

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020123\
 Data File : VU052901.D
 Acq On : 01 Feb 2023 13:35
 Operator : JC/MD
 Sample : 01381-02DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44M6DL

Quant Time: Feb 01 20:04:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 01 20:03:09 2023
 Response via : Initial Calibration

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

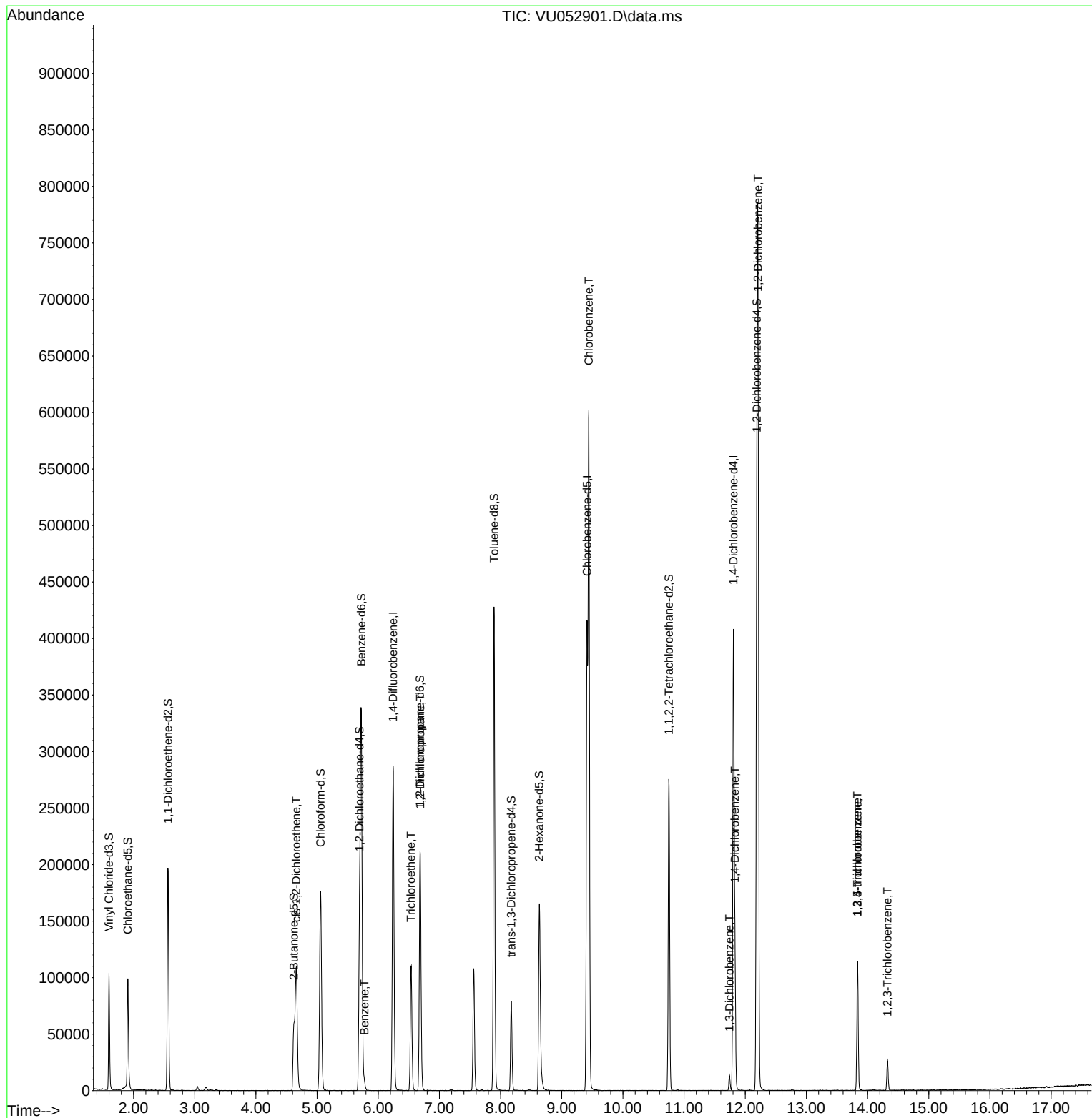
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	237659	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	227244	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	109102	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	76760	44.874	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.740%		
7) Chloroethane-d5	1.906	69	70813	50.241	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.480%		
11) 1,1-Dichloroethene-d2	2.562	63	116700	34.301	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.600%		
21) 2-Butanone-d5	4.620	46	84368	79.841	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	79.840%		
24) Chloroform-d	5.057	84	169997	46.566	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.140%		
26) 1,2-Dichloroethane-d4	5.693	65	109614	47.025	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.040%		
32) Benzene-d6	5.722	84	324742	46.775	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.540%		
36) 1,2-Dichloropropane-d6	6.684	67	95778	47.038	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.080%		
41) Toluene-d8	7.893	98	277685	43.924	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.840%		
43) trans-1,3-Dichloroprop...	8.176	79	44876	43.972	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.940%		
47) 2-Hexanone-d5	8.632	63	56453	78.905	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	78.910%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	130548	43.394	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.780%		
66) 1,2-Dichlorobenzene-d4	12.188	152	114438	54.019	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	108.040%		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.661	96	56112	27.661	ug/L	98
33) Benzene	5.774	78	7899	1.021	ug/L	100
34) Trichloroethene	6.536	95	36420	18.524	ug/L	91
37) 1,2-Dichloropropane	6.687	63	10748	5.652	ug/L #	85
51) Chlorobenzene	9.443	112	323222	59.260	ug/L	99
64) 1,3-Dichlorobenzene	11.741	146	5555	1.563	ug/L	94
65) 1,4-Dichlorobenzene	11.831	146	48440	13.162	ug/L	95
67) 1,2-Dichlorobenzene	12.208	146	281809	78.371	ug/L	99
69) 1,3,5-Trichlorobenzene	13.835	180	36987	14.054	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	36987	16.762	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	9150	3.924	ug/L	96

