

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U090122\
 Data File : VU050588.D
 Acq On : 01 Sep 2022 18:07
 Operator : SY/MD
 Sample : N4362-08ME
 Misc : 5.40g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0FB9ME

Quant Time: Sep 02 02:10:51 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)

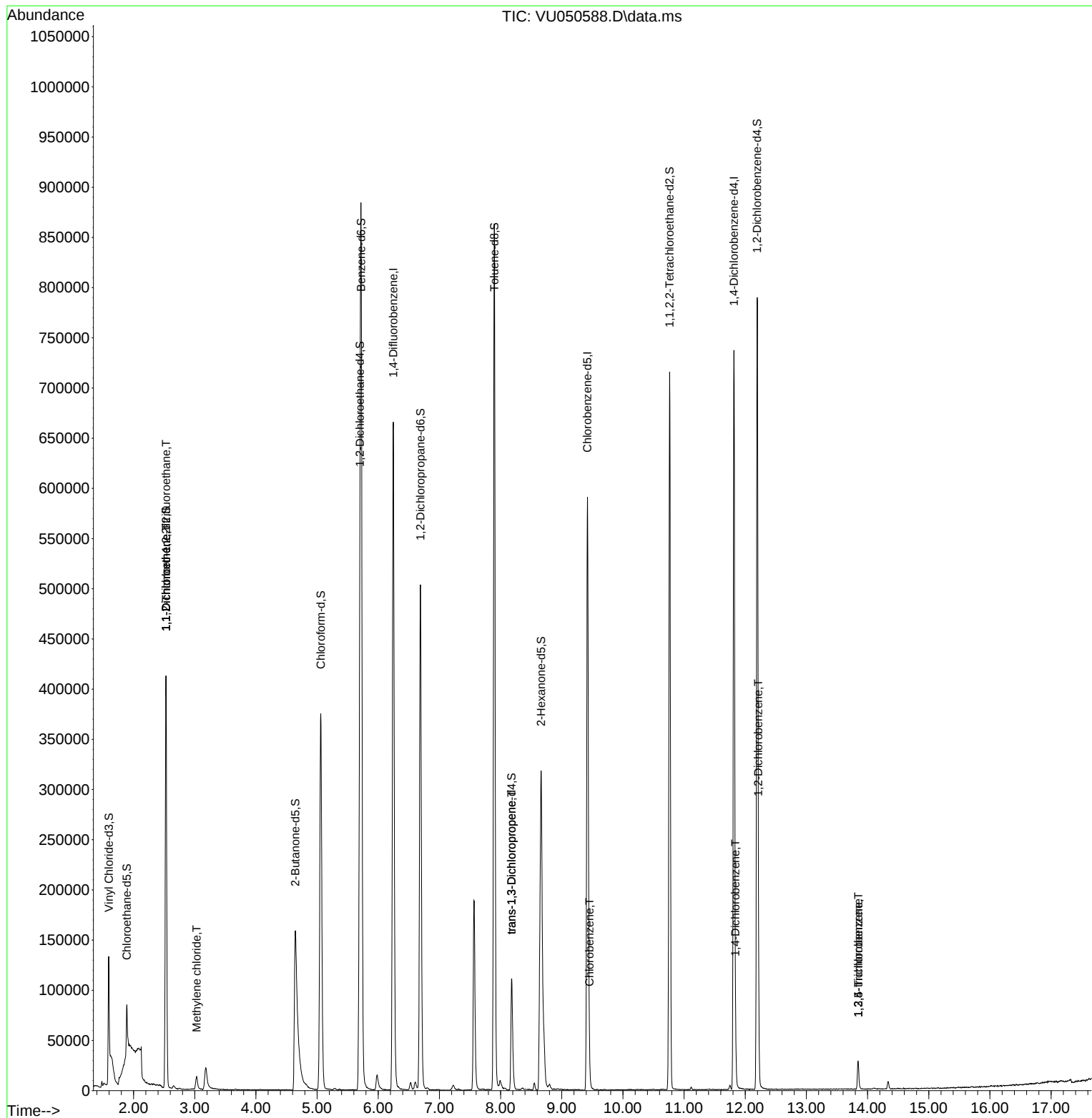
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	574206	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	378199	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	199521	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	113423	25.755	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	51.500%#		
7) Chloroethane-d5	1.890	69	65030	18.940	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	37.880%#		
11) 1,1-Dichloroethene-d2	2.530	63	247429	33.276	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.560%		
21) 2-Butanone-d5	4.645	46	331265	86.008	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.010%		
24) Chloroform-d	5.060	84	375203	43.785	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.580%		
26) 1,2-Dichloroethane-d4	5.700	65	245752	44.151	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.300%		
32) Benzene-d6	5.719	84	778202	66.388	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	132.780%#		
36) 1,2-Dichloropropane-d6	6.690	67	264051	67.653	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	135.300%#		
41) Toluene-d8	7.899	98	597801	58.621	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	117.240%		
43) trans-1,3-Dichloroprop...	8.179	79	76422	48.686	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.380%		
47) 2-Hexanone-d5	8.661	63	127142	89.969	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.970%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	377459	62.002	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	124.000%#		
66) 1,2-Dichlorobenzene-d4	12.195	152	205347	47.536	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.080%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.530	101	2304	0.608	ug/L #	20
12) 1,1-Dichloroethene	2.530	96	2013	0.509	ug/L #	1
16) Methylene chloride	3.031	84	7600	1.181	ug/L	94
44) trans-1,3-Dichloropropene	8.179	75	2972	0.658	ug/L	90
51) Chlorobenzene	9.452	112	10461	1.233	ug/L	95
65) 1,4-Dichlorobenzene	11.841	146	18840	2.737	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	22284	3.028	ug/L	96
69) 1,3,5-Trichlorobenzene	13.848	180	10123	2.179	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	10123	2.450	ug/L	100

