

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112122\
 Data File : VU052004.D
 Acq On : 21 Nov 2022 18:55
 Operator : JC/MD
 Sample : N5679-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 22 01:05:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 22 01:03:12 2022
 Response via : Initial Calibration

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

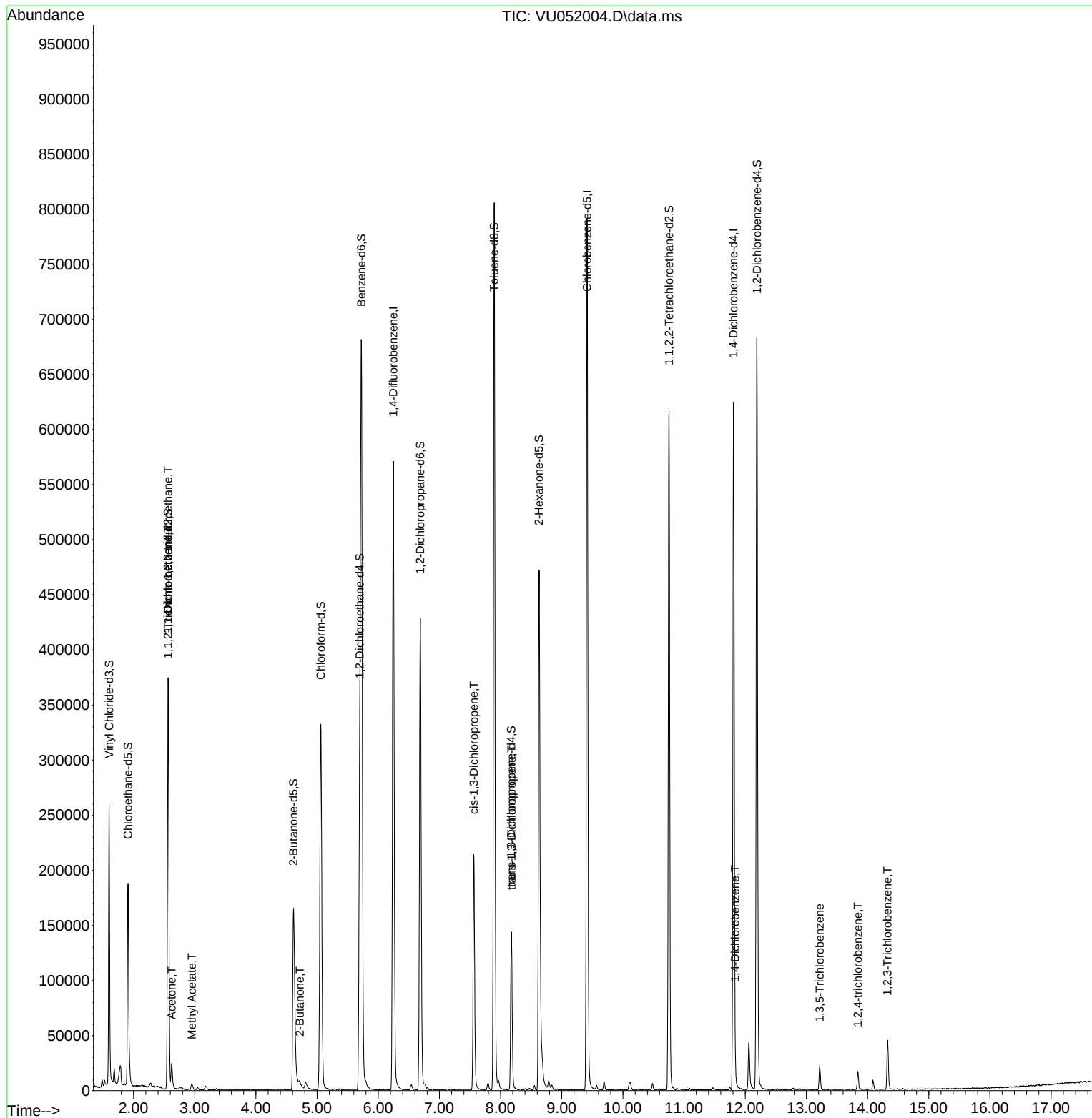
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	483407	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	454720	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	173410	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	187609	44.785	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.580%		
7) Chloroethane-d5	1.909	69	157810	47.568	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.140%		
11) 1,1-Dichloroethene-d2	2.565	63	218195	35.139	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.280%		
21) 2-Butanone-d5	4.613	46	241848	96.074	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.070%		
24) Chloroform-d	5.060	84	313270	45.643	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.280%		
26) 1,2-Dichloroethane-d4	5.697	65	195544	47.370	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.740%		
32) Benzene-d6	5.726	84	670591	49.476	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.960%		
36) 1,2-Dichloropropane-d6	6.687	67	217976	50.060	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.120%		
41) Toluene-d8	7.896	98	554451	45.785	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.580%		
43) trans-1,3-Dichloroprop...	8.176	79	84551	45.614	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.220%		
47) 2-Hexanone-d5	8.629	63	164919	97.093	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.090%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	317751	46.127	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.260%		
66) 1,2-Dichlorobenzene-d4	12.192	152	186338	51.962	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.920%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	2689	0.917	ug/L #	33
12) 1,1-Dichloroethene	2.565	96	1004	0.359	ug/L #	1
13) Acetone	2.623	43	23949	10.414	ug/L	95
15) Methyl Acetate	2.951	43	7228	1.969	ug/L	97
22) 2-Butanone	4.716	43	7354	2.565	ug/L	99
39) cis-1,3-Dichloropropene	7.565	75	4943	0.971	ug/L #	31
44) trans-1,3-Dichloropropene	8.179	75	3999	0.840	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	4114	0.787	ug/L	90
69) 1,3,5-Trichlorobenzene	13.217	180	6892	2.013	ug/L	94
70) 1,2,4-trichlorobenzene	13.841	180	5191	1.887	ug/L	93
72) 1,2,3-Trichlorobenzene	14.327	180	15222	5.108	ug/L	98

