

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041522\
 Data File : VU048096.D
 Acq On : 15 Apr 2022 12:03
 Operator : SY/MD
 Sample : VU0415WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK102

Quant Time: Apr 20 12:08:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 20 02:08:53 2022
 Response via : Initial Calibration

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

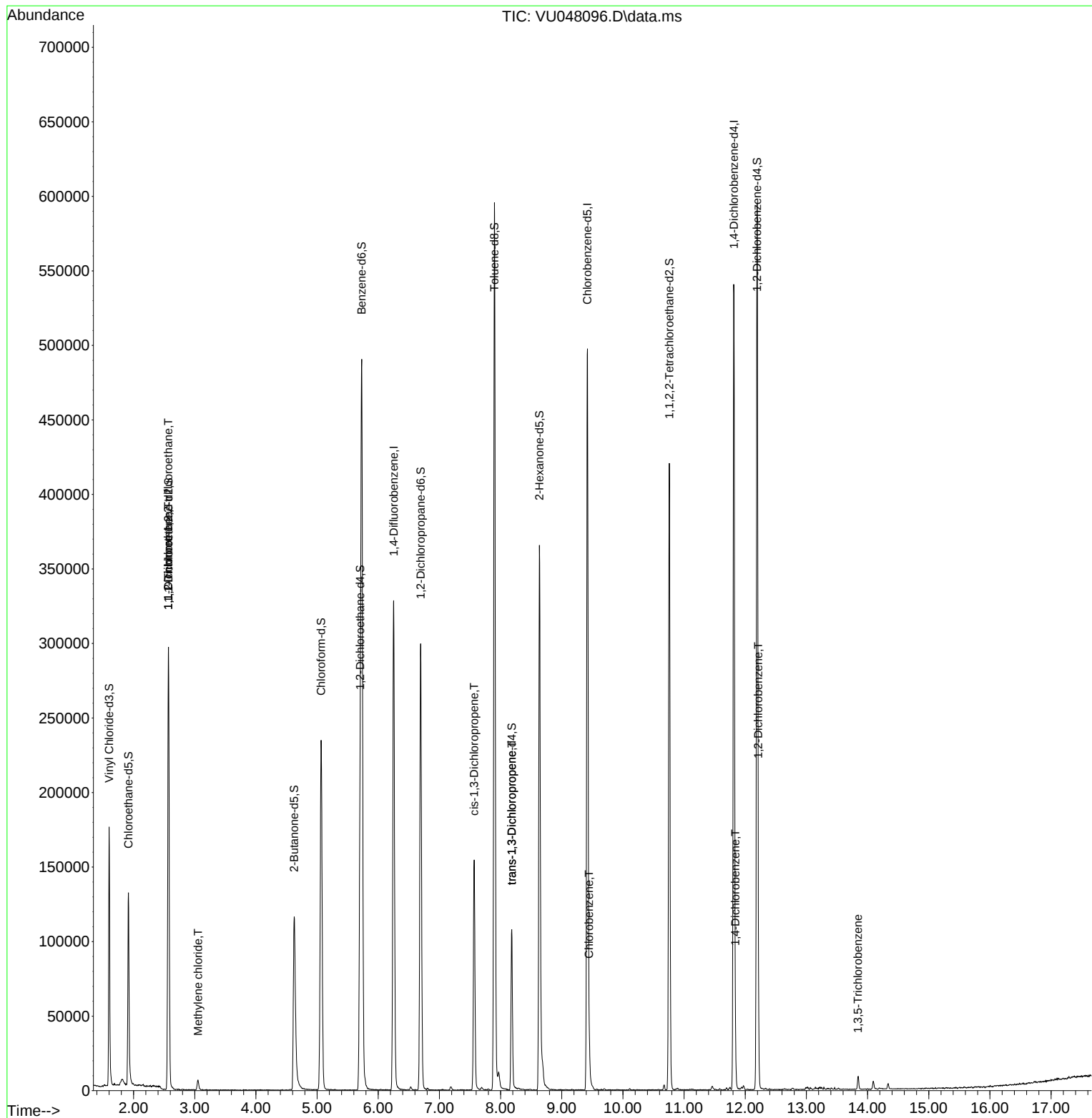
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	282847	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	299472	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	156485	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	131184	63.958	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 127.920%			
7) Chloroethane-d5	1.916	69	103301	63.873	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 127.740%			
11) 1,1-Dichloroethene-d2	2.572	63	172891	46.071	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.140%			
21) 2-Butanone-d5	4.626	46	174678	99.220	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.220%			
24) Chloroform-d	5.067	84	220726	58.813	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 117.620%			
26) 1,2-Dichloroethane-d4	5.703	65	139573	60.637	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 121.280%			
32) Benzene-d6	5.729	84	459489	60.976	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 121.960%			
36) 1,2-Dichloropropane-d6	6.694	67	145360	62.811	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 125.620%#			
41) Toluene-d8	7.899	98	410917	55.969	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.940%			
43) trans-1,3-Dichloroprop...	8.182	79	60178	51.327	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.660%			
47) 2-Hexanone-d5	8.636	63	122831	90.667	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.670%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	206813	52.073	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.140%			
66) 1,2-Dichlorobenzene-d4	12.195	152	167237	60.070	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 120.140%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1644	0.789	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1435	0.740	ug/L #	1
16) Methylene chloride	3.054	84	3648	1.639	ug/L	97
39) cis-1,3-Dichloropropene	7.568	75	3814	1.115	ug/L #	58
44) trans-1,3-Dichloropropene	8.182	75	2800	0.820	ug/L	89
51) Chlorobenzene	9.446	112	11558	1.790	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	7401	1.520	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	5725	1.217	ug/L #	94
69) 1,3,5-Trichlorobenzene	13.841	180	3610	0.946	ug/L	98

