

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090122\
 Data File : VU050580.D
 Acq On : 01 Sep 2022 14:59
 Operator : SY/MD
 Sample : N4458-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0KW0

Quant Time: Sep 02 02:09:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM083022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 02 02:07:32 2022
 Response via : Initial Calibration

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

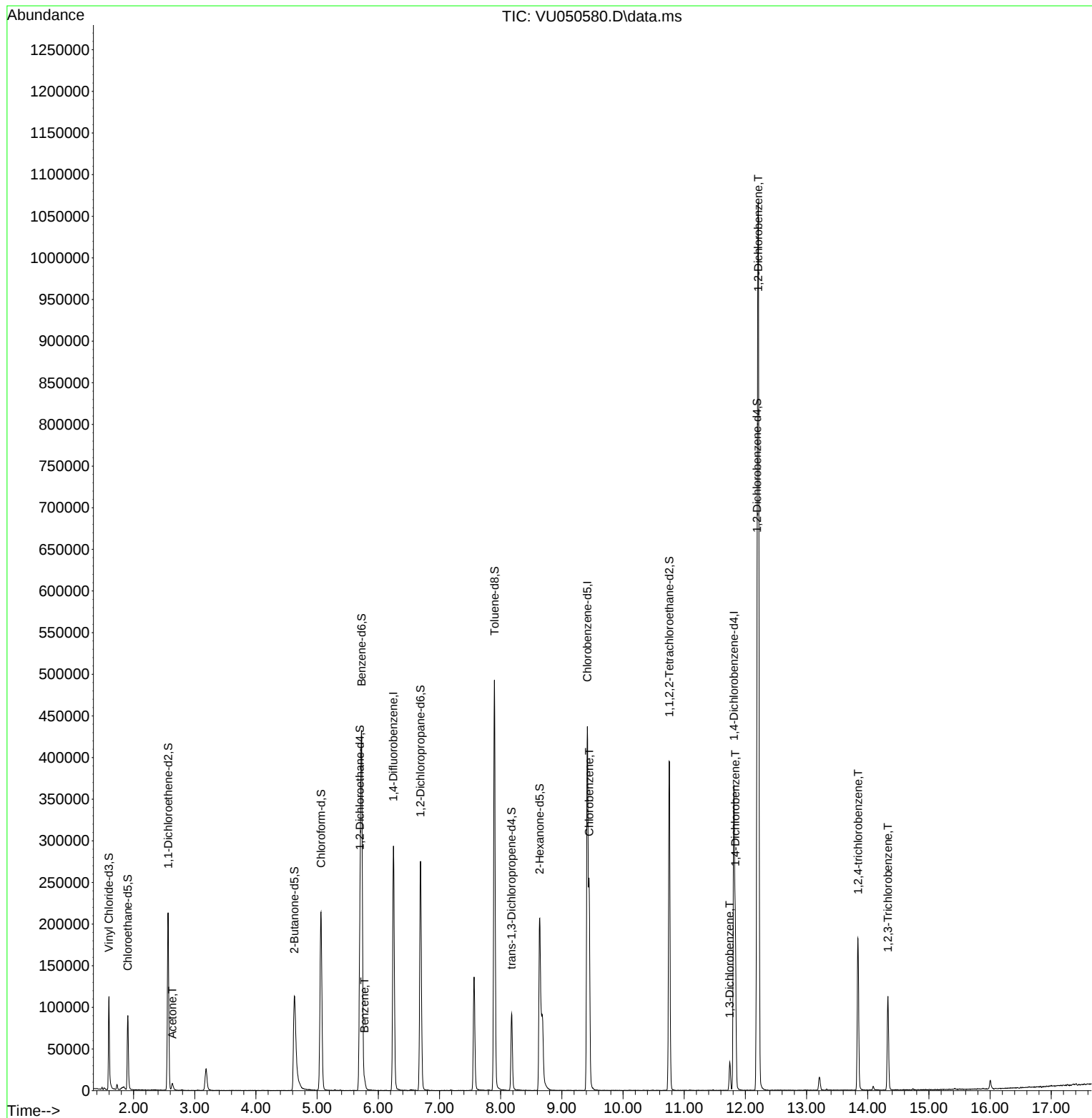
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	242432	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	243735	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	95761	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	87837	47.240	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.480%		
7) Chloroethane-d5	1.906	69	66900	46.149	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.300%		
11) 1,1-Dichloroethene-d2	2.565	63	125719	40.046	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.100%		
21) 2-Butanone-d5	4.626	46	151088	92.912	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.910%		
24) Chloroform-d	5.063	84	205633	56.837	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	113.680%		
26) 1,2-Dichloroethane-d4	5.700	65	139602	59.403	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	118.800%		
32) Benzene-d6	5.726	84	405377	53.661	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.320%		
36) 1,2-Dichloropropane-d6	6.690	67	138427	55.033	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	110.060%		
41) Toluene-d8	7.899	98	338774	51.548	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.100%		
43) trans-1,3-Dichloroprop...	8.179	79	55376	54.741	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	109.480%		
47) 2-Hexanone-d5	8.636	63	63820	70.075	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	70.080%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	200431	51.086	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.180%		
66) 1,2-Dichlorobenzene-d4	12.192	152	121332	58.521	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	117.040%		
Target Compounds						Qvalue
13) Acetone	2.636	43	10973	8.686	ug/L	99
33) Benzene	5.774	78	8890	1.004	ug/L	100
51) Chlorobenzene	9.446	112	127630	23.346	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	14142	4.341	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	74465	22.539	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	390923	110.678	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	60811	30.665	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	35910	15.669	ug/L	98