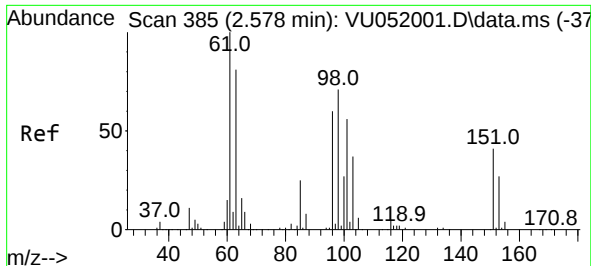
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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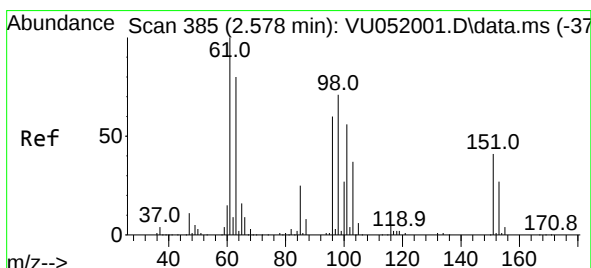
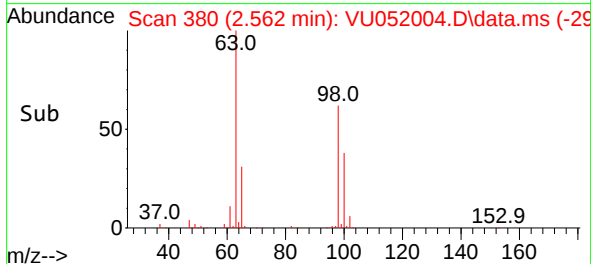
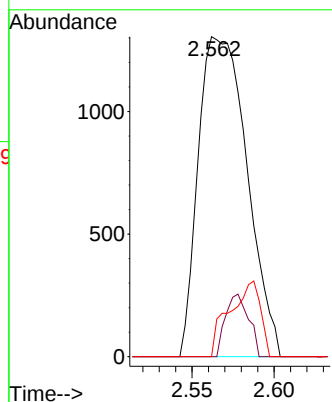
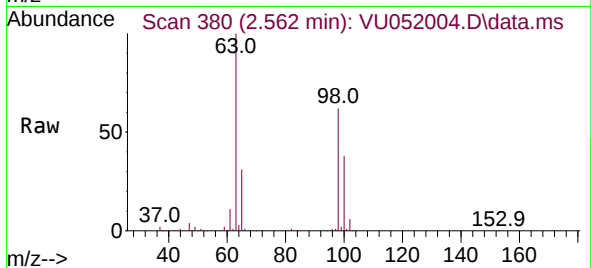




