

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090622\
 Data File : VU050631.D
 Acq On : 06 Sep 2022 13:32
 Operator : SY/MD
 Sample : VU0906MBL01
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK182

Quant Time: Sep 07 01:38:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 07 01:37:50 2022
 Response via : Initial Calibration

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

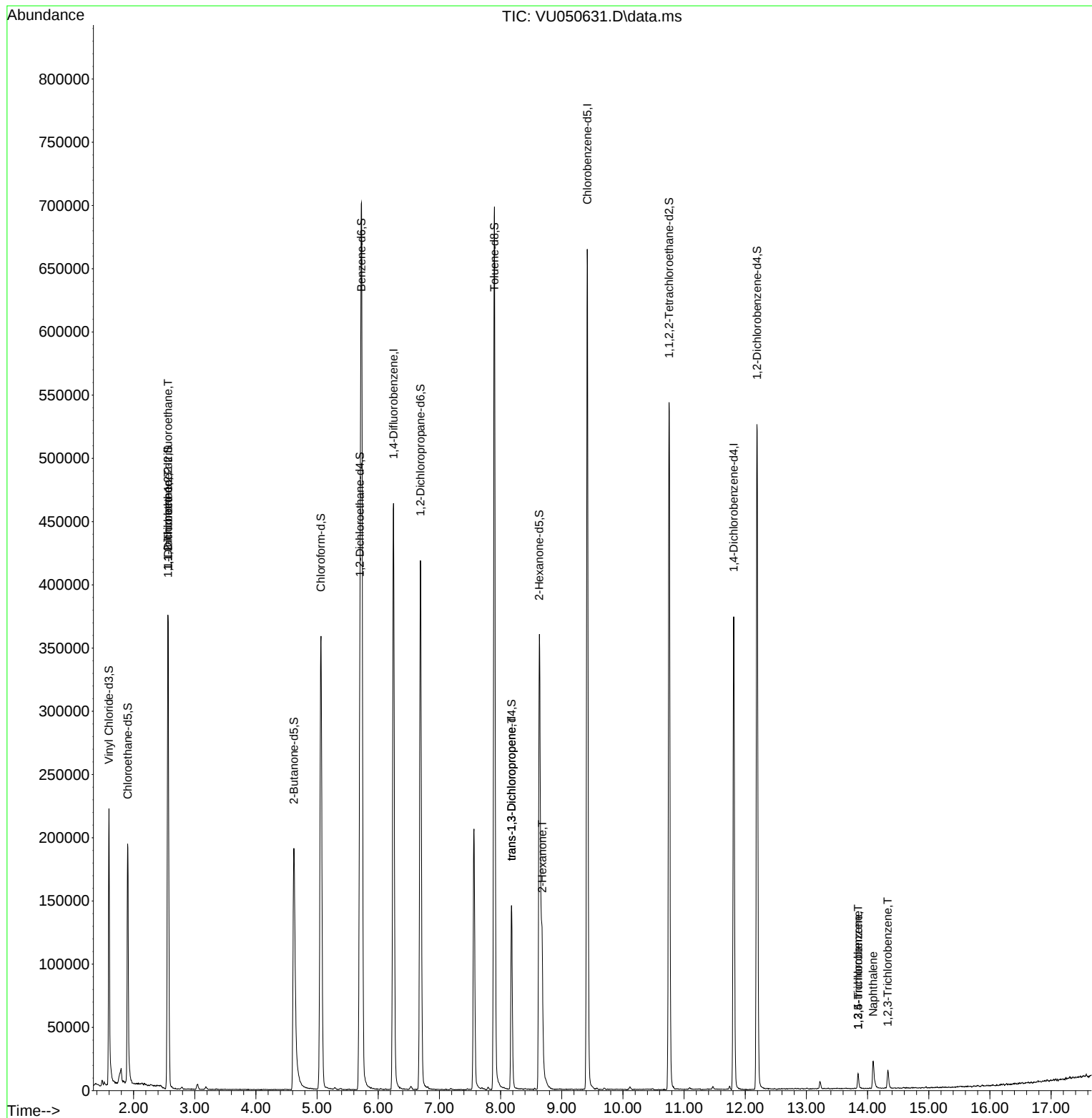
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	382706	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	378045	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	102095	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	174843	53.414	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery	= 106.820%		
7) Chloroethane-d5	1.903	69	151363	68.380	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery	= 136.760%#		
11) 1,1-Dichloroethene-d2	2.562	63	222738	38.506	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 77.020%		
21) 2-Butanone-d5	4.620	46	276018	115.254	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery	= 115.250%		
24) Chloroform-d	5.064	84	343127	55.309	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 110.620%		
26) 1,2-Dichloroethane-d4	5.700	65	207192	54.653	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 109.300%		
32) Benzene-d6	5.726	84	664531	53.191	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 106.380%		
36) 1,2-Dichloropropane-d6	6.690	67	218304	53.222	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery	= 106.440%		
41) Toluene-d8	7.899	98	478121	44.753	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 89.500%		
43) trans-1,3-Dichloroprop...	8.179	79	87148	51.350	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 102.700%		
47) 2-Hexanone-d5	8.633	63	110769	107.361	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery	= 107.360%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	290551	46.809	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery	= 93.620%		
66) 1,2-Dichlorobenzene-d4	12.192	152	143064	59.860	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 119.720%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	2131	0.713	ug/L #	22
12) 1,1-Dichloroethene	2.565	96	1991	0.685	ug/L #	1
44) trans-1,3-Dichloropropene	8.179	75	3863	0.837	ug/L	85
48) 2-Hexanone	8.681	43	52084	11.269	ug/L #	85
69) 1,3,5-Trichlorobenzene	13.845	180	4545	1.761	ug/L	96
70) 1,2,4-trichlorobenzene	13.845	180	4545	2.074	ug/L	96
71) Naphthalene	14.092	128	23664	3.046	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	5383	2.269	ug/L	93