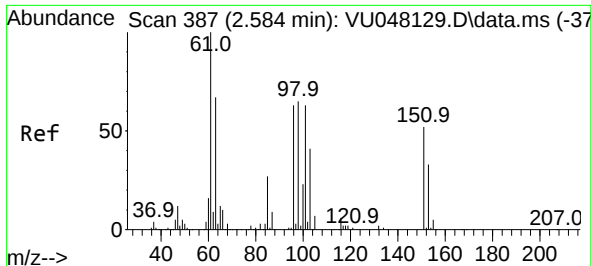
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK102

Quant Time: Apr 20 12:08:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 20 02:08:53 2022
Response via : Initial Calibration

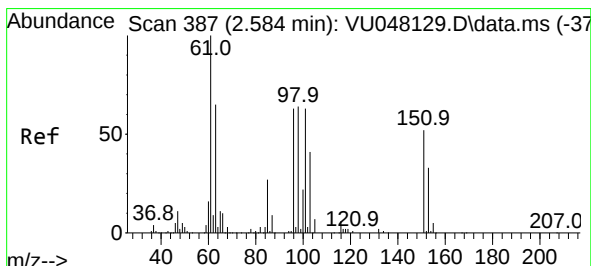
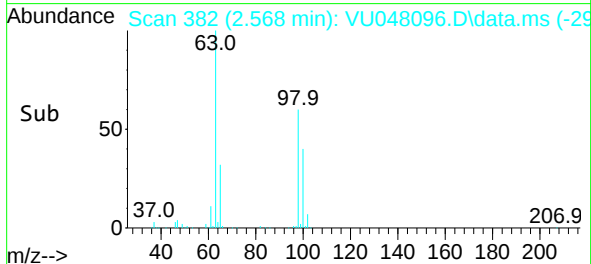
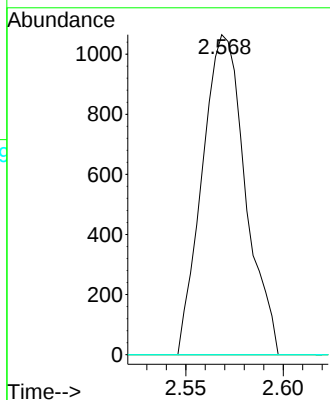
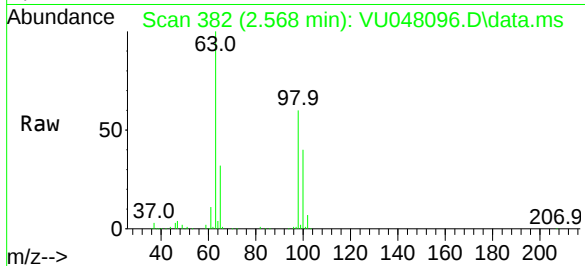




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.789 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU048096.D
 Acq: 15 Apr 2022 12:03