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.917 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.016 min
 Lab File: VU052004.D
 Acq: 21 Nov 2022 18:55

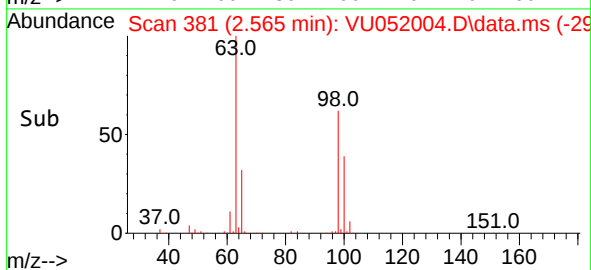
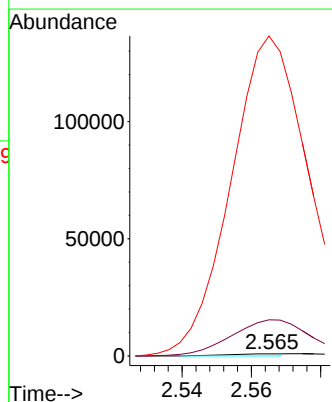
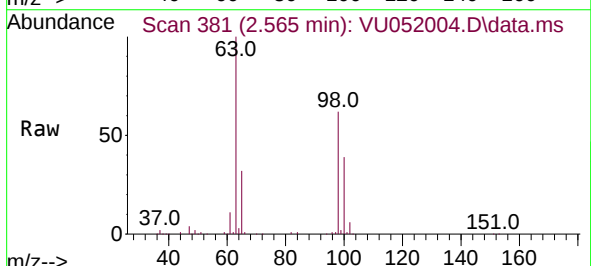
Instrument :
 MSVOA_U
 ClientSampleId :

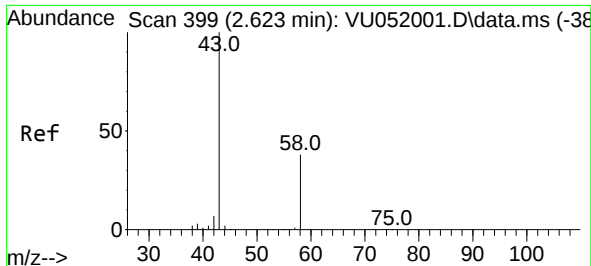
Tgt Ion:101 Resp: 2689
 Ion Ratio Lower Upper
 101 100
 85 9.3 33.6 50.4#
 151 10.0 58.9 88.3#



#12
 1,1-Dichloroethene
 Concen: 0.359 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU052004.D
 Acq: 21 Nov 2022 18:55

Tgt Ion: 96 Resp: 1004
 Ion Ratio Lower Upper
 96 100
 61 1692.1 114.2 212.0#
 63 14968.4 90.9 168.7#





#13

Acetone

Concen: 10.414 ug/L

RT: 2.623 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU052004.D

Acq: 21 Nov 2022 18:55

Instrument :

