

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112822\
 Data File : VU052150.D
 Acq On : 28 Nov 2022 16:12
 Operator : JC/MD
 Sample : N5785-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Nov 28 21:46:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 28 21:44:47 2022
 Response via : Initial Calibration

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

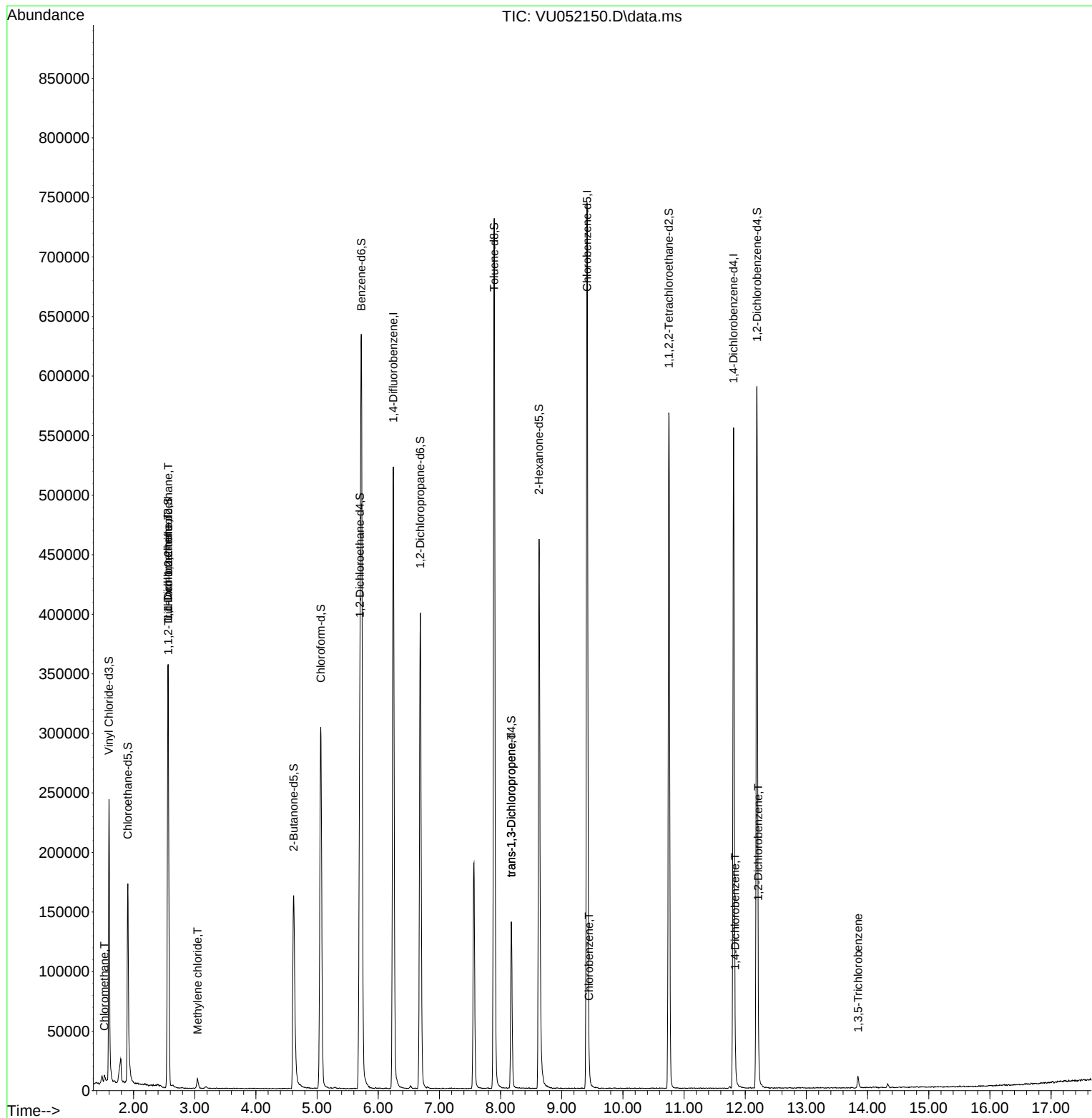
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	432962	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	424905	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	155542	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	180554	48.123	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.240%		
7) Chloroethane-d5	1.906	69	147936	49.787	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.580%		
11) 1,1-Dichloroethene-d2	2.562	63	213086	38.315	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.620%		
21) 2-Butanone-d5	4.616	46	229882	101.960	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.960%		
24) Chloroform-d	5.060	84	294754	47.949	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.900%		
26) 1,2-Dichloroethane-d4	5.700	65	180311	48.769	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.540%		
32) Benzene-d6	5.726	84	613840	48.467	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.940%		
36) 1,2-Dichloropropane-d6	6.687	67	203893	50.111	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.220%		
41) Toluene-d8	7.896	98	509796	45.052	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.100%		
43) trans-1,3-Dichloroprop...	8.176	79	79270	45.766	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.540%		
47) 2-Hexanone-d5	8.629	63	156678	98.714	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.710%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	292327	45.413	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.820%		
66) 1,2-Dichlorobenzene-d4	12.192	152	166246	51.685	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.380%		
Target Compounds						Qvalue
3) Chloromethane	1.523	50	4809	1.444	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1898	0.723	ug/L #	20
12) 1,1-Dichloroethene	2.565	96	1668	0.665	ug/L #	1
16) Methylene chloride	3.044	84	4298	1.126	ug/L	85
44) trans-1,3-Dichloropropene	8.176	75	3166	0.712	ug/L #	54
51) Chlorobenzene	9.446	112	6669	0.779	ug/L	90
65) 1,4-Dichlorobenzene	11.835	146	7597	1.621	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	8785	1.822	ug/L	96
69) 1,3,5-Trichlorobenzene	13.844	180	3940	1.283	ug/L	92