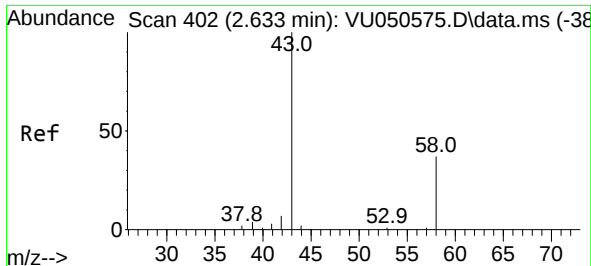
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Sep 02 02:07:32 2022
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#13

Acetone

Concen: 8.686 ug/L

RT: 2.636 min Scan# 402

Delta R.T. 0.003 min

Lab File: VU050580.D

Acq: 01 Sep 2022 14:59

Instrument :

MSVOA_U

ClientSampleId :

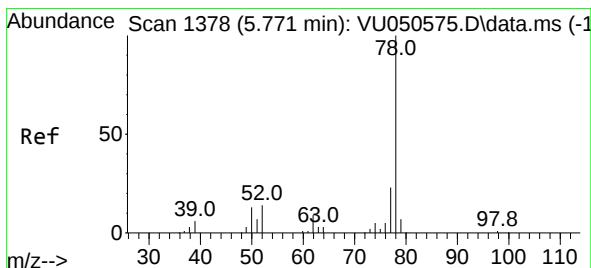
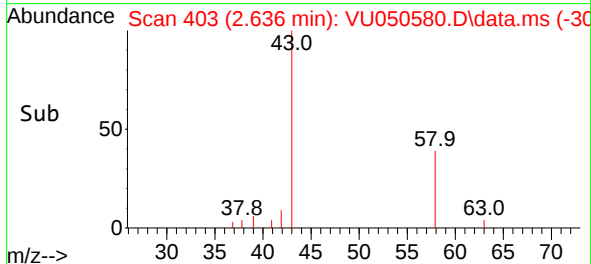
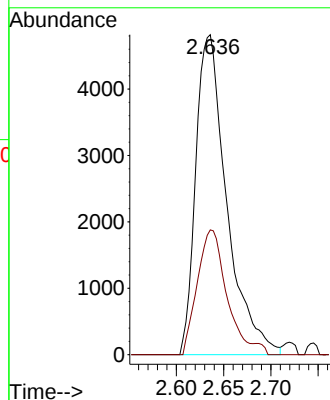
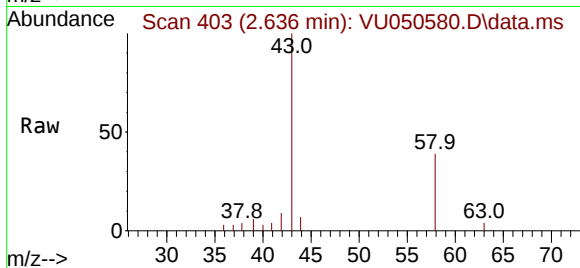
C0KW0