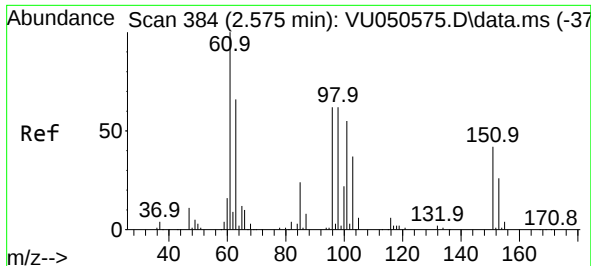
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

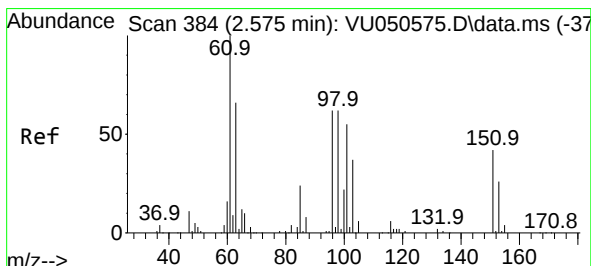
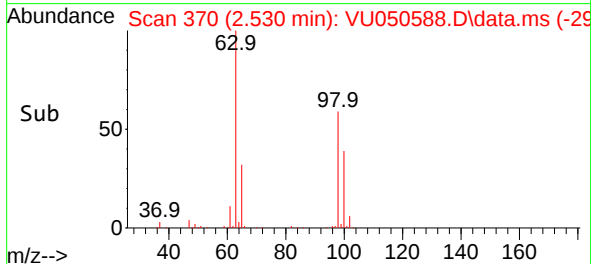
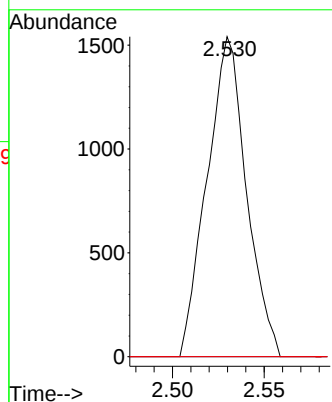
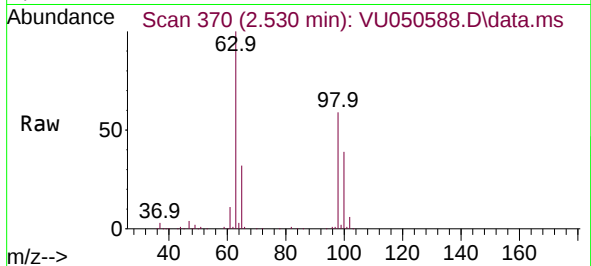




