

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090122\
 Data File : VU050586.D
 Acq On : 01 Sep 2022 17:21
 Operator : SY/MD
 Sample : N4452-02DL 500X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0KW5DL

Quant Time: Sep 02 02:10:23 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)

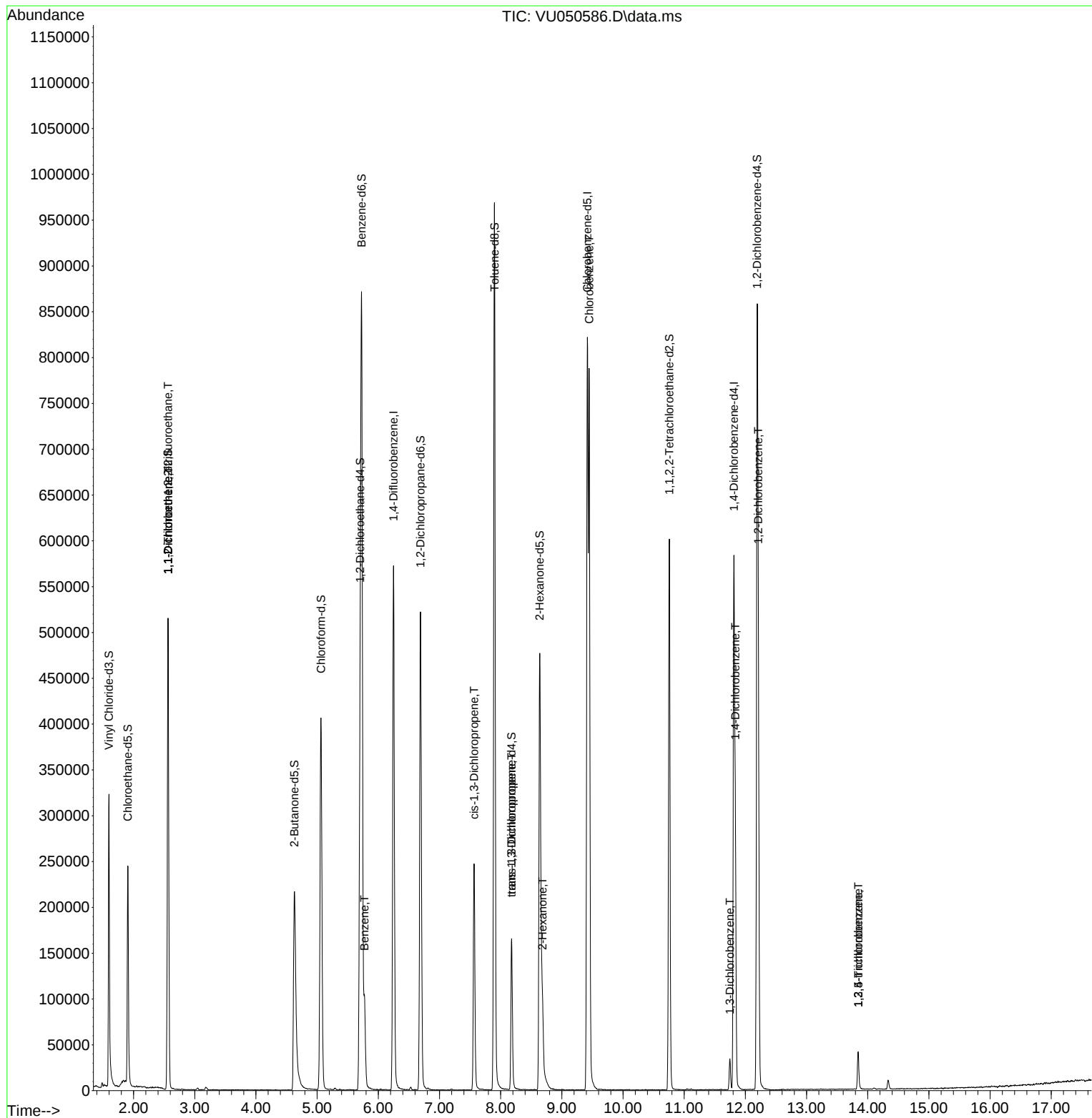
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	463582	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	443567	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	152136	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	259319	72.935	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 145.860%#		
7) Chloroethane-d5	1.906	69	182052	65.674	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 131.340%#		
11) 1,1-Dichloroethene-d2	2.562	63	305593	50.906	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 101.820%		
21) 2-Butanone-d5	4.629	46	347673	111.808	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 111.810%		
24) Chloroform-d	5.063	84	390632	56.464	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 112.920%		
26) 1,2-Dichloroethane-d4	5.703	65	250722	55.792	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 111.580%		
32) Benzene-d6	5.726	84	825403	60.038	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 120.080%		
36) 1,2-Dichloropropane-d6	6.690	67	269690	58.915	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 117.840%		
41) Toluene-d8	7.899	98	667048	55.772	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 111.540%		
43) trans-1,3-Dichloroprop...	8.179	79	96491	52.413	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 104.820%		
47) 2-Hexanone-d5	8.636	63	144421	87.136	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 87.140%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	323527	45.312	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 90.620%		
66) 1,2-Dichlorobenzene-d4	12.192	152	201368	61.134	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 122.260%#		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	3015	0.986	ug/L #	22
12) 1,1-Dichloroethene	2.565	96	2334	0.731	ug/L #	1
33) Benzene	5.774	78	89245	5.538	ug/L	100
39) cis-1,3-Dichloropropene	7.565	75	5405	0.930	ug/L #	67
44) trans-1,3-Dichloropropene	8.176	75	3772	0.712	ug/L	92
48) 2-Hexanone	8.684	43	40602	7.437	ug/L #	77
51) Chlorobenzene	9.446	112	407312	40.941	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	13974	2.700	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	107456	20.473	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	153921	27.430	ug/L	98
69) 1,3,5-Trichlorobenzene	13.844	180	13882	3.919	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	13882	4.406	ug/L	99