MSVOA_U

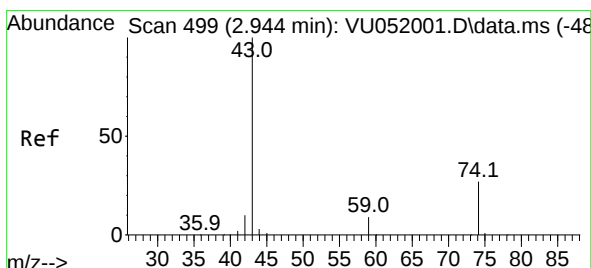
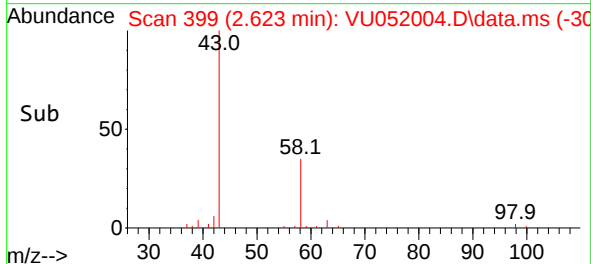
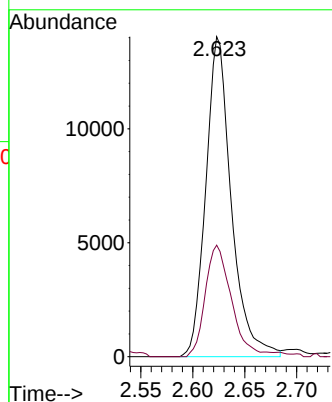
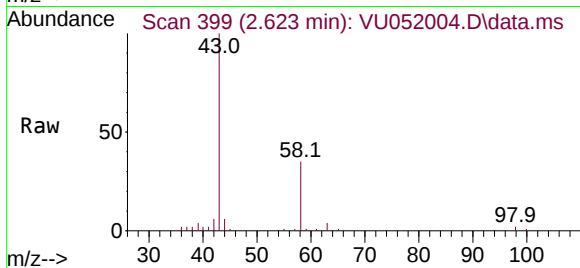
ClientSampleId :

Tgt Ion: 43 Resp: 23949

Ion Ratio Lower Upper

43 100

58 35.1 0.0 76.6



#15

Methyl Acetate

Concen: 1.969 ug/L

RT: 2.951 min Scan# 501

Delta R.T. 0.006 min

Lab File: VU052004.D

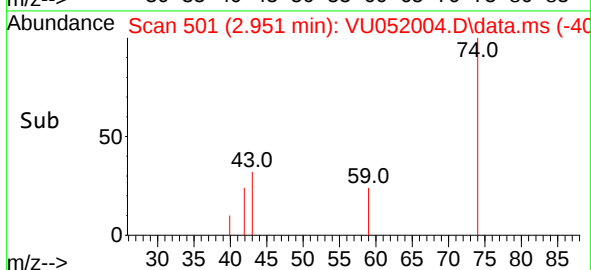
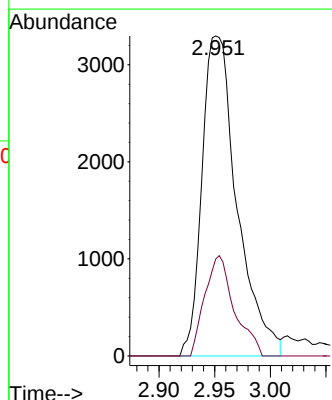
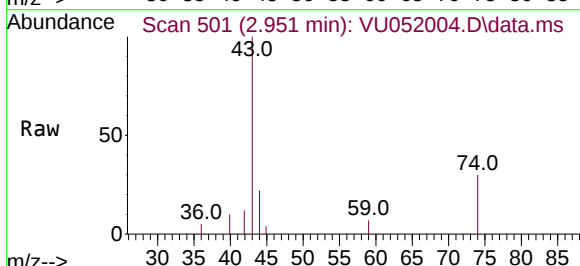
Acq: 21 Nov 2022 18:55