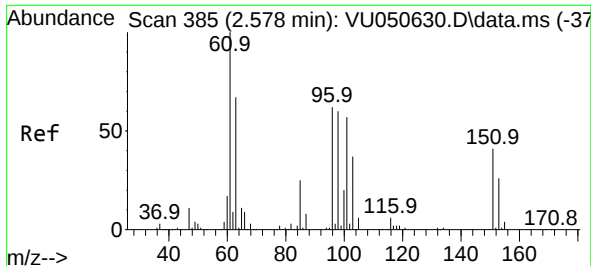
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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VBLK182

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Quant Title : VOC Analysis
QLast Update : Wed Sep 07 01:37:50 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.713 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.016 min

Lab File: VU050631.D

Acq: 06 Sep 2022 13:32

Instrument :

MSVOA_U

ClientSampleId :

VBLK182

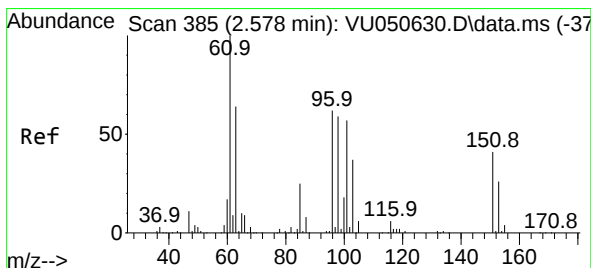
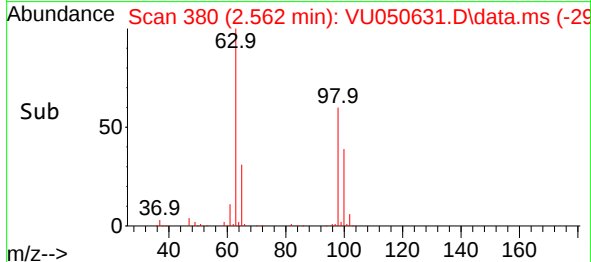
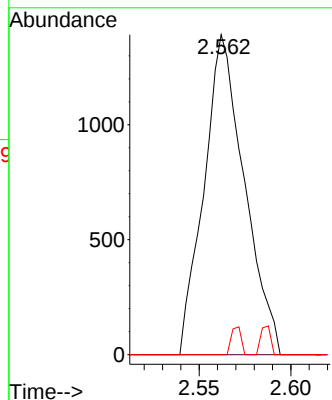
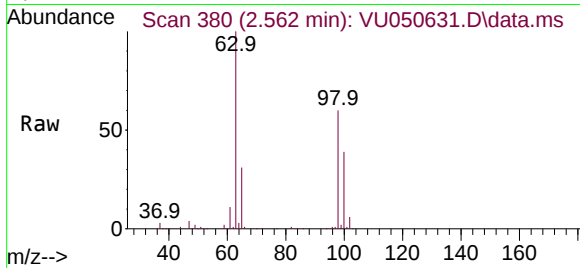
Tgt Ion:101 Resp: 2131