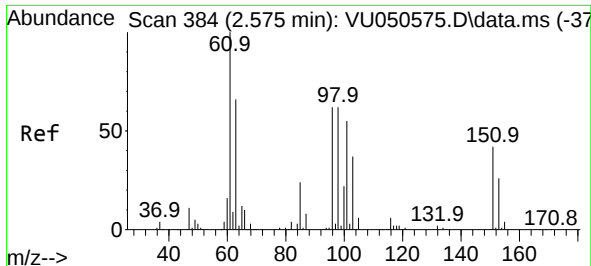
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.986 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.013 min

Lab File: VU050586.D

Acq: 01 Sep 2022 17:21

Instrument :

MSVOA_U

ClientSampleId :

C0KW5DL

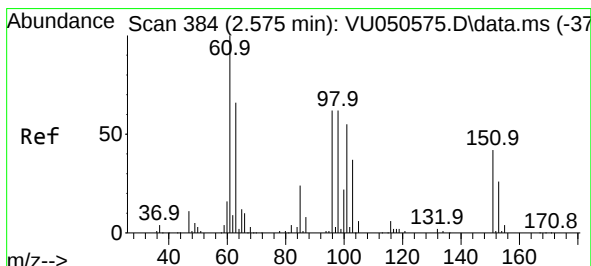
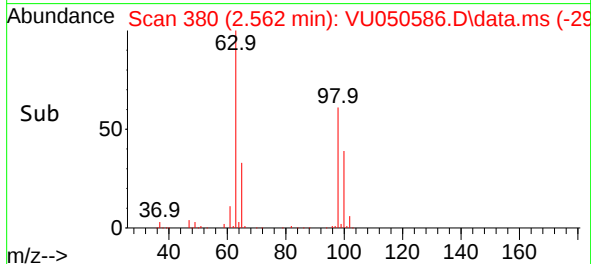
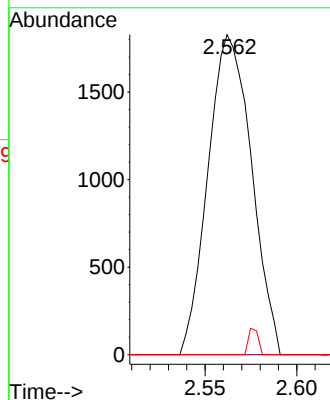
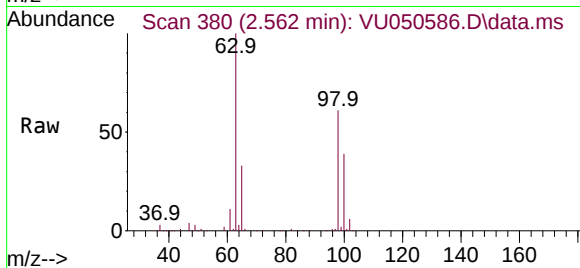
Tgt Ion:101 Resp: 3015