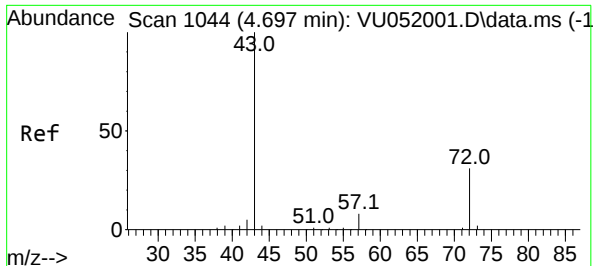
Tgt Ion: 43 Resp: 7228

Ion Ratio Lower Upper

43 100

74 26.4 22.2 33.4





#22

2-Butanone

Concen: 2.565 ug/L

RT: 4.716 min Scan# 1

Delta R.T. 0.019 min

Lab File: VU052004.D

Acq: 21 Nov 2022 18:55

Instrument :

MSVOA_U

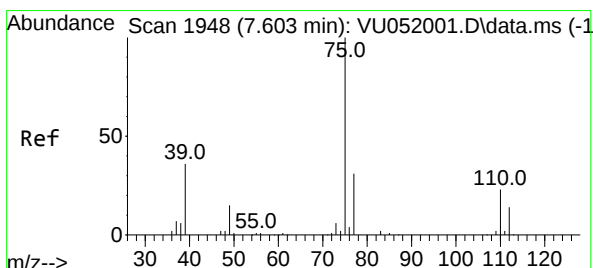
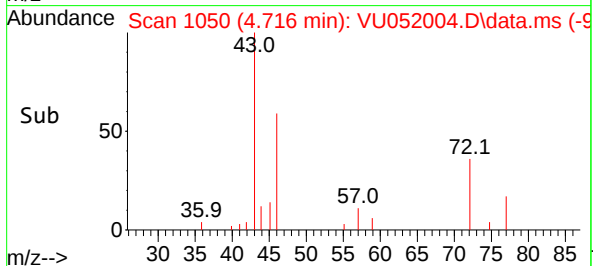
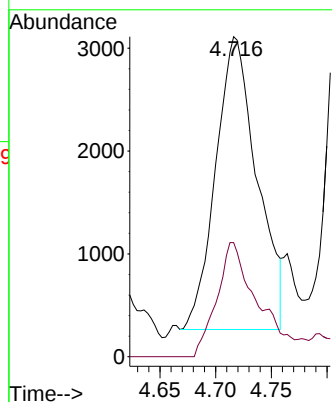
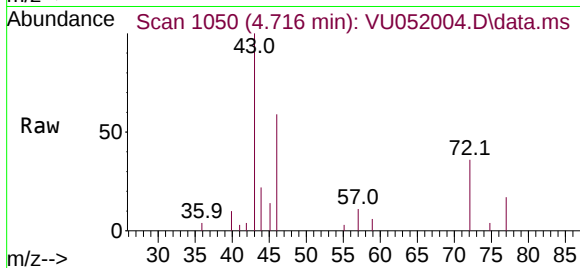
ClientSampleId :

Tgt Ion: 43 Resp: 7354

Ion Ratio Lower Upper

43 100

72 31.2 15.9 47.7



#39

cis-1,3-Dichloropropene

Concen: 0.971 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.039 min

Lab File: VU052004.D

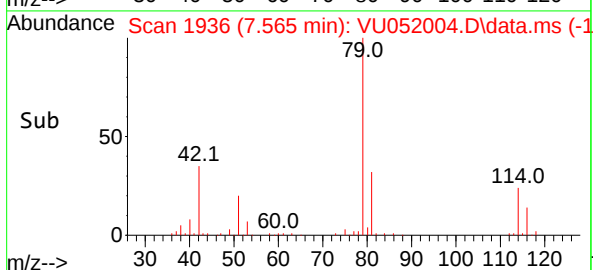
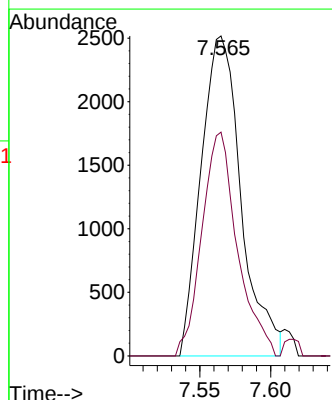
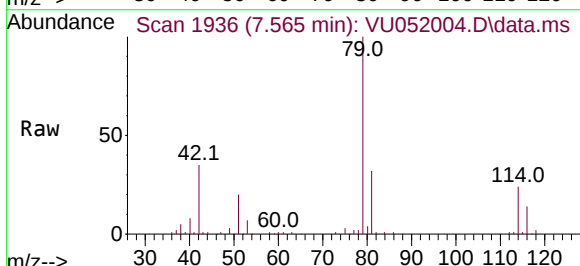
Acq: 21 Nov 2022 18:55