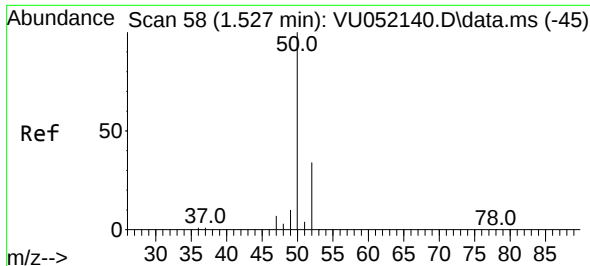
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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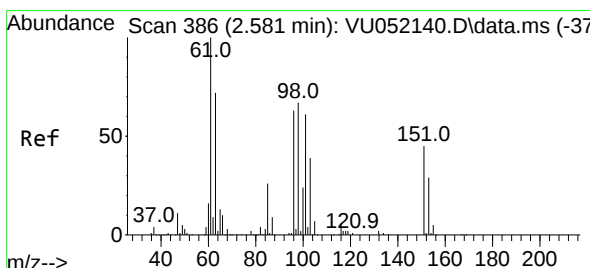
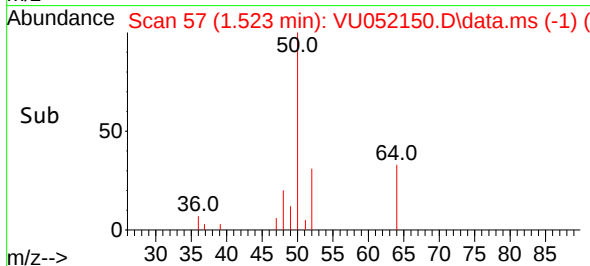
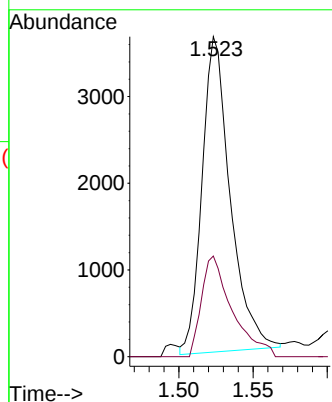
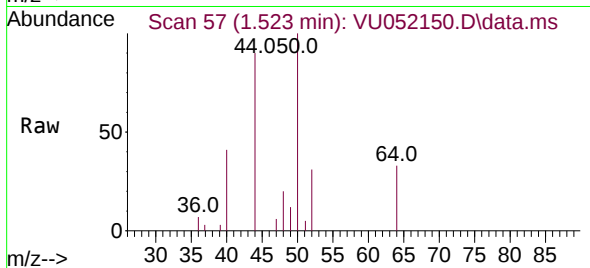




#3
Chloromethane
Concen: 1.444 ug/L
RT: 1.523 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU052150.D
Acq: 28 Nov 2022 16:12

