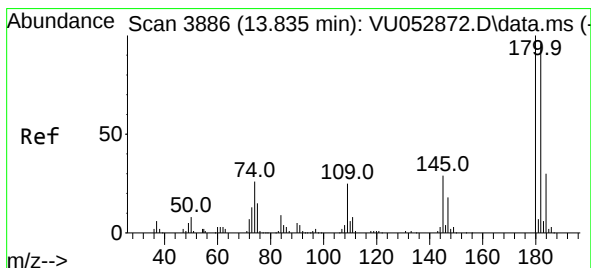
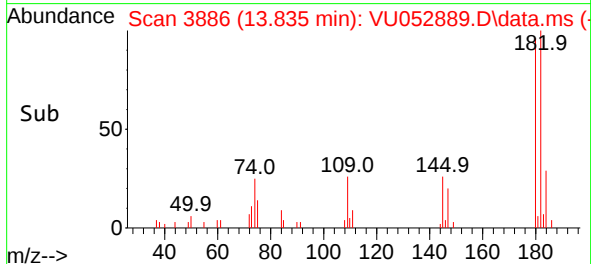
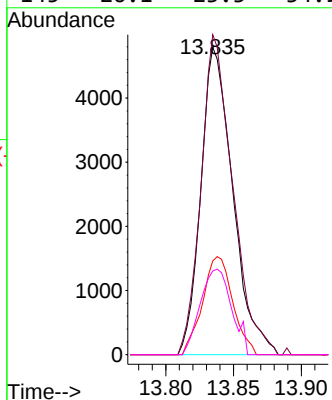
#69
 1,3,5-Trichlorobenzene
 Concen: 3.121 ug/L
 RT: 13.835 min Scan# 3886
 Delta R.T. 0.621 min
 Lab File: VU052889.D
 Acq: 31 Jan 2023 19:14

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 7853

Ion	Ratio	Lower	Upper
180	100		
182	103.0	77.0	115.6
184	30.3	24.4	36.6
145	26.1	23.3	34.9



#70
 1,2,4-trichlorobenzene
 Concen: 3.723 ug/L
 RT: 13.835 min Scan# 3886
 Delta R.T. 0.000 min
 Lab File: VU052889.D
 Acq: 31 Jan 2023 19:14

Tgt Ion:180 Resp: 7853

Ion	Ratio	Lower	Upper
180	100		
182	103.0	78.2	117.2
145	26.1	23.4	35.2