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.608 ug/L
 RT: 2.530 min Scan# 31
 Delta R.T. -0.045 min
 Lab File: VU050588.D
 Acq: 01 Sep 2022 18:07

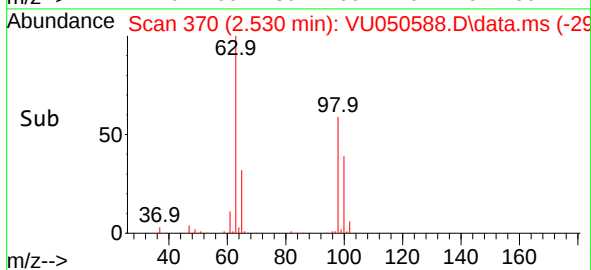
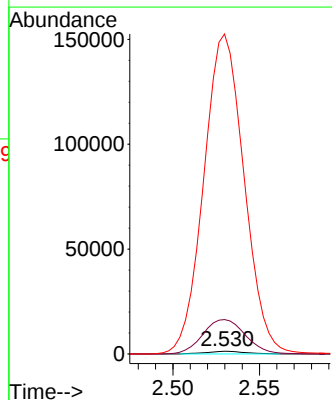
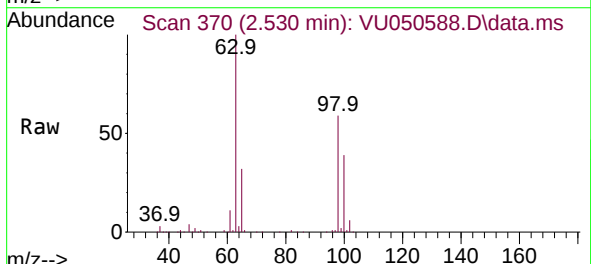
Instrument :
 MSVOA_U
 ClientSampleId :
 C0FB9ME

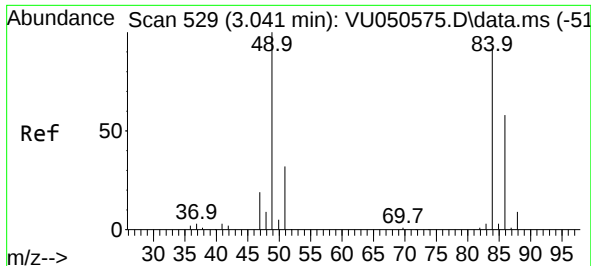
Tgt Ion:101 Resp: 2304
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 0.0 58.2 87.2#



#12
 1,1-Dichloroethene
 Concen: 0.509 ug/L
 RT: 2.530 min Scan# 370
 Delta R.T. -0.045 min
 Lab File: VU050588.D
 Acq: 01 Sep 2022 18:07

Tgt Ion: 96 Resp: 2013
 Ion Ratio Lower Upper
 96 100
 61 1263.1 113.5 210.9#
 63 11745.7 78.0 144.9#