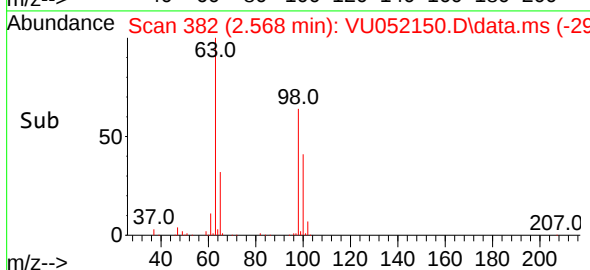
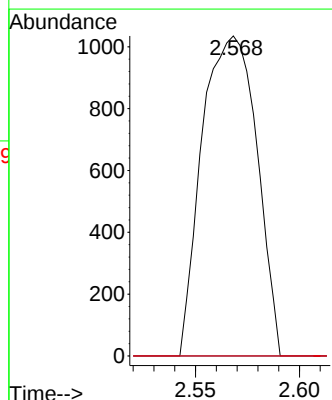
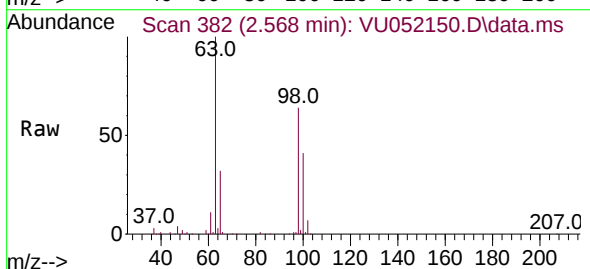
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

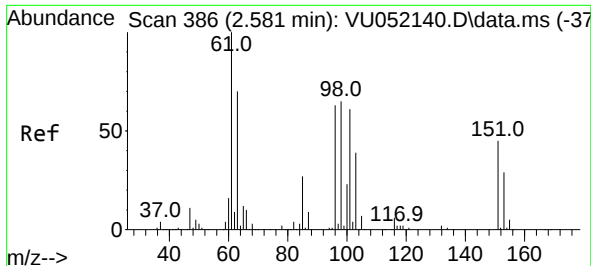
Tgt Ion: 50 Resp: 4809
Ion Ratio Lower Upper
50 100
52 31.5 23.1 42.9



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.723 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU052150.D
Acq: 28 Nov 2022 16:12

Tgt Ion: 101 Resp: 1898
Ion Ratio Lower Upper
101 100
85 0.0 33.6 50.4#
151 0.0 58.9 88.3#

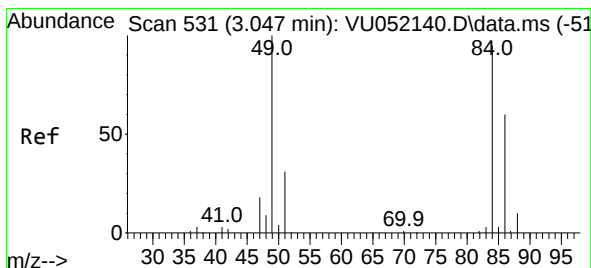
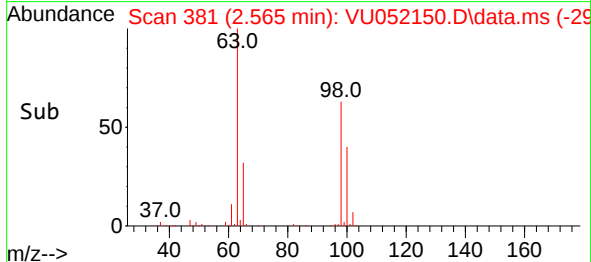
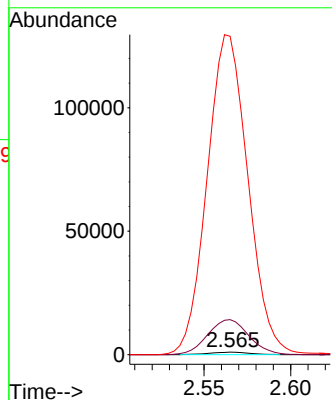
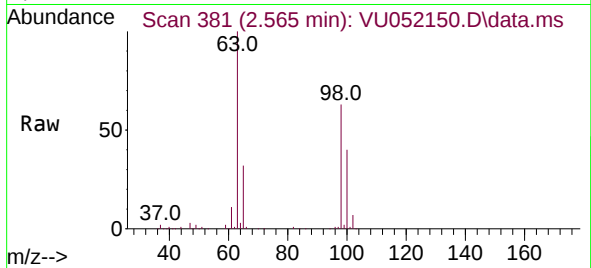




#12
1,1-Dichloroethene
Concen: 0.665 ug/L
RT: 2.565 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU052150.D
Acq: 28 Nov 2022 16:12