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 1.8 58.2 87.2#



#12

1,1-Dichloroethene

Concen: 0.731 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.010 min

Lab File: VU050586.D

Acq: 01 Sep 2022 17:21

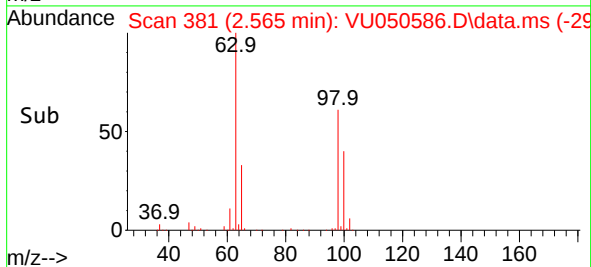
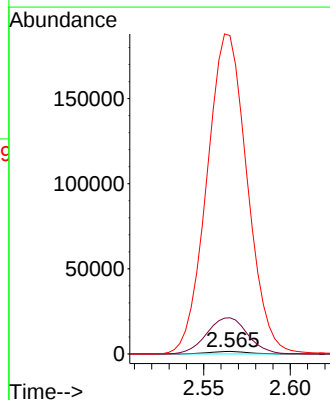
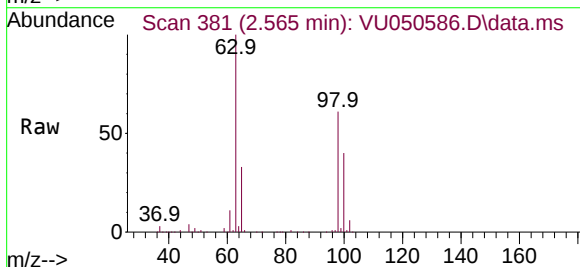
Tgt Ion: 96 Resp: 2334

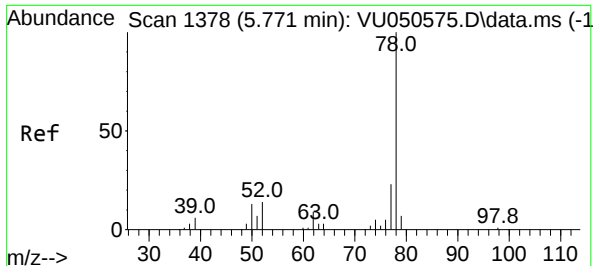
Ion Ratio Lower Upper

96 100

61 1438.4 113.5 210.9#

63 12635.7 78.0 144.9#

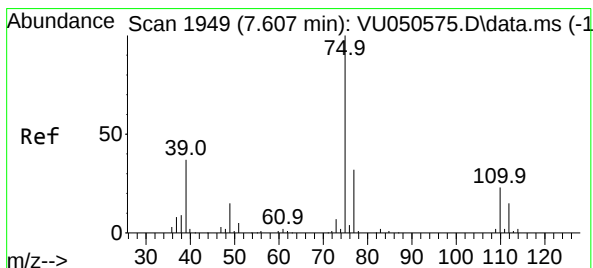
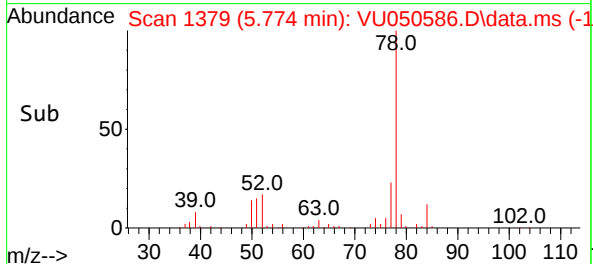
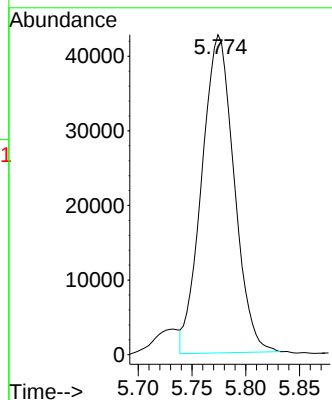
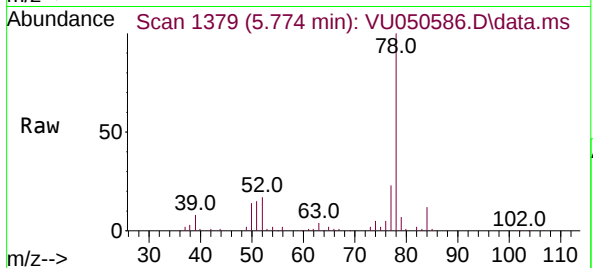