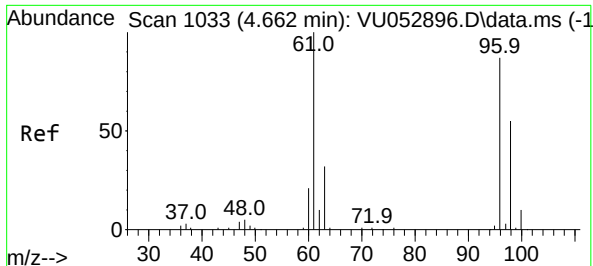
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020123\
Data File : VU052901.D
Acq On : 01 Feb 2023 13:35
Operator : JC/MD
Sample : 01381-02DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A44M6DL

Quant Time: Feb 01 20:04:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 01 20:03:09 2023
Response via : Initial Calibration

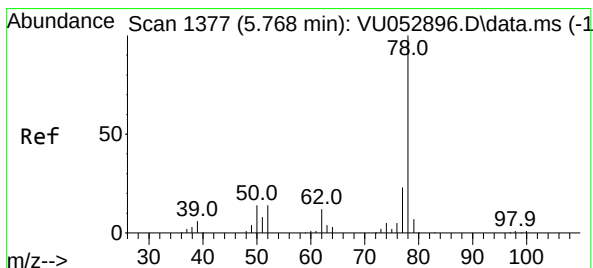
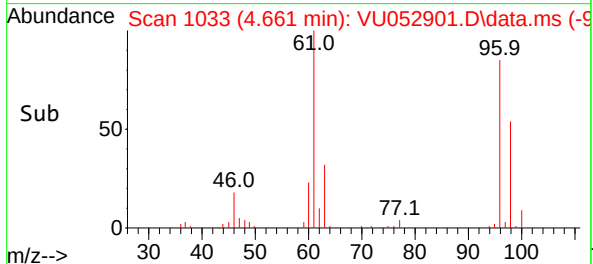
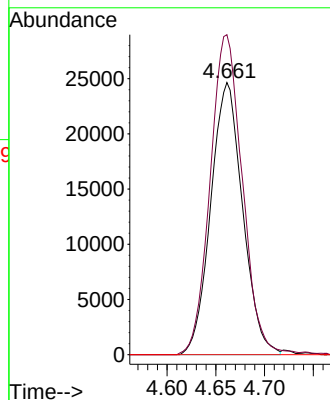
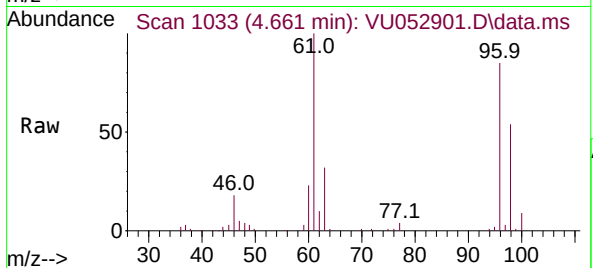




#20
cis-1,2-Dichloroethene
Concen: 27.661 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VU052901.D
Acq: 01 Feb 2023 13:35