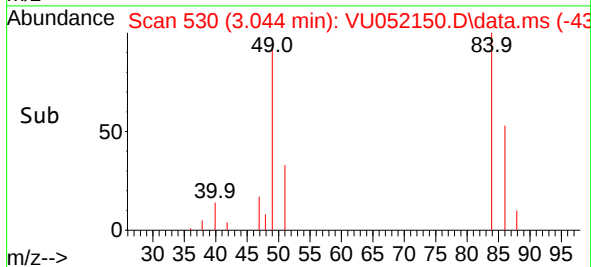
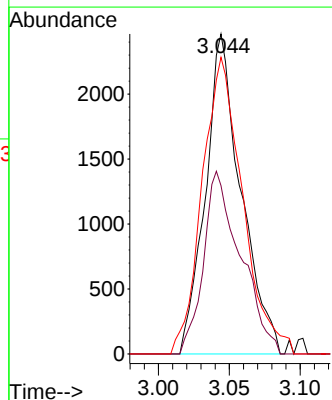
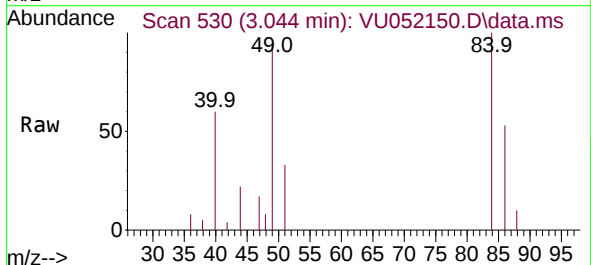
Instrument :
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ClientSampleId :
VHBLK001

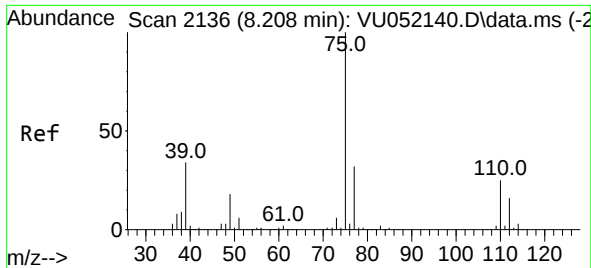
Tgt Ion: 96 Resp: 1668
Ion Ratio Lower Upper
96 100
61 1387.5 114.2 212.0#
63 12605.3 90.9 168.7#



#16
Methylene chloride
Concen: 1.126 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU052150.D
Acq: 28 Nov 2022 16:12

Tgt Ion: 84 Resp: 4298
Ion Ratio Lower Upper
84 100
86 52.6 45.2 84.0
49 92.7 75.9 141.1

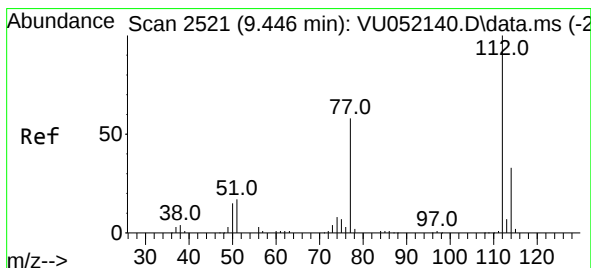
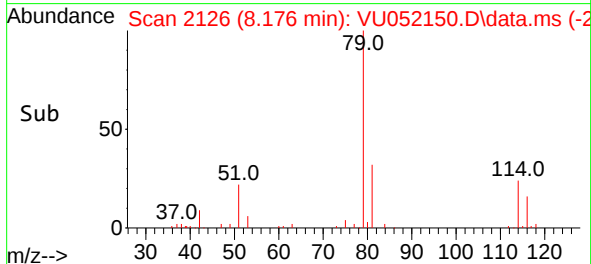
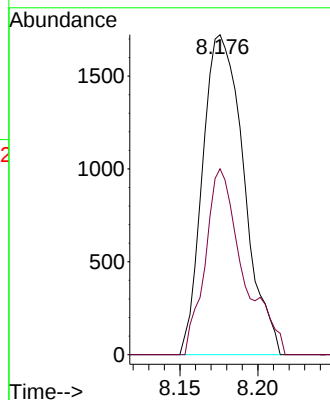
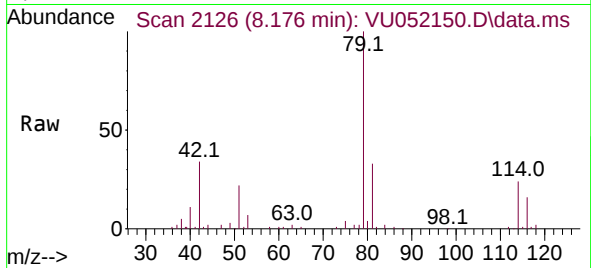