Ion Ratio Lower Upper

101 100

85 0.0 34.4 51.6#

151 2.1 57.7 86.5#



#12

1,1-Dichloroethene

Concen: 0.685 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU050631.D

Acq: 06 Sep 2022 13:32

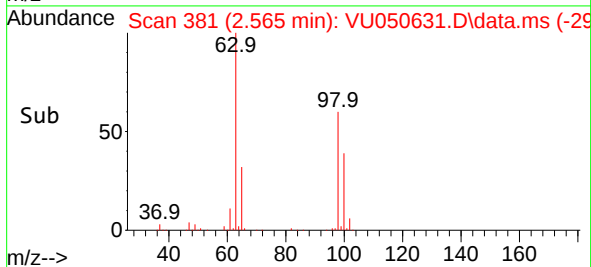
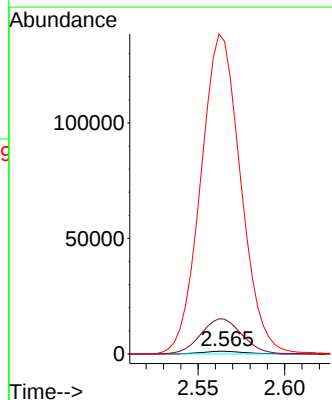
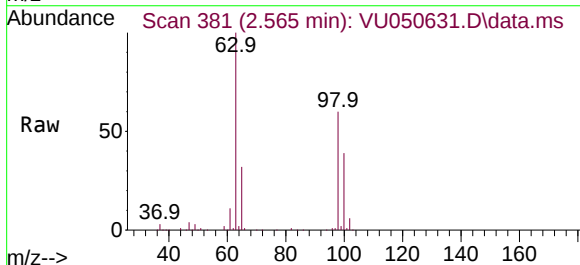
Tgt Ion: 96 Resp: 1991