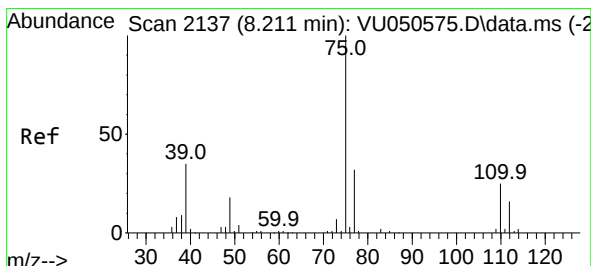
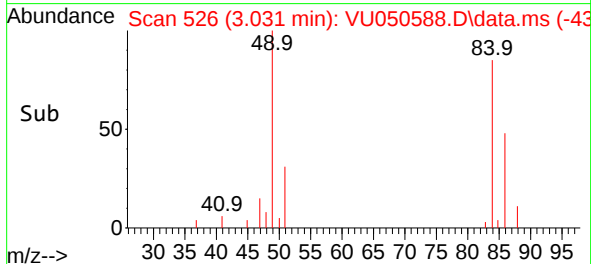
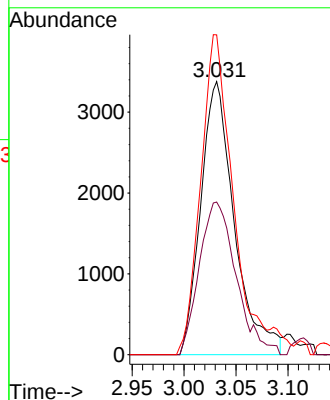
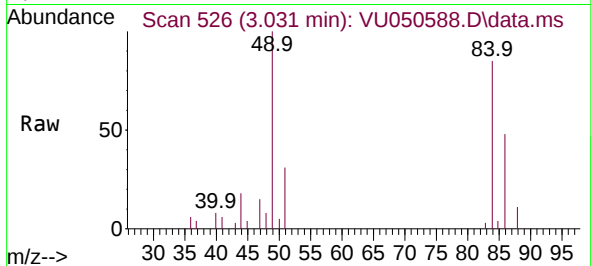




#16
Methylene chloride
Concen: 1.181 ug/L
RT: 3.031 min Scan# 51
Delta R.T. -0.010 min
Lab File: VU050588.D
Acq: 01 Sep 2022 18:07

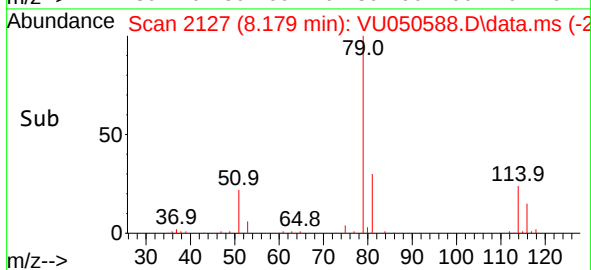
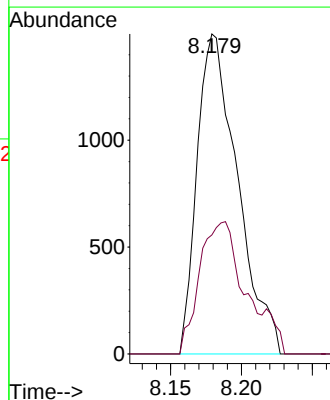
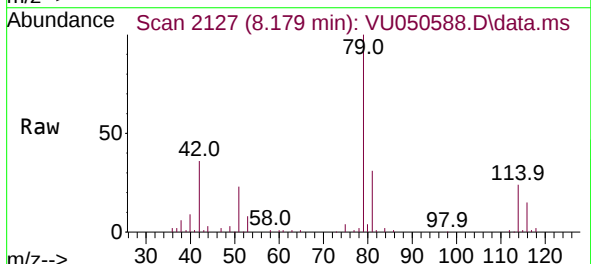
Instrument :
MSVOA_U
ClientSampleId :
C0FB9ME