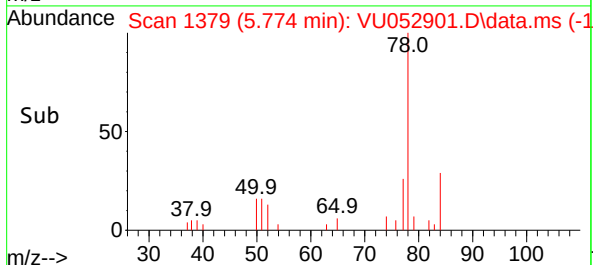
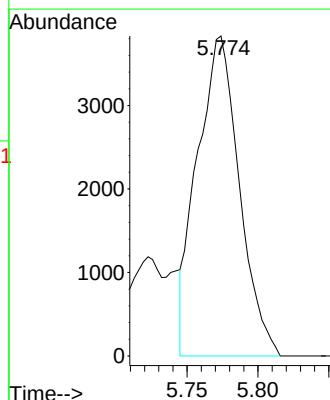
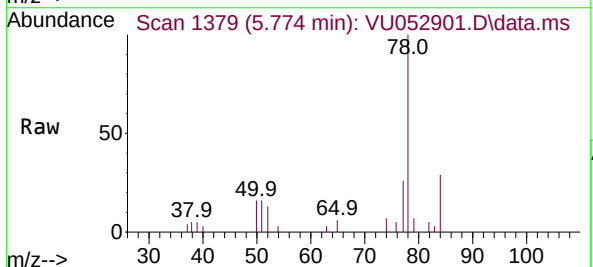
Instrument :
MSVOA_U
ClientSampleId :
A44M6DL

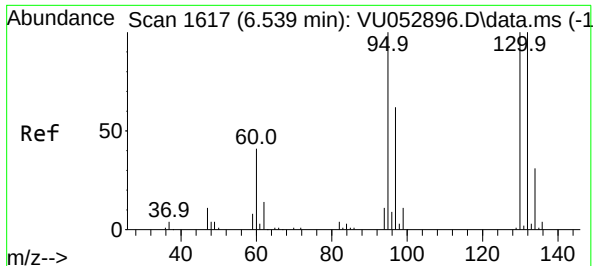
Tgt Ion: 96 Resp: 56112
Ion Ratio Lower Upper
96 100
61 117.6 84.1 156.1
68 0.0 0.0 0.0



#33
Benzene
Concen: 1.021 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.006 min
Lab File: VU052901.D
Acq: 01 Feb 2023 13:35

Tgt Ion: 78 Resp: 7899





#34

Trichloroethene

Concen: 18.524 ug/L

RT: 6.536 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU052901.D

Acq: 01 Feb 2023 13:35

Instrument :

MSVOA_U

ClientSampleId :

A44M6DL

Tgt Ion: 95 Resp: 36420

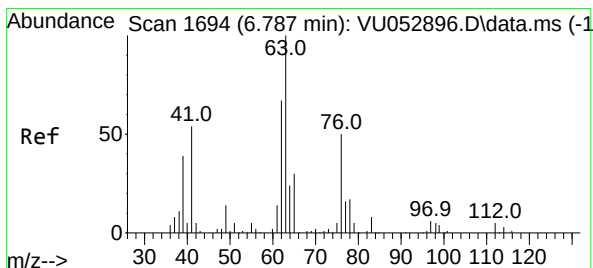
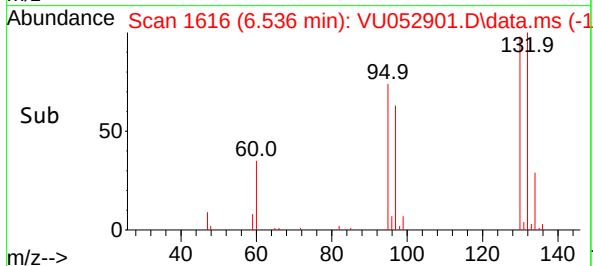
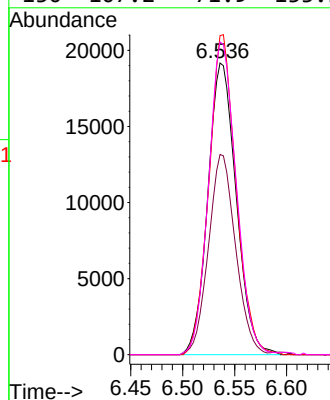
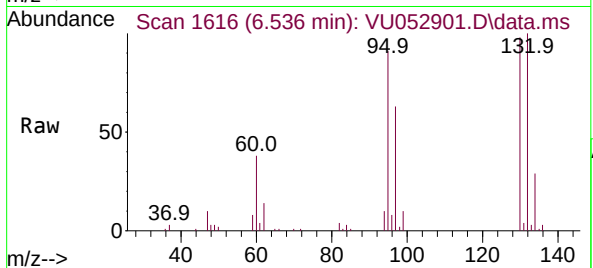
Ion Ratio Lower Upper