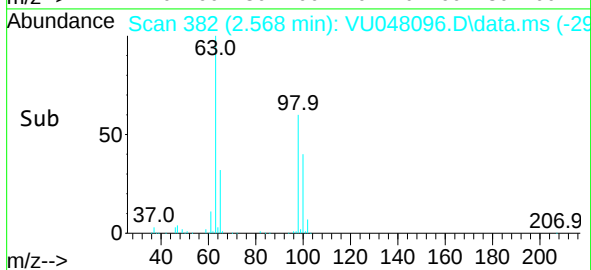
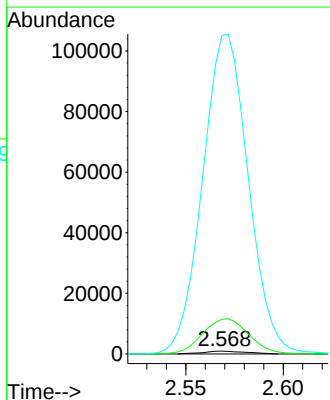
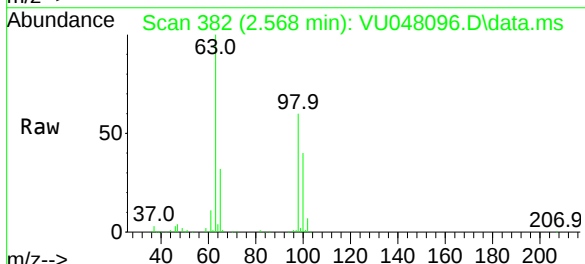
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK102

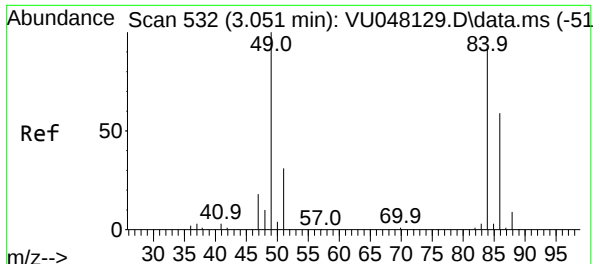
Tgt Ion:101 Resp: 1644
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.740 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU048096.D
 Acq: 15 Apr 2022 12:03

Tgt Ion: 96 Resp: 1435
 Ion Ratio Lower Upper
 96 100
 61 1195.8 113.1 210.1#
 63 10989.1 94.8 176.0#

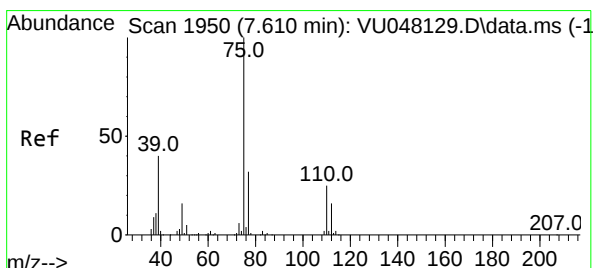
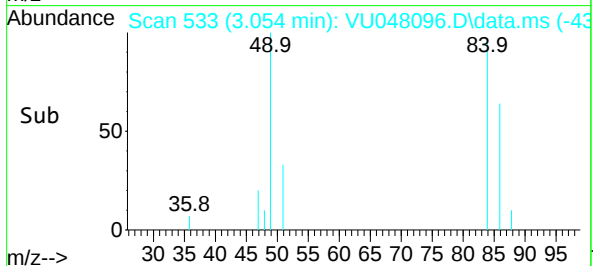
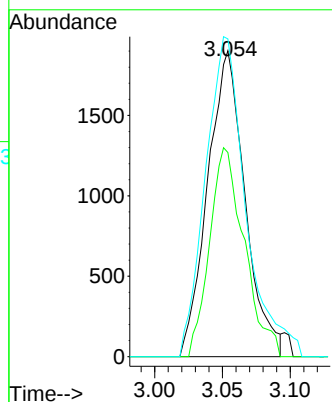
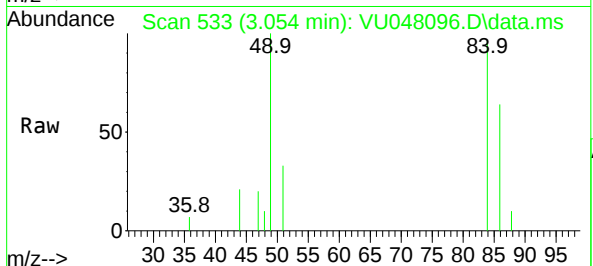




#16
Methylene chloride
Concen: 1.639 ug/L
RT: 3.054 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU048096.D
Acq: 15 Apr 2022 12:03