#33
Benzene
Concen: 5.538 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU050586.D
Acq: 01 Sep 2022 17:21

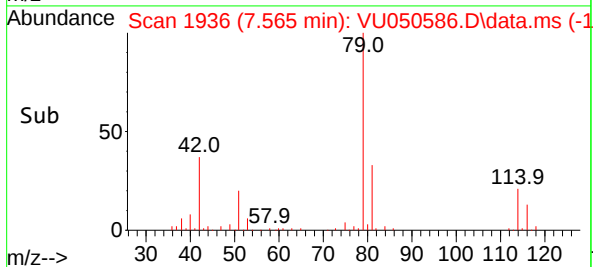
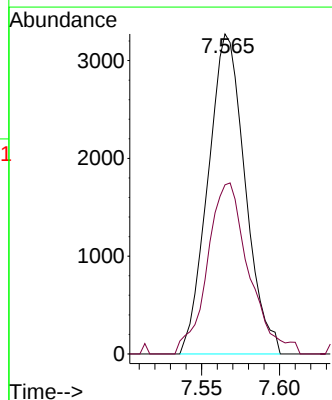
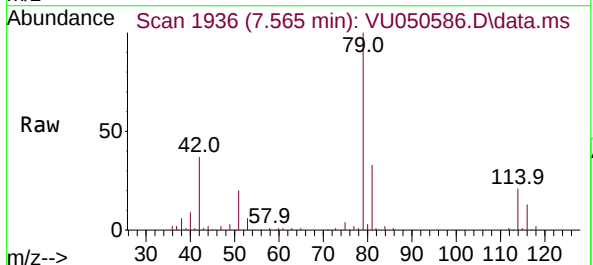
Instrument :
MSVOA_U
ClientSampleId :
C0KW5DL

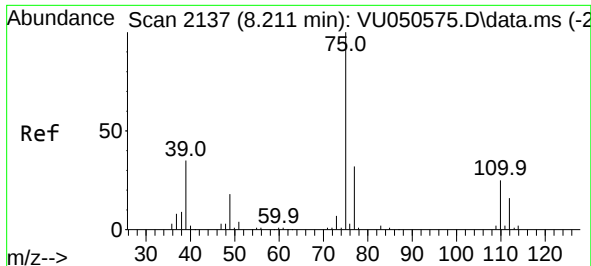
Tgt Ion: 78 Resp: 89245



#39
cis-1,3-Dichloropropene
Concen: 0.930 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.042 min
Lab File: VU050586.D
Acq: 01 Sep 2022 17:21