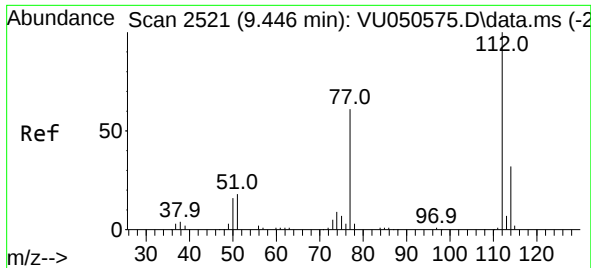
Tgt Ion: 84 Resp: 7600
Ion Ratio Lower Upper
84 100
86 55.9 44.3 82.3
49 117.1 78.8 146.3



#44
trans-1,3-Dichloropropene
Concen: 0.658 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.032 min
Lab File: VU050588.D
Acq: 01 Sep 2022 18:07

Tgt Ion: 75 Resp: 2972
Ion Ratio Lower Upper
75 100
77 37.2 22.2 41.2

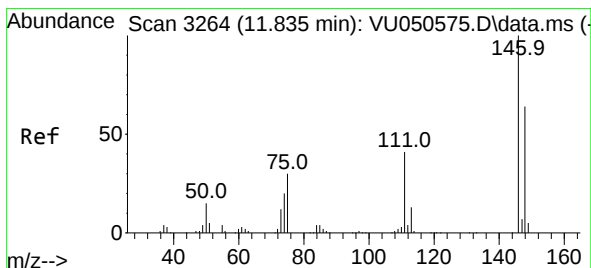
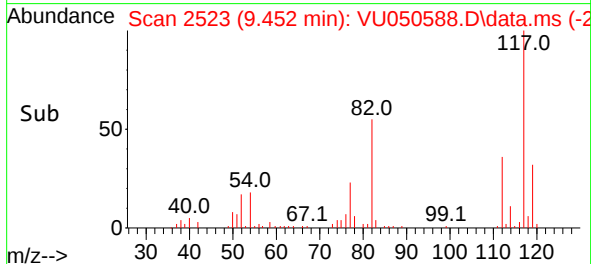
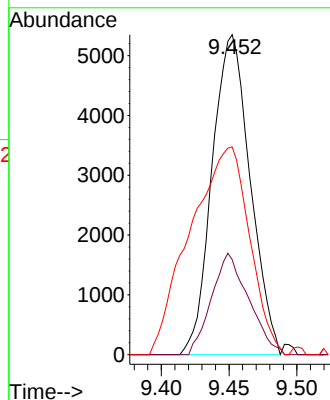
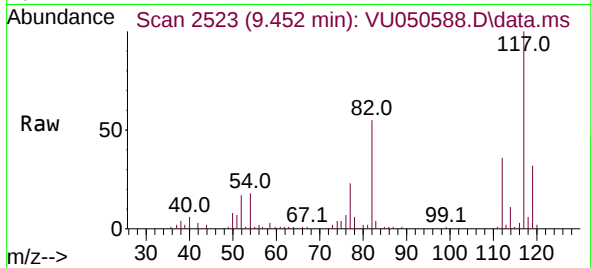




#51
Chlorobenzene
Concen: 1.233 ug/L
RT: 9.452 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU050588.D
Acq: 01 Sep 2022 18:07