Tgt Ion: 43 Resp: 10973

Ion Ratio Lower Upper

43 100

58 36.5 0.0 71.6



#33

Benzene

Concen: 1.004 ug/L

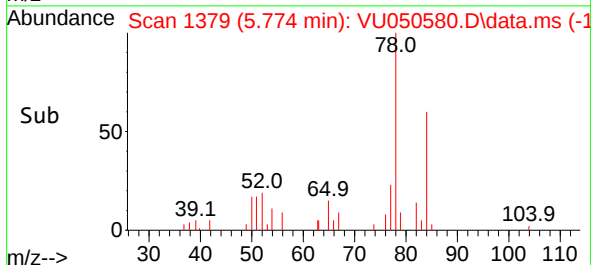
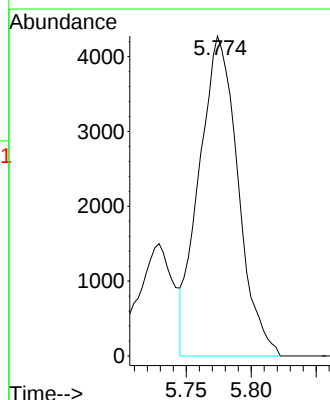
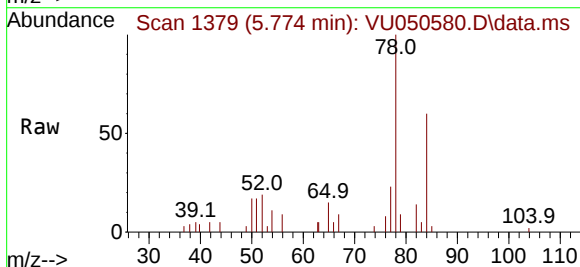
RT: 5.774 min Scan# 1379