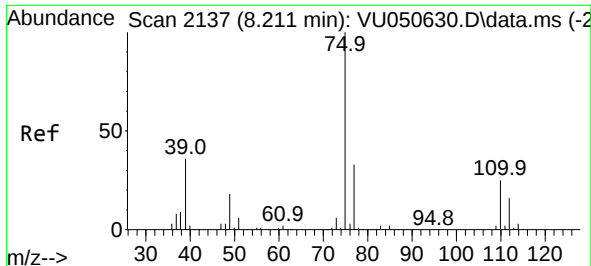
Ion Ratio Lower Upper

96 100

61 1273.6 118.0 219.1#

63 11456.1 79.5 147.7#

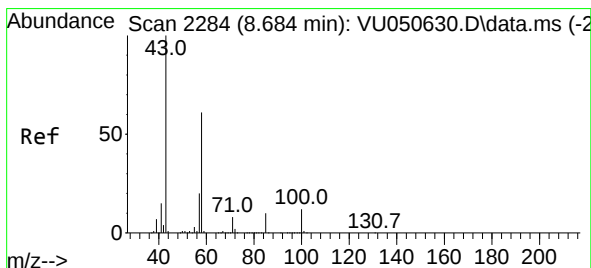
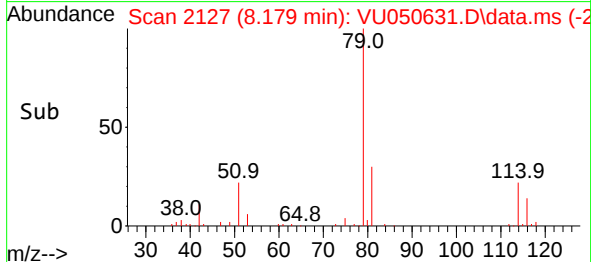
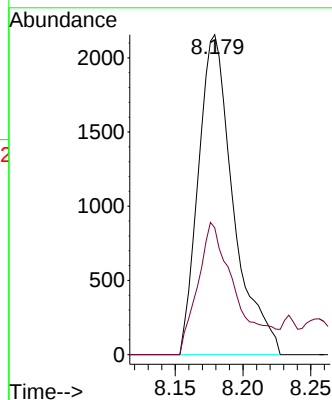
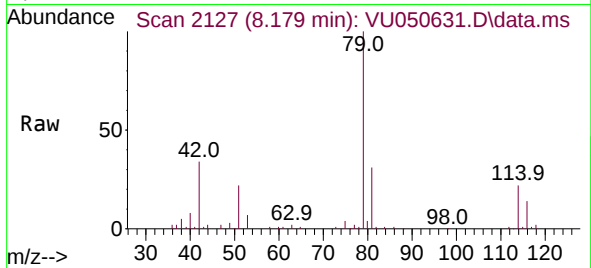




#44
trans-1,3-Dichloropropene
Concen: 0.837 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU050631.D
Acq: 06 Sep 2022 13:32

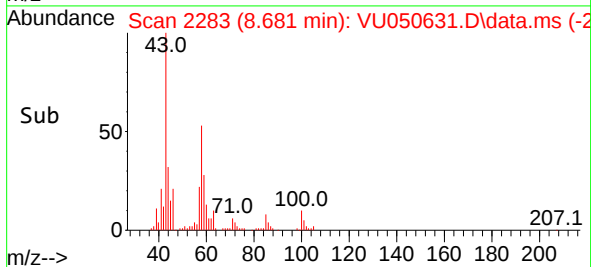
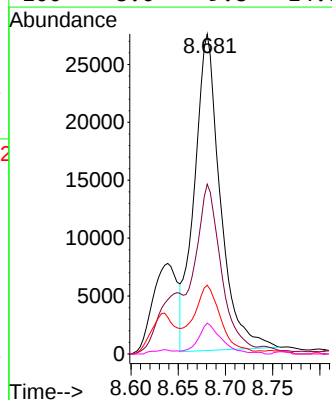
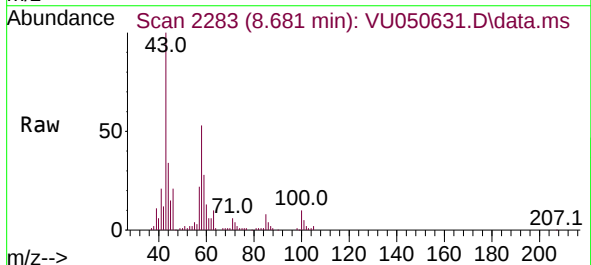
Instrument :
MSVOA_U
ClientSampleId :
VBLK182

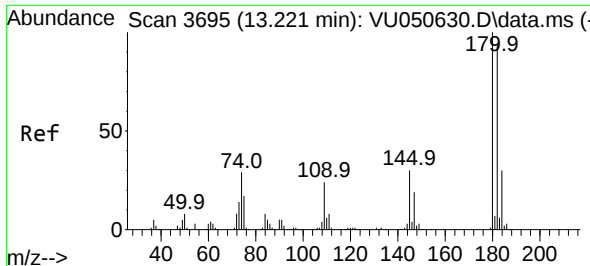
Tgt Ion: 75 Resp: 3863
Ion Ratio Lower Upper
75 100
77 39.7 22.1 41.1



#48
2-Hexanone
Concen: 11.269 ug/L
RT: 8.681 min Scan# 2283
Delta R.T. -0.003 min
Lab File: VU050631.D
Acq: 06 Sep 2022 13:32