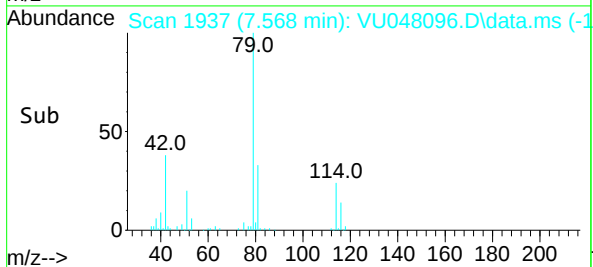
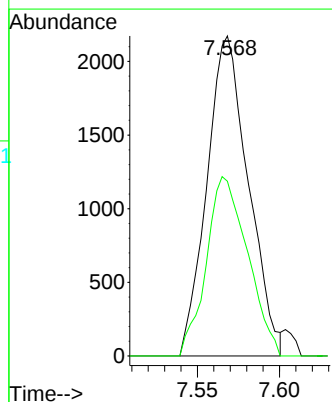
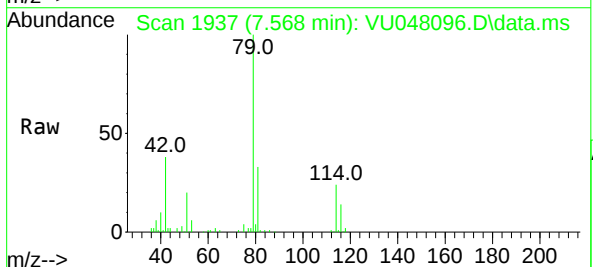
Instrument :
MSVOA_U
ClientSampleId :
VBLK102

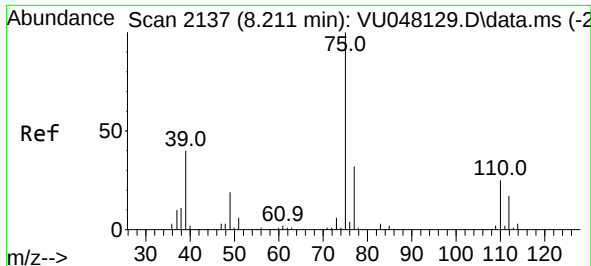
Tgt Ion: 84 Resp: 3648
Ion Ratio Lower Upper
84 100
86 66.8 46.0 85.4
49 103.9 75.3 139.8



#39
cis-1,3-Dichloropropene
Concen: 1.115 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU048096.D
Acq: 15 Apr 2022 12:03

Tgt Ion: 75 Resp: 3814
Ion Ratio Lower Upper
75 100
77 54.6 21.8 40.6#

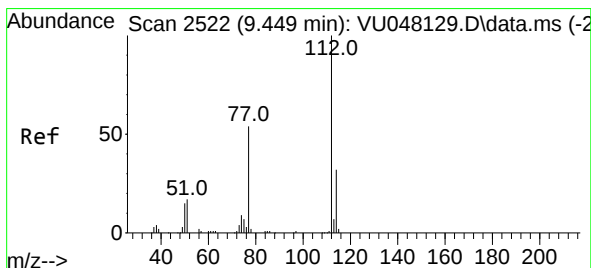
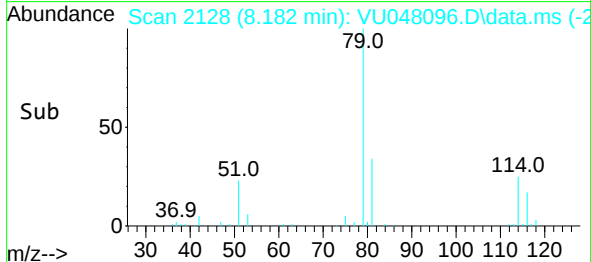
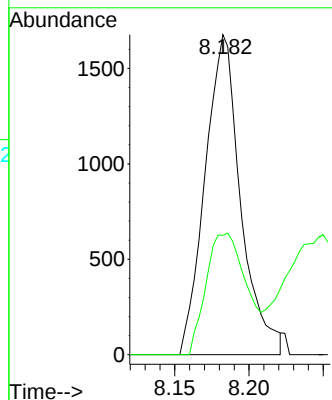
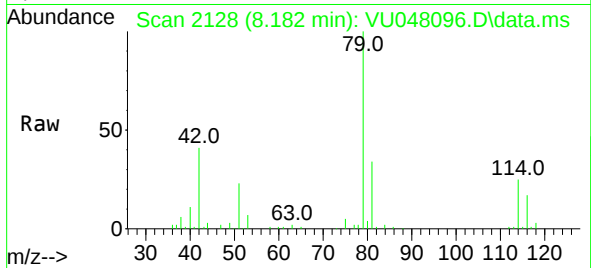