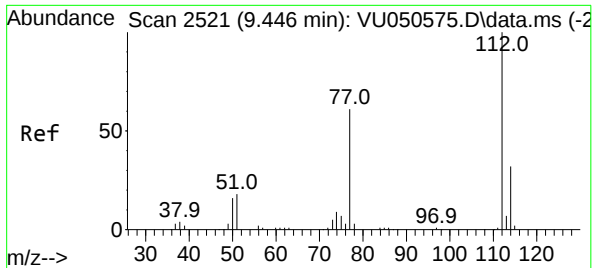
Delta R.T. 0.003 min

Lab File: VU050580.D

Acq: 01 Sep 2022 14:59

Tgt Ion: 78 Resp: 8890

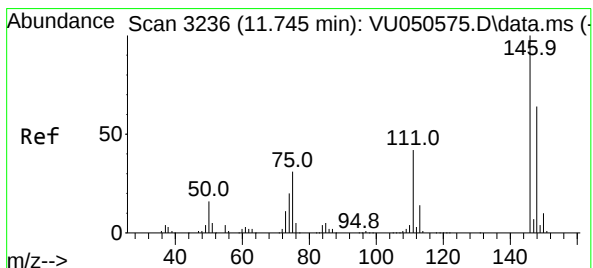
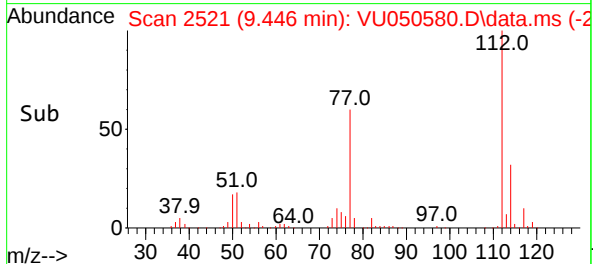
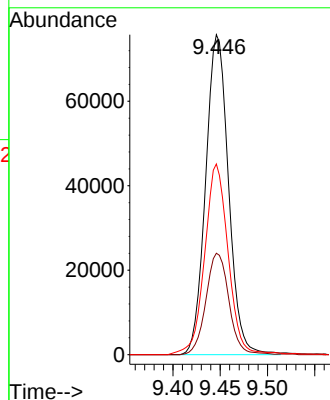
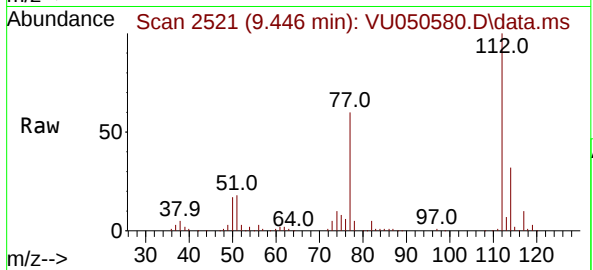




#51
Chlorobenzene
Concen: 23.346 ug/L
RT: 9.446 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050580.D
Acq: 01 Sep 2022 14:59

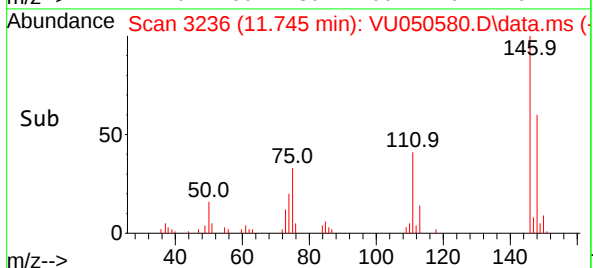
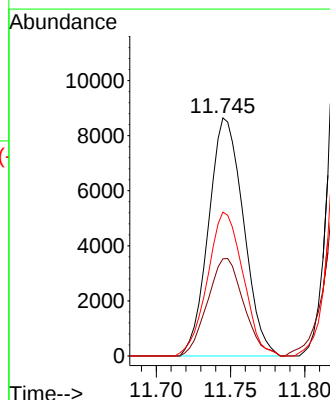
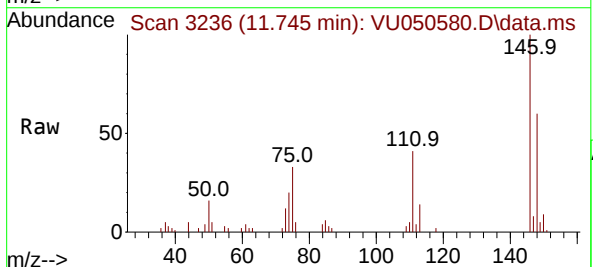
Instrument :
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ClientSampleId :
COKW0

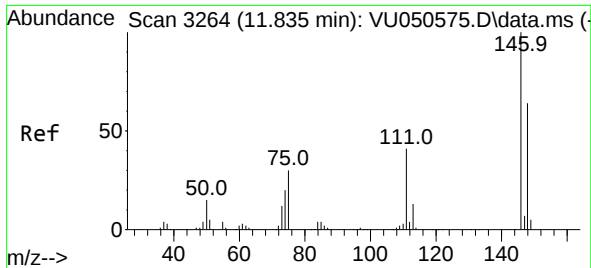
Tgt Ion:112 Resp: 127630
Ion Ratio Lower Upper
112 100
114 31.7 23.0 42.6
77 59.6 49.4 74.2



#64
1,3-Dichlorobenzene
Concen: 4.341 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU050580.D
Acq: 01 Sep 2022 14:59