Tgt Ion: 75 Resp: 5405
Ion Ratio Lower Upper
75 100
77 50.0 22.1 41.1#

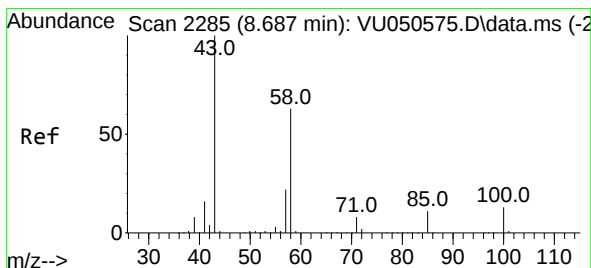
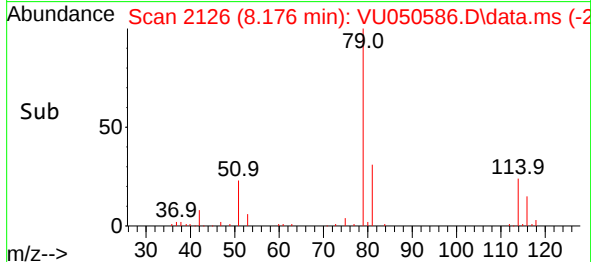
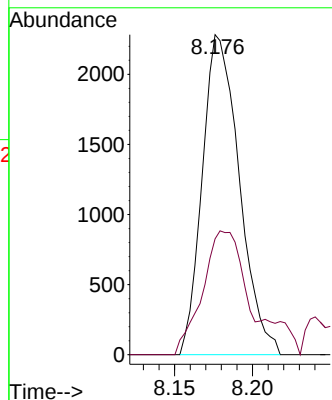
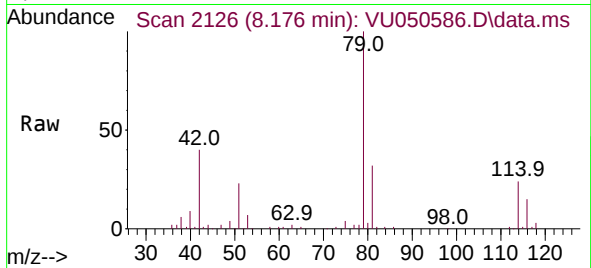




#44
trans-1,3-Dichloropropene
Concen: 0.712 ug/L
RT: 8.176 min Scan# 2137
Delta R.T. -0.035 min
Lab File: VU050586.D
Acq: 01 Sep 2022 17:21

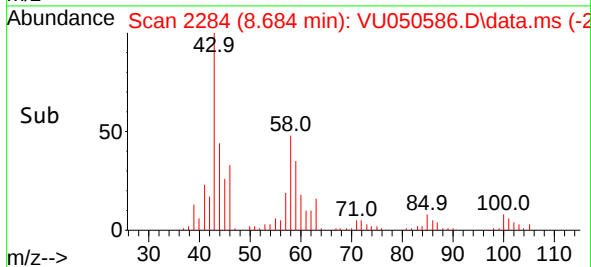
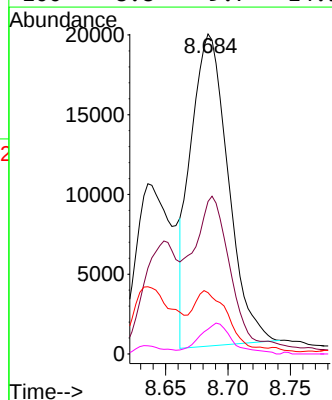
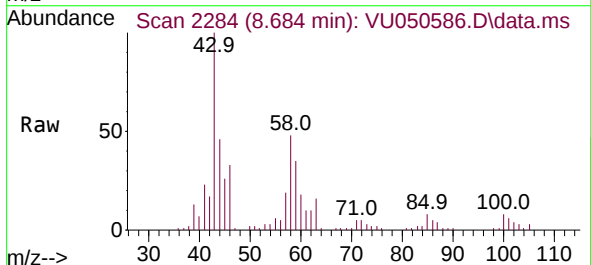
Instrument :
MSVOA_U
ClientSampleId :
C0KW5DL

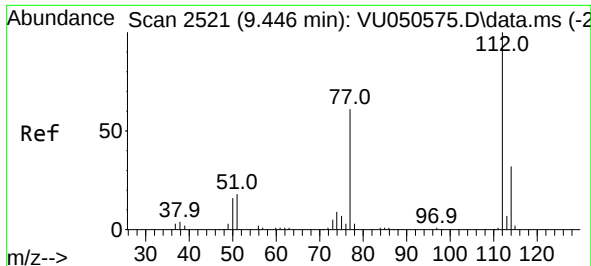
Tgt Ion: 75 Resp: 3772
Ion Ratio Lower Upper
75 100
77 36.2 22.2 41.2



#48
2-Hexanone
Concen: 7.437 ug/L
RT: 8.684 min Scan# 2284
Delta R.T. -0.003 min
Lab File: VU050586.D
Acq: 01 Sep 2022 17:21

Tgt Ion: 43 Resp: 40602
Ion Ratio Lower Upper
43 100
58 35.2 46.6 69.8#
57 16.1 15.8 23.6
100 8.8 9.7 14.5#