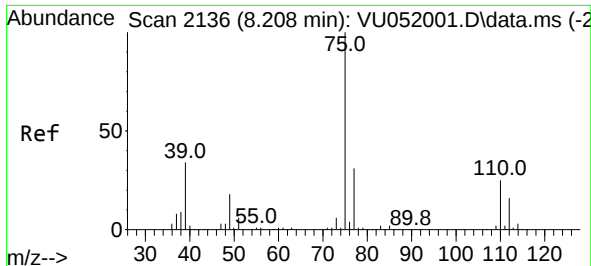
Tgt Ion: 75 Resp: 4943

Ion Ratio Lower Upper

75 100

77 70.0 22.3 41.3#

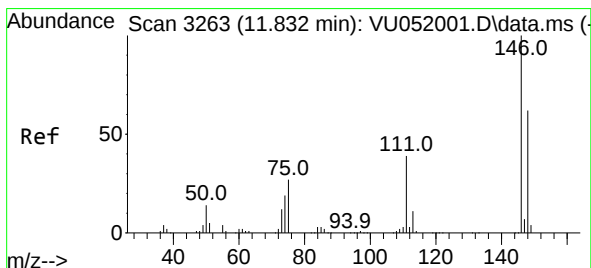
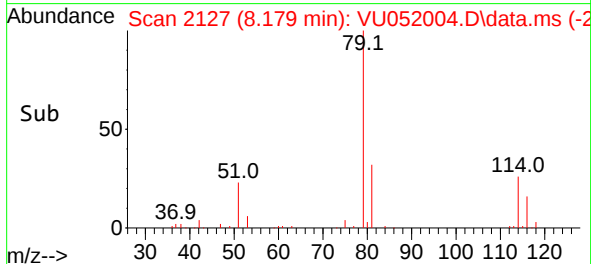
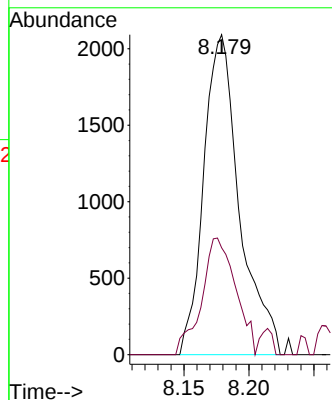
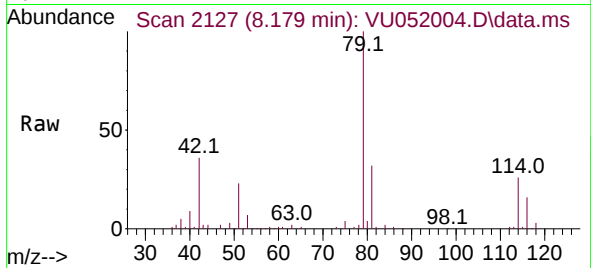




#44
 trans-1,3-Dichloropropene
 Concen: 0.840 ug/L
 RT: 8.179 min Scan# 2136
 Delta R.T. -0.029 min
 Lab File: VU052004.D
 Acq: 21 Nov 2022 18:55