Tgt Ion: 43 Resp: 52084
Ion Ratio Lower Upper
43 100
58 49.3 51.8 77.6#
57 20.6 17.0 25.4
100 8.0 9.8 14.8#





#69

1,3,5-Trichlorobenzene

Concen: 1.761 ug/L

RT: 13.845 min Scan# 3889

Delta R.T. 0.624 min

Lab File: VU050631.D

Acq: 06 Sep 2022 13:32

Instrument :

MSVOA_U

ClientSampleId :

VBLK182

Tgt Ion:180 Resp: 4545

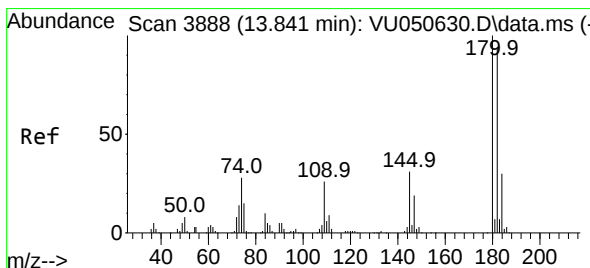
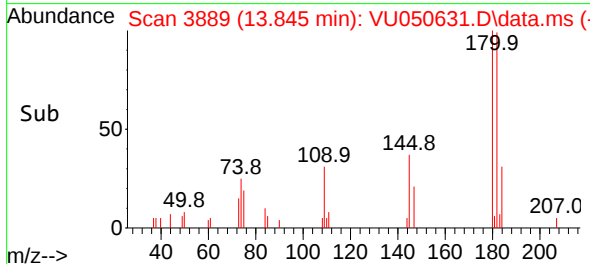
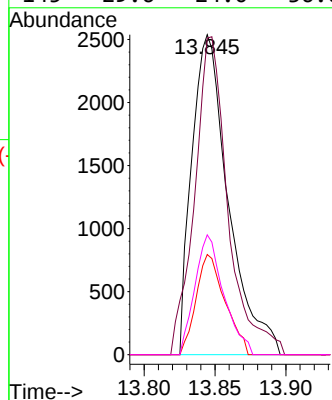
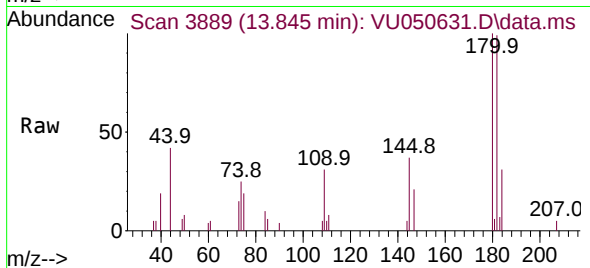
Ion Ratio Lower Upper

180 100

182 90.9 75.3 112.9

184 24.8 23.8 35.8

145 29.6 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 2.074 ug/L

RT: 13.845 min Scan# 3889

Delta R.T. 0.003 min

Lab File: VU050631.D

Acq: 06 Sep 2022 13:32

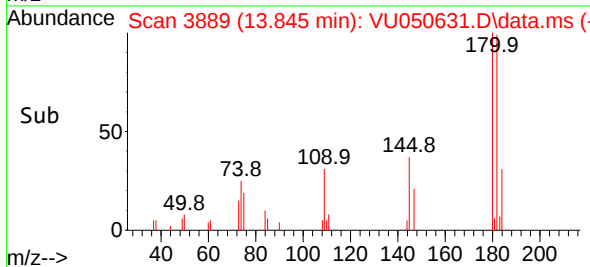
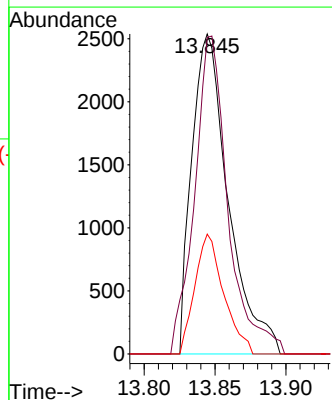
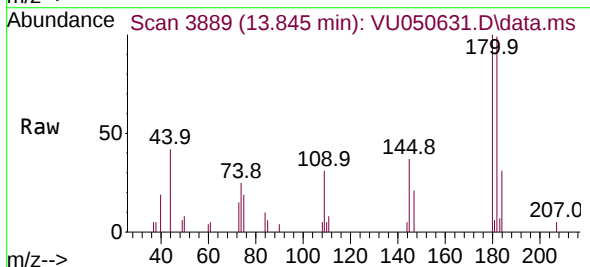
Tgt Ion:180 Resp: 4545