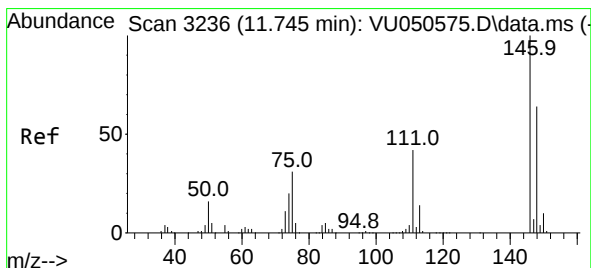
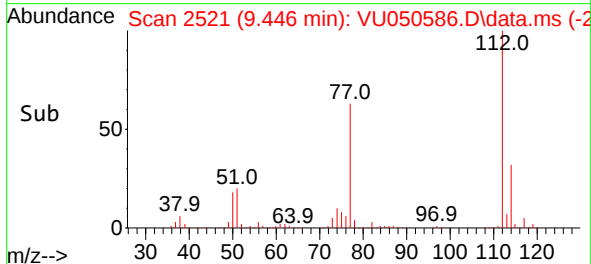
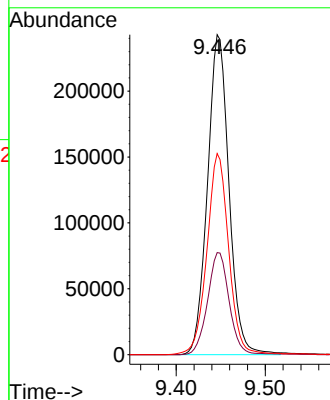
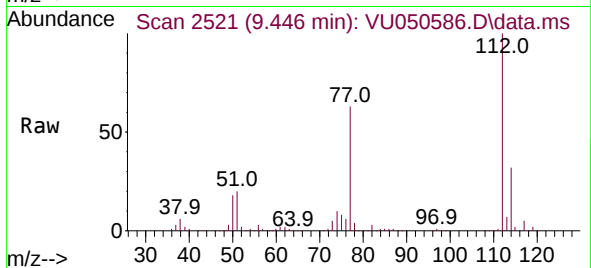




#51
Chlorobenzene
Concen: 40.941 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU050586.D
Acq: 01 Sep 2022 17:21

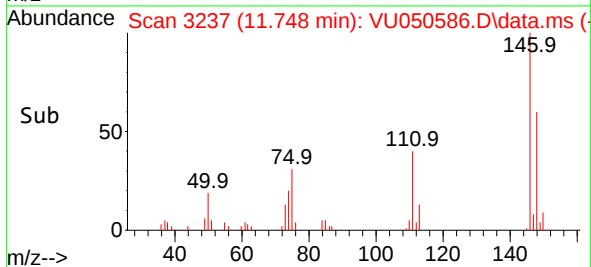
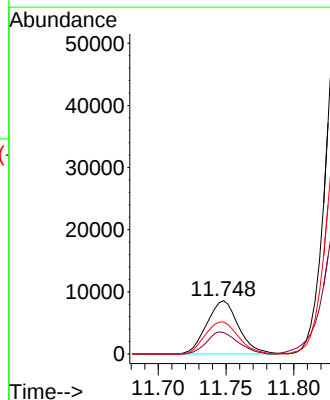
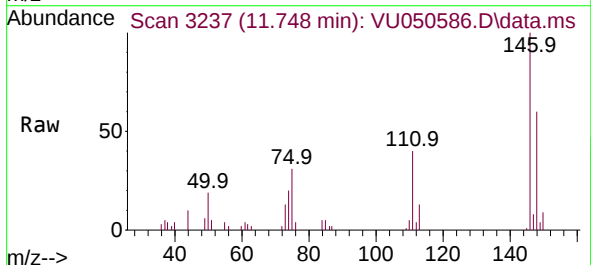
Instrument :
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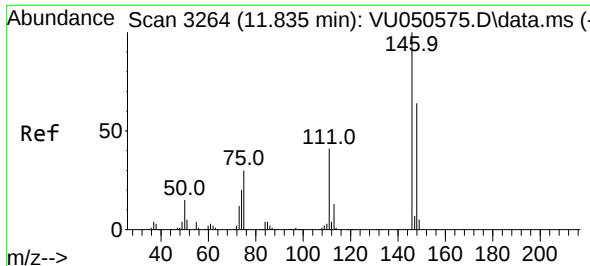
Tgt Ion:112 Resp: 407312
Ion Ratio Lower Upper
112 100
114 31.9 23.0 42.6
77 62.9 49.4 74.2