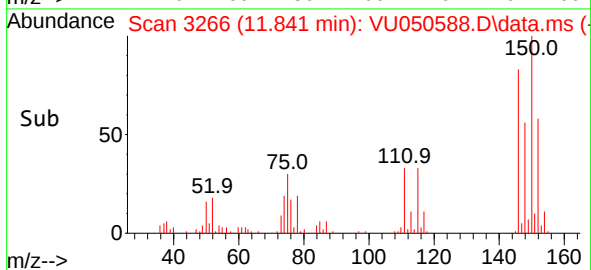
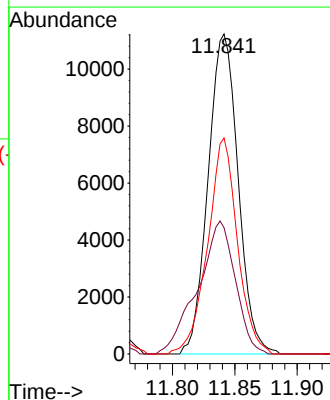
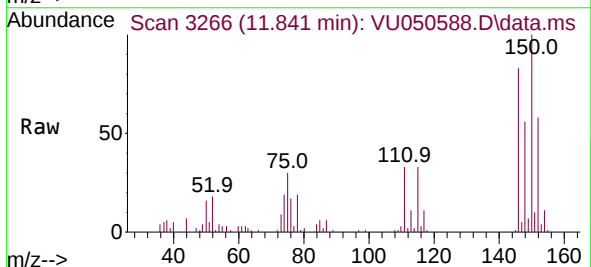
Instrument :
MSVOA_U
ClientSampleId :
C0FB9ME

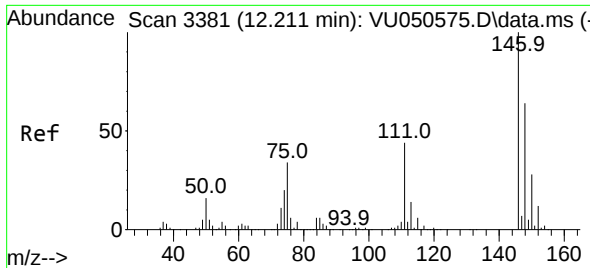
Tgt Ion:112 Resp: 10461
Ion Ratio Lower Upper
112 100
114 29.7 23.0 42.6
77 64.9 49.4 74.2



#65
1,4-Dichlorobenzene
Concen: 2.737 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.006 min
Lab File: VU050588.D
Acq: 01 Sep 2022 18:07

Tgt Ion:146 Resp: 18840
Ion Ratio Lower Upper
146 100
111 39.5 28.2 52.4
148 67.5 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 3.028 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU050588.D

Acq: 01 Sep 2022 18:07

Instrument :

MSVOA_U

ClientSampleId :

C0FB9ME

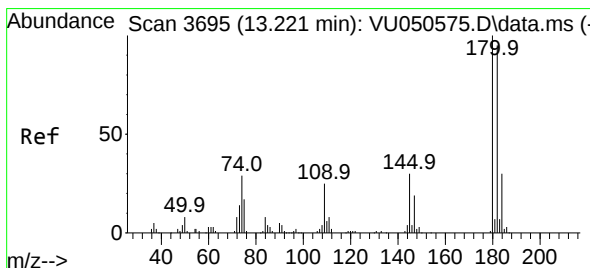
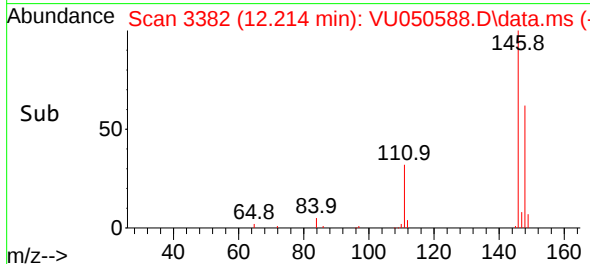
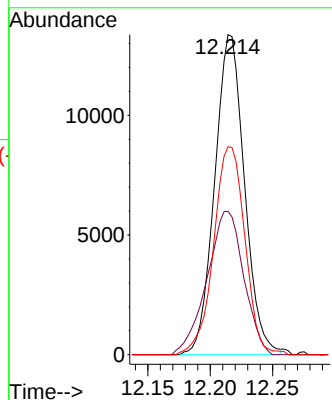
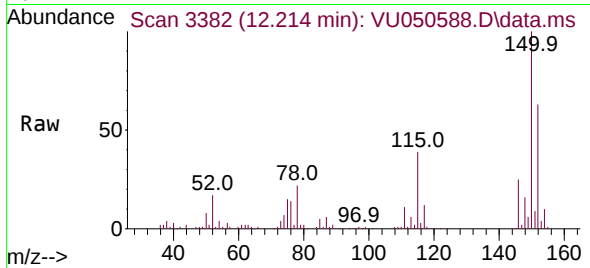
Tgt Ion:146 Resp: 22284