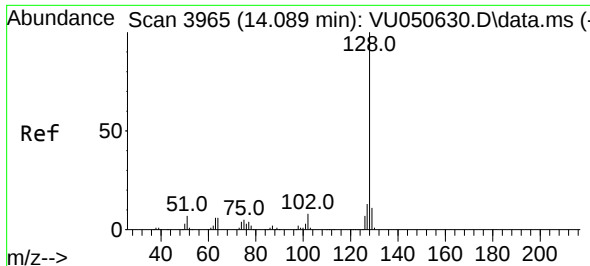
Ion Ratio Lower Upper

180 100

182 90.9 76.2 114.2

145 29.6 24.7 37.1

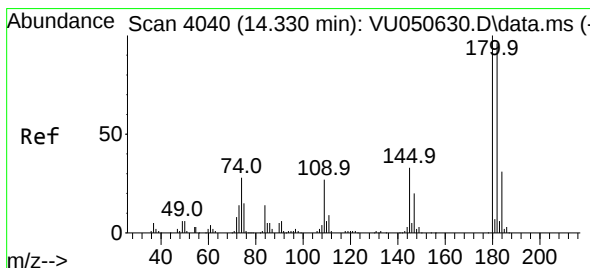
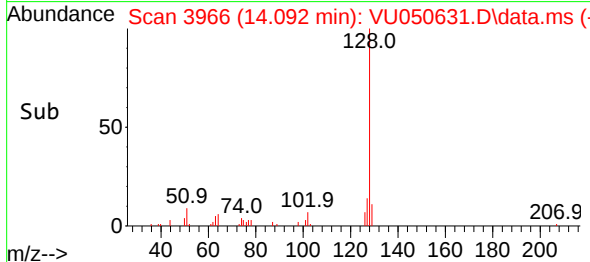
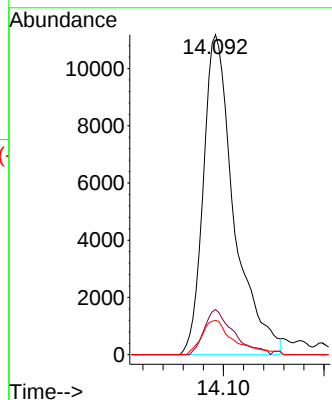
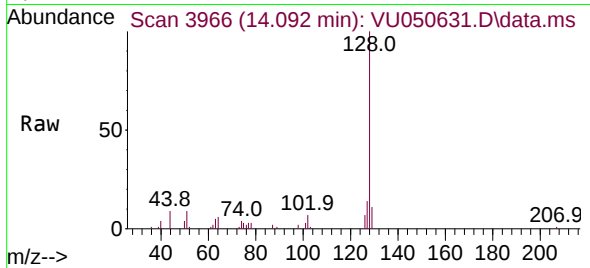




#71
Naphthalene
Concen: 3.046 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU050631.D
Acq: 06 Sep 2022 13:32

Instrument :
MSVOA_U
ClientSampleId :
VBLK182

Tgt Ion:128	Resp:	23664
Ion Ratio	Lower	Upper
128	100	
127	13.5	10.1 15.1
129	11.2	8.4 12.6



#72
1,2,3-Trichlorobenzene
Concen: 2.269 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050631.D
Acq: 06 Sep 2022 13:32

Tgt Ion:180	Resp:	5383
Ion Ratio	Lower	Upper
180	100	
182	101.1	76.1 114.1
145	28.0	26.4 39.6