#44
trans-1,3-Dichloropropene
Concen: 0.712 ug/L
RT: 8.176 min Scan# 2136
Delta R.T. -0.032 min
Lab File: VU052150.D
Acq: 28 Nov 2022 16:12

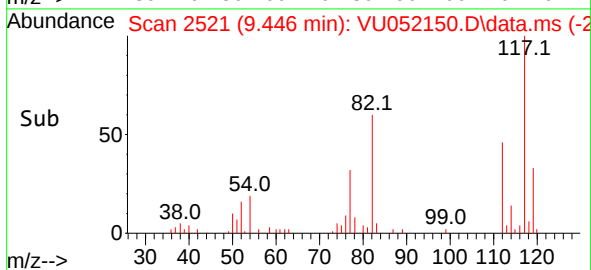
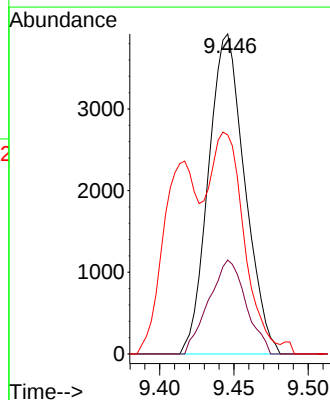
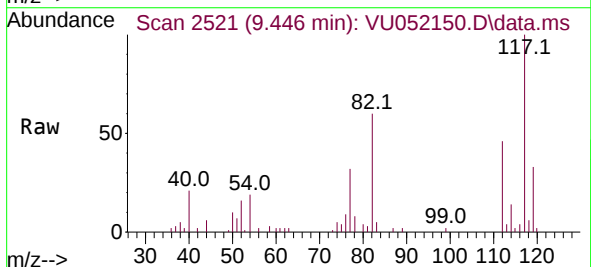
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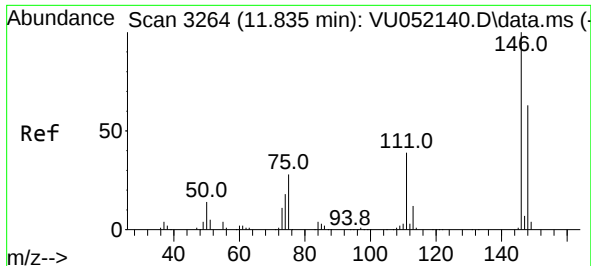
Tgt Ion: 75 Resp: 3166
Ion Ratio Lower Upper
75 100
77 58.1 22.7 42.1#



#51
Chlorobenzene
Concen: 0.779 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU052150.D
Acq: 28 Nov 2022 16:12

Tgt Ion: 112 Resp: 6669
Ion Ratio Lower Upper
112 100
114 29.3 22.2 41.2
77 68.4 46.5 69.7

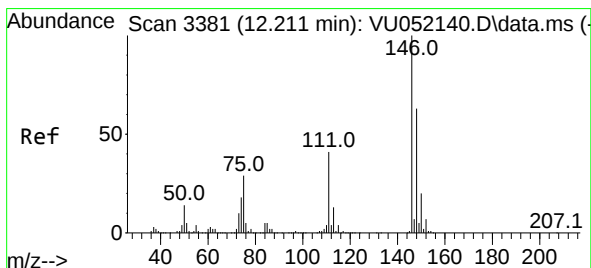
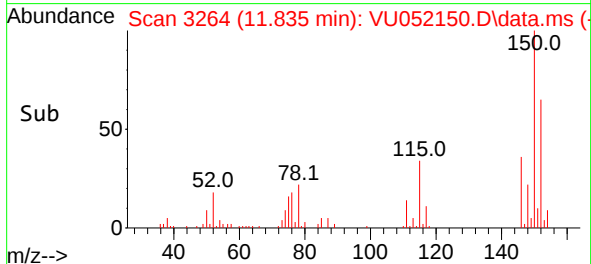
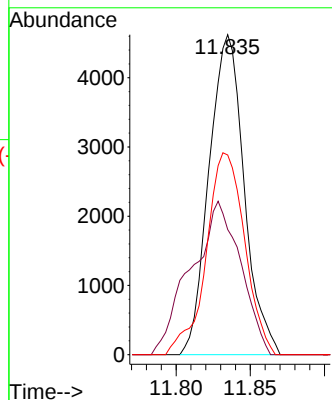
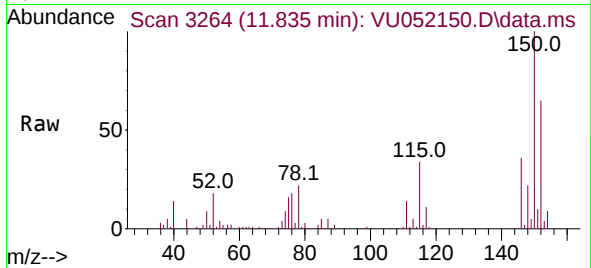