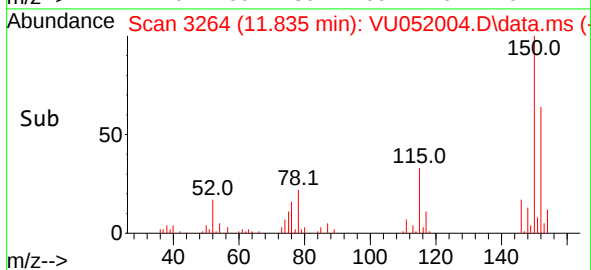
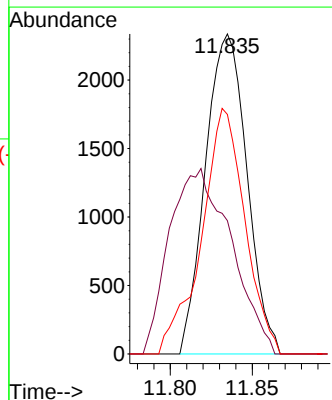
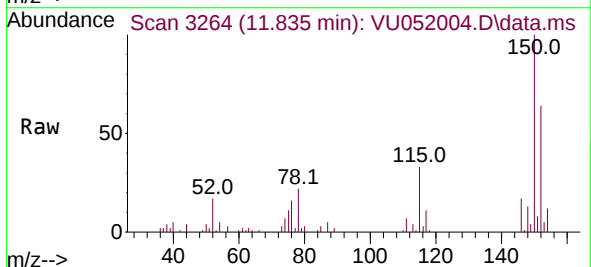
Instrument :
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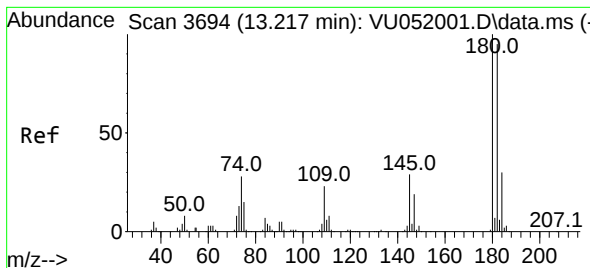
Tgt Ion: 75 Resp: 3999
 Ion Ratio Lower Upper
 75 100
 77 33.4 22.7 42.1



#65
 1,4-Dichlorobenzene
 Concen: 0.787 ug/L
 RT: 11.835 min Scan# 3264
 Delta R.T. 0.003 min
 Lab File: VU052004.D
 Acq: 21 Nov 2022 18:55

Tgt Ion:146 Resp: 4114
 Ion Ratio Lower Upper
 146 100
 111 41.6 27.6 51.2
 148 74.8 44.8 83.2





#69

1,3,5-Trichlorobenzene

Concen: 2.013 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. 0.000 min

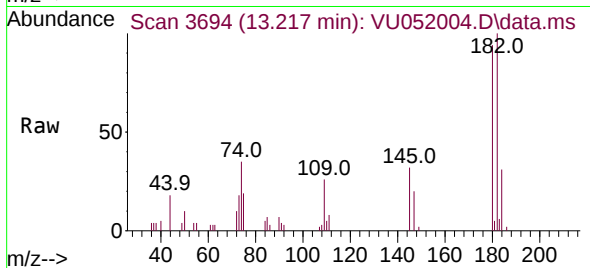
Lab File: VU052004.D

Acq: 21 Nov 2022 18:55

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 6892

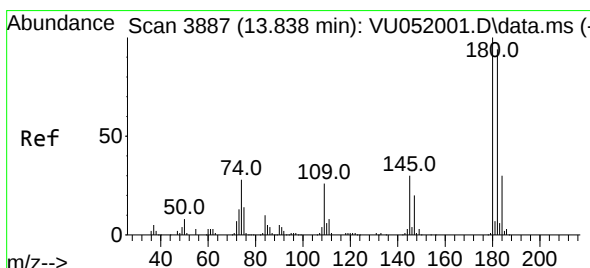
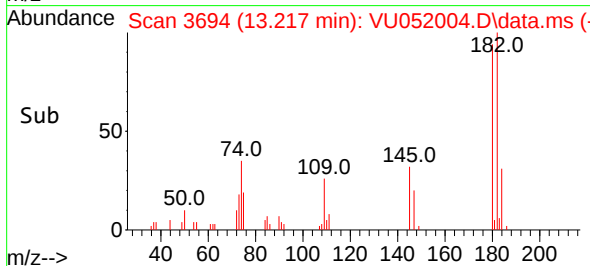
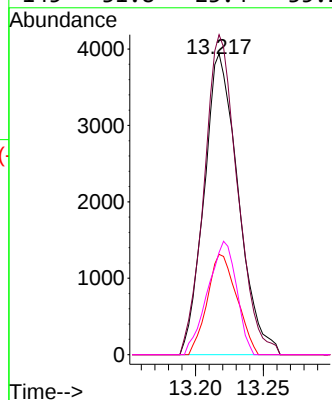
Ion Ratio Lower Upper