#44
trans-1,3-Dichloropropene
Concen: 0.820 ug/L
RT: 8.182 min Scan# 2137
Delta R.T. -0.029 min
Lab File: VU048096.D
Acq: 15 Apr 2022 12:03

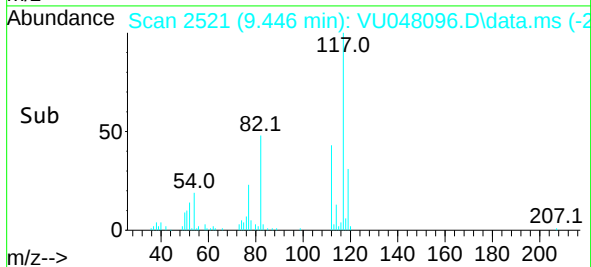
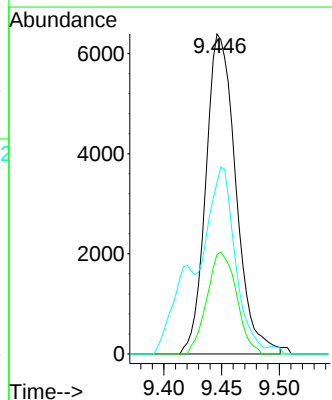
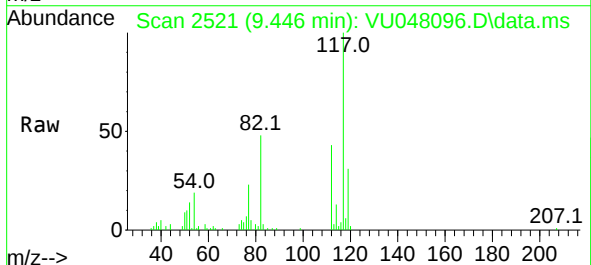
Instrument :
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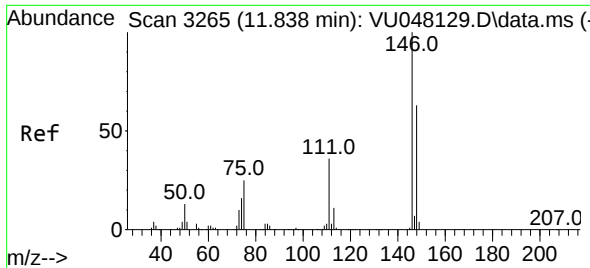
Tgt Ion: 75 Resp: 2800
Ion Ratio Lower Upper
75 100
77 37.3 22.0 40.8



#51
Chlorobenzene
Concen: 1.790 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU048096.D
Acq: 15 Apr 2022 12:03

Tgt Ion: 112 Resp: 11558
Ion Ratio Lower Upper
112 100
114 31.1 22.1 41.1
77 53.6 43.4 65.0

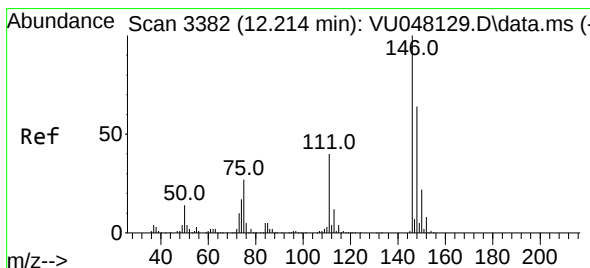
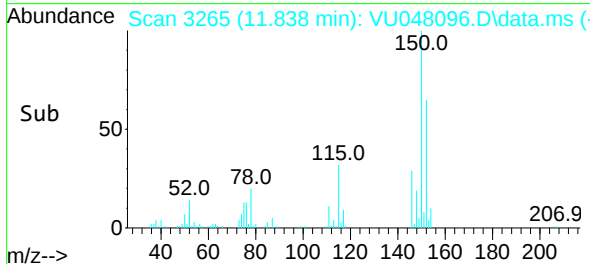
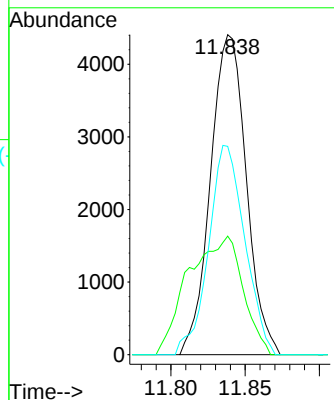
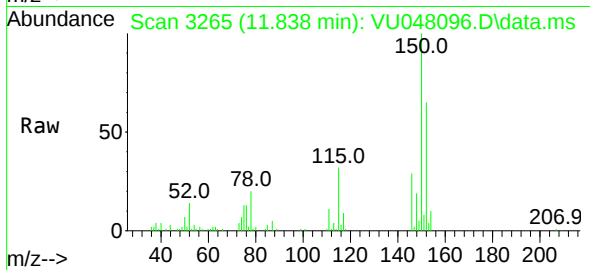