#65
1,4-Dichlorobenzene
Concen: 1.621 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU052150.D
Acq: 28 Nov 2022 16:12

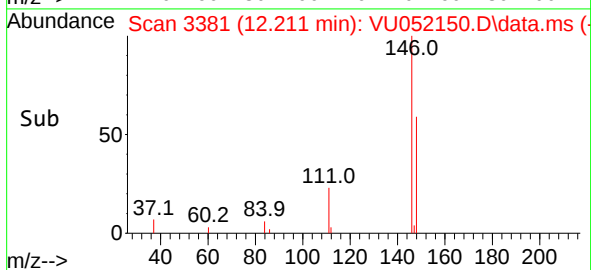
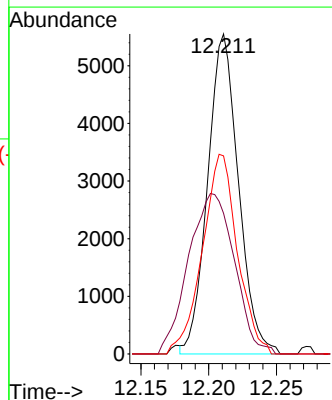
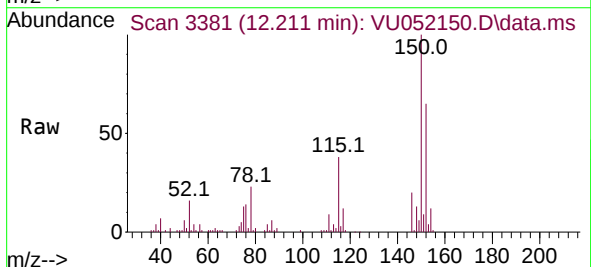
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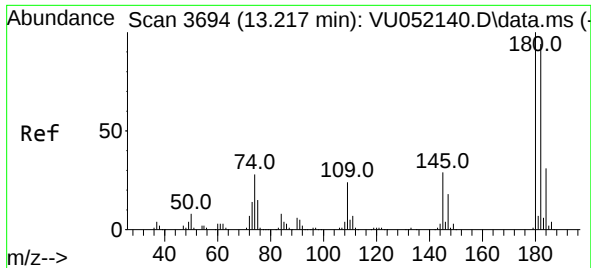
Tgt Ion:146 Resp: 7597
Ion Ratio Lower Upper
146 100
111 39.1 27.6 51.2
148 62.4 44.8 83.2



#67
1,2-Dichlorobenzene
Concen: 1.822 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU052150.D
Acq: 28 Nov 2022 16:12

Tgt Ion:146 Resp: 8785
Ion Ratio Lower Upper
146 100
111 43.9 34.2 51.4
148 61.9 52.6 79.0





#69

1,3,5-Trichlorobenzene

Concen: 1.283 ug/L

RT: 13.844 min Scan# 3889

Delta R.T. 0.627 min

Lab File: VU052150.D

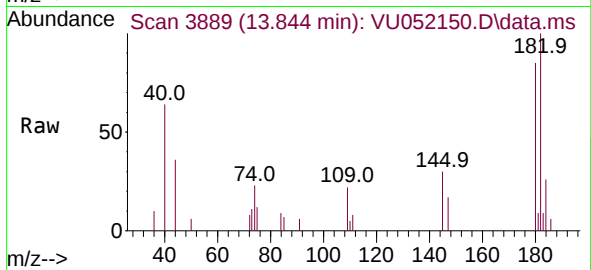
Acq: 28 Nov 2022 16:12

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ClientSampleId :

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Tgt Ion:180 Resp: 3940

Ion Ratio Lower Upper

180 100

182 107.1 77.2 115.8

184 27.8 24.6 36.8

145 31.0 23.4 35.2