Ion Ratio Lower Upper

146 100

111 44.8 33.4 50.2

148 65.0 49.9 74.9



#69

1,3,5-Trichlorobenzene

Concen: 2.179 ug/L

RT: 13.848 min Scan# 3890

Delta R.T. 0.627 min

Lab File: VU050588.D

Acq: 01 Sep 2022 18:07

Tgt Ion:180 Resp: 10123

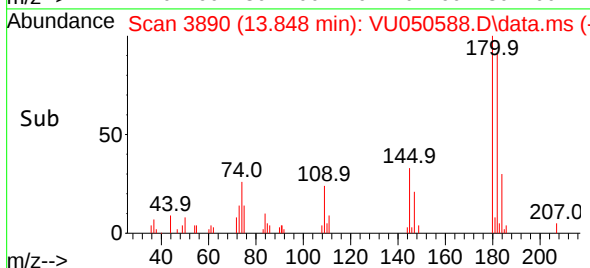
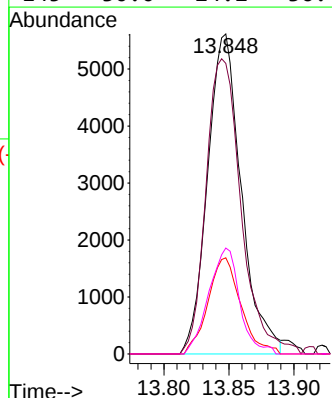
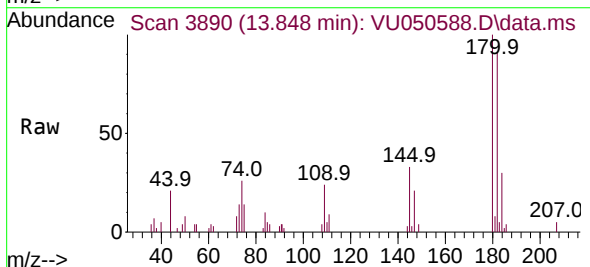
Ion Ratio Lower Upper

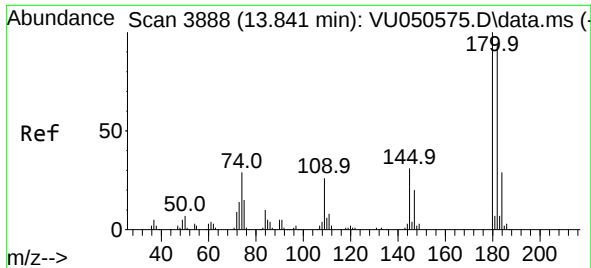
180 100

182 96.1 76.3 114.5

184 29.3 24.4 36.6

145 30.0 24.2 36.4





#70
 1,2,4-trichlorobenzene
 Concen: 2.450 ug/L
 RT: 13.848 min Scan# 3888
 Delta R.T. 0.006 min
 Lab File: VU050588.D
 Acq: 01 Sep 2022 18:07

Instrument :
 MSVOA_U
 ClientSampleId :
 C0FB9ME

Tgt Ion:	180	Resp:	10123
Ion Ratio	Lower	Upper	
180	100		
182	96.1	76.6	115.0
145	30.0	24.2	36.4