180 100

182 103.4 77.2 115.8

184 28.8 24.6 36.8

145 31.8 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 1.887 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.003 min

Lab File: VU052004.D

Acq: 21 Nov 2022 18:55

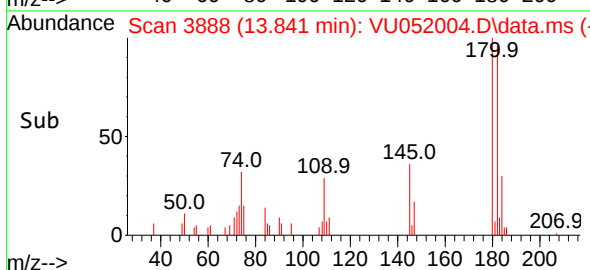
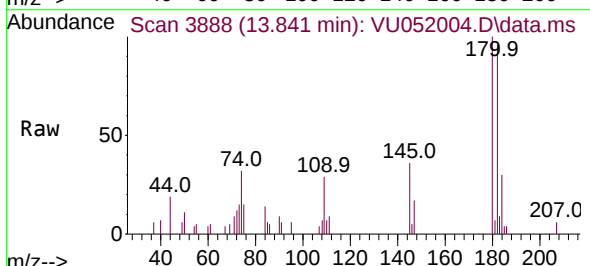
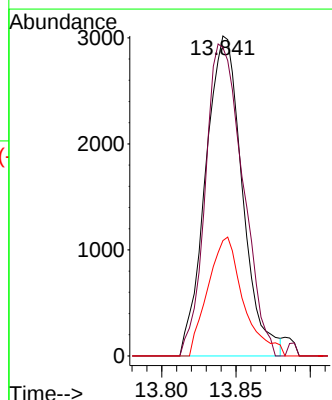
Tgt Ion:180 Resp: 5191

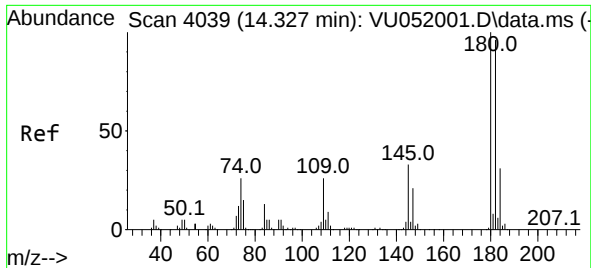
Ion Ratio Lower Upper

180 100

182 99.3 75.4 113.2

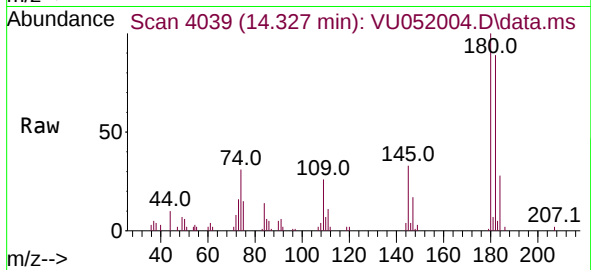
145 35.0 23.4 35.0





#72
 1,2,3-Trichlorobenzene
 Concen: 5.108 ug/L
 RT: 14.327 min Scan# 4039
 Delta R.T. 0.000 min
 Lab File: VU052004.D
 Acq: 21 Nov 2022 18:55

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	15222
Ion Ratio	Lower	Upper	
180	100		
182	93.1	76.1	114.1
145	32.5	25.8	38.6