Tgt Ion:146 Resp: 14142
Ion Ratio Lower Upper
146 100
111 40.8 28.4 52.8
148 60.4 45.0 83.6

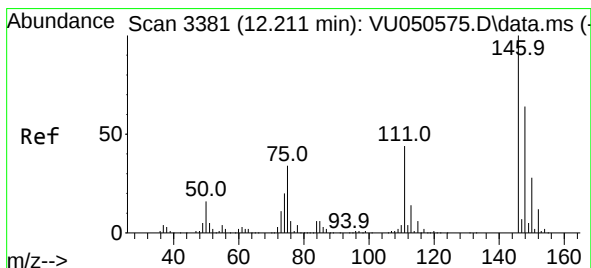
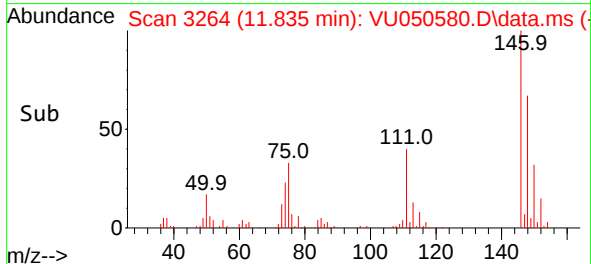
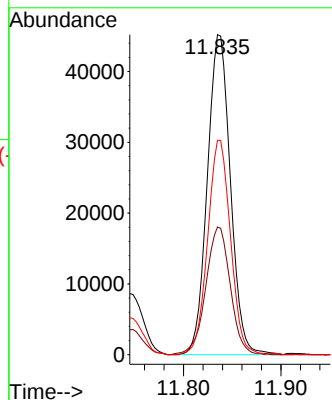
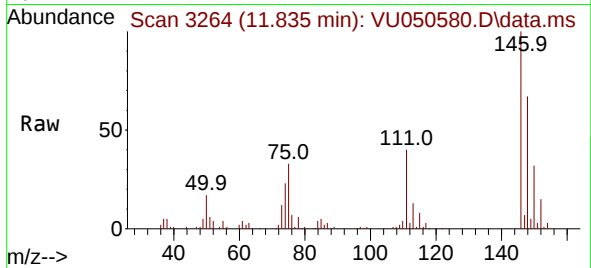




#65
1,4-Dichlorobenzene
Concen: 22.539 ug/L
RT: 11.835 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050580.D
Acq: 01 Sep 2022 14:59

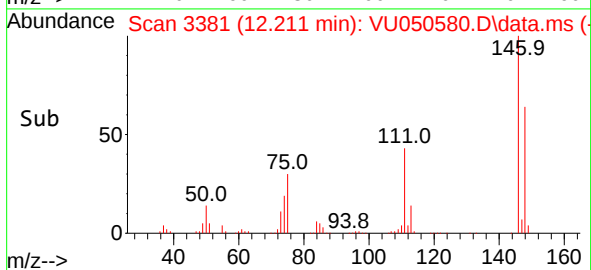
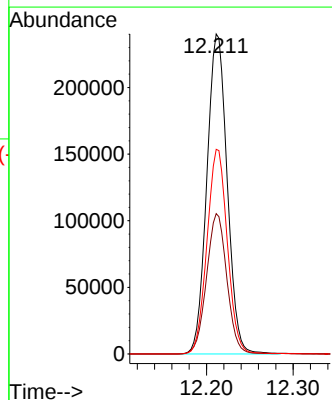
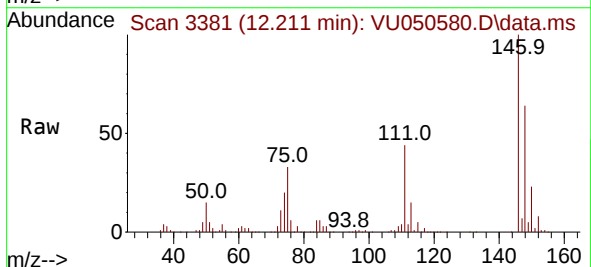
Instrument :
MSVOA_U
ClientSampleId :
COKW0