#65
1,4-Dichlorobenzene
Concen: 1.520 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU048096.D
Acq: 15 Apr 2022 12:03

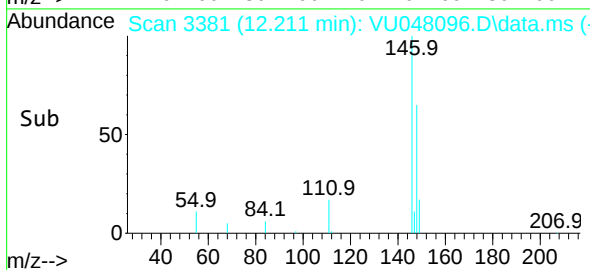
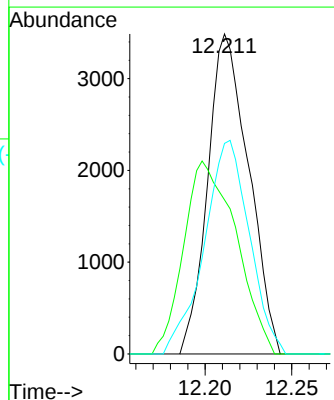
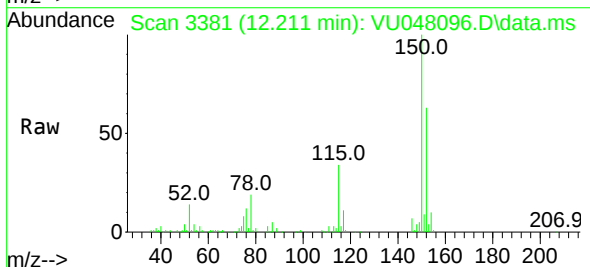
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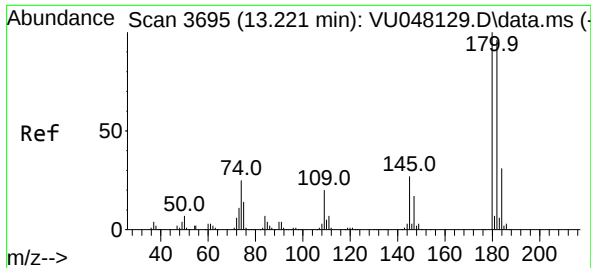
Tgt Ion:146 Resp: 7401
Ion Ratio Lower Upper
146 100
111 37.1 25.3 47.1
148 65.1 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 1.217 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU048096.D
Acq: 15 Apr 2022 12:03

Tgt Ion:146 Resp: 5725
Ion Ratio Lower Upper
146 100
111 48.1 31.7 47.5#
148 65.8 51.4 77.2





#69

1,3,5-Trichlorobenzene

Concen: 0.946 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.621 min

Lab File: VU048096.D

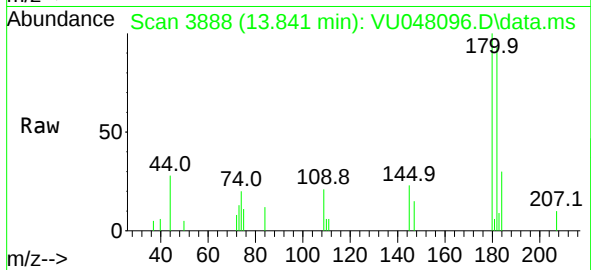
Acq: 15 Apr 2022 12:03

Instrument :

MSVOA_U

ClientSampleId :

VBLK102



Tgt Ion:180 Resp: 3610

Ion Ratio Lower Upper

180 100

182 94.5 77.0 115.6

184 30.0 24.5 36.7

145 25.1 21.0 31.6