#64
1,3-Dichlorobenzene
Concen: 2.700 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU050586.D
Acq: 01 Sep 2022 17:21

Tgt Ion:146 Resp: 13974
Ion Ratio Lower Upper
146 100
111 40.1 28.4 52.8
148 60.1 45.0 83.6

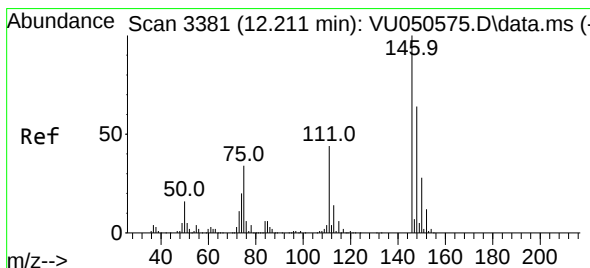
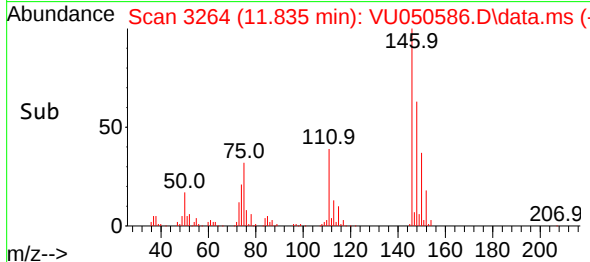
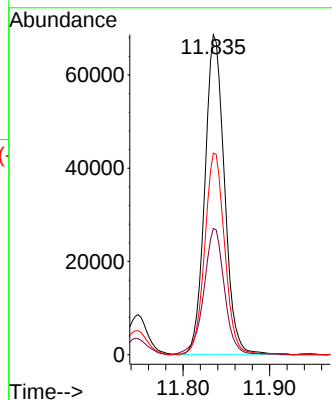
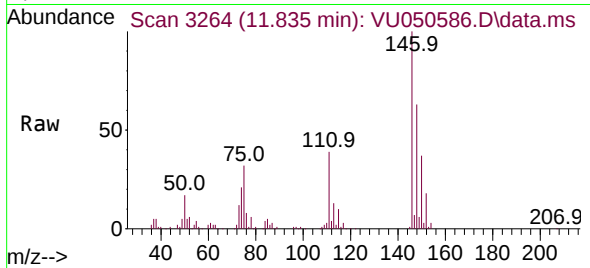




#65
1,4-Dichlorobenzene
Concen: 20.473 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU050586.D
Acq: 01 Sep 2022 17:21

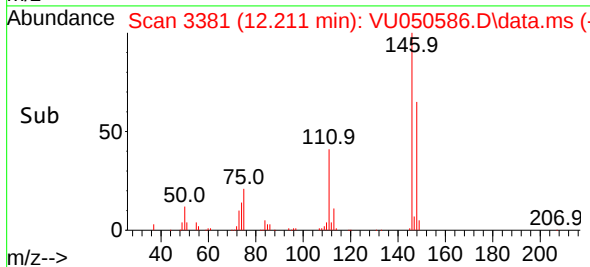
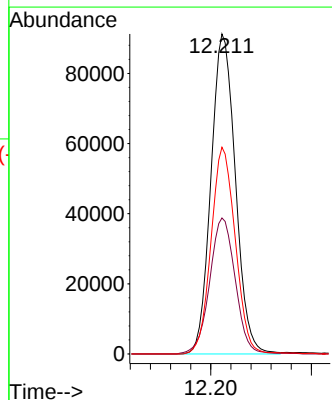
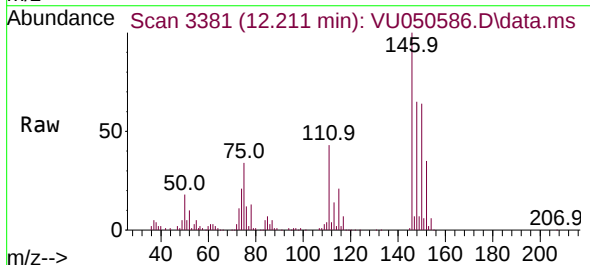
Instrument :
MSVOA_U
ClientSampleId :
C0KW5DL