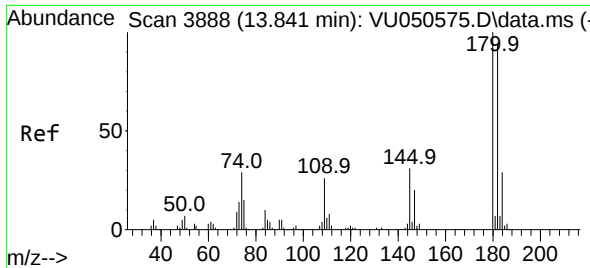
Tgt Ion:146	Resp:	74465
Ion Ratio	Lower	Upper
146	100	
111	39.9	28.2 52.4
148	67.0	45.0 83.6



#67
1,2-Dichlorobenzene
Concen: 110.678 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU050580.D
Acq: 01 Sep 2022 14:59

Tgt Ion:146	Resp:	390923
Ion Ratio	Lower	Upper
146	100	
111	43.8	33.4 50.2
148	64.0	49.9 74.9

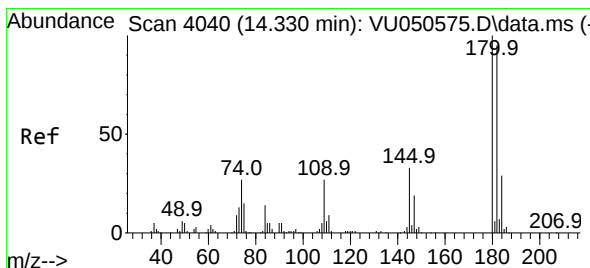
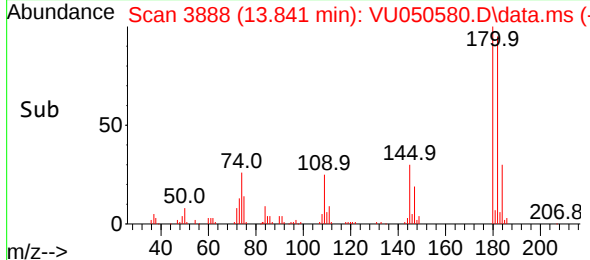
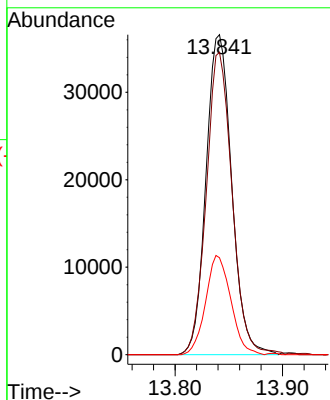
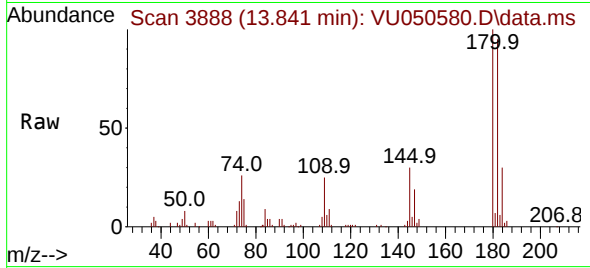




#70
 1,2,4-trichlorobenzene
 Concen: 30.665 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU050580.D
 Acq: 01 Sep 2022 14:59

Instrument :
 MSVOA_U
 ClientSampleId :
 C0KW0

Tgt Ion:180 Resp: 60811
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.6 115.0
 145 30.3 24.2 36.4



#72
 1,2,3-Trichlorobenzene
 Concen: 15.669 ug/L
 RT: 14.330 min Scan# 4040
 Delta R.T. 0.000 min
 Lab File: VU050580.D
 Acq: 01 Sep 2022 14:59

Tgt Ion:180 Resp: 35910
 Ion Ratio Lower Upper
 180 100
 182 92.3 76.0 114.0
 145 32.5 26.2 39.2