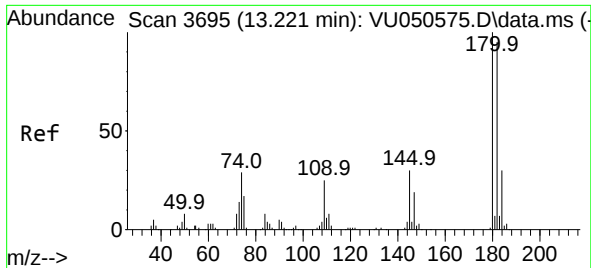
Tgt Ion:146 Resp: 107456
Ion Ratio Lower Upper
146 100
111 39.5 28.2 52.4
148 63.0 45.0 83.6



#67
1,2-Dichlorobenzene
Concen: 27.430 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU050586.D
Acq: 01 Sep 2022 17:21

Tgt Ion:146 Resp: 153921
Ion Ratio Lower Upper
146 100
111 42.5 33.4 50.2
148 64.6 49.9 74.9

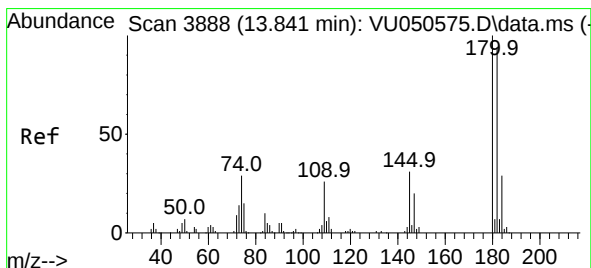
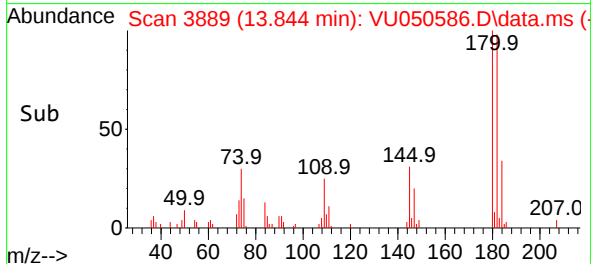
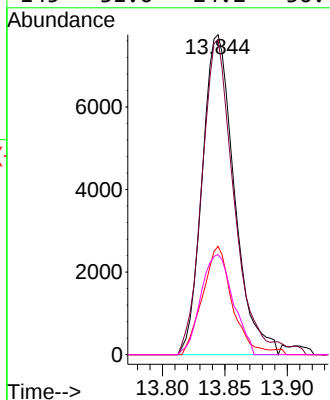
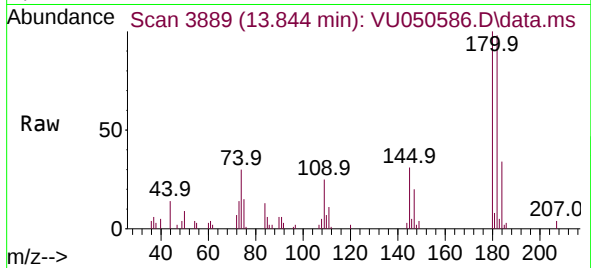




#69
 1,3,5-Trichlorobenzene
 Concen: 3.919 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.624 min
 Lab File: VU050586.D
 Acq: 01 Sep 2022 17:21

Instrument :
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 ClientSampleId :
 C0KW5DL

Tgt Ion:	180	Resp:	13882
Ion Ratio	Lower	Upper	
180	100		
182	96.7	76.3	114.5
184	31.4	24.4	36.6
145	31.6	24.2	36.4



#70
 1,2,4-trichlorobenzene
 Concen: 4.406 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.003 min
 Lab File: VU050586.D
 Acq: 01 Sep 2022 17:21

Tgt Ion:	180	Resp:	13882
Ion Ratio	Lower	Upper	
180	100		
182	96.7	76.6	115.0
145	31.6	24.2	36.4