95 100

97 68.6 44.5 82.7

132 109.3 66.8 124.0

130 107.2 71.9 133.5



#37

1,2-Dichloropropane

Concen: 5.652 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU052901.D

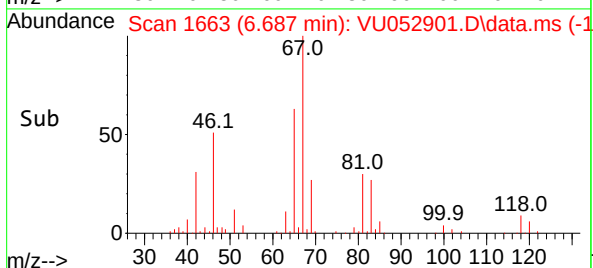
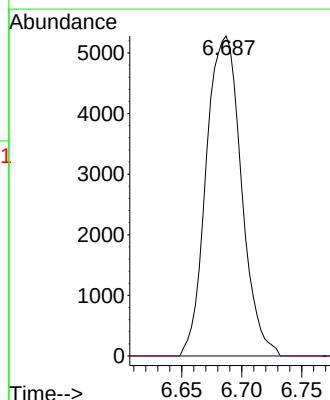
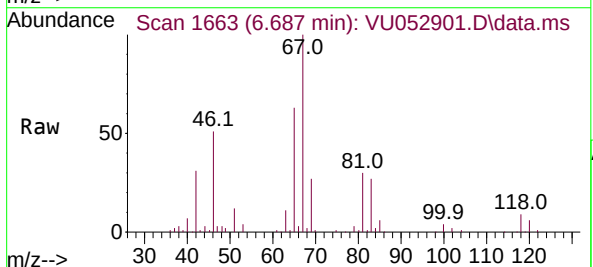
Acq: 01 Feb 2023 13:35

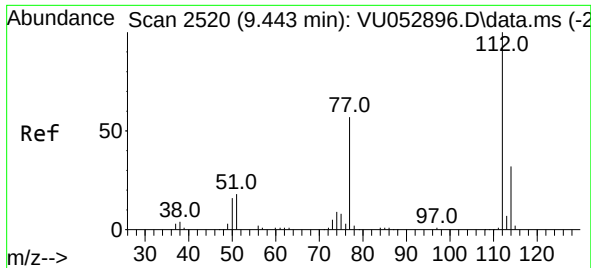
Tgt Ion: 63 Resp: 10748

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#

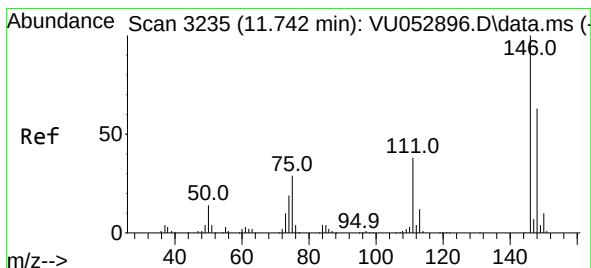
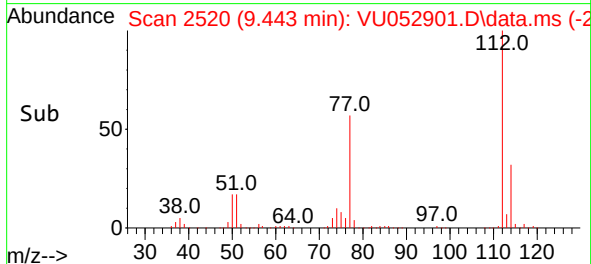
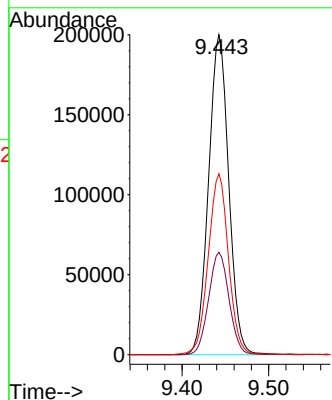
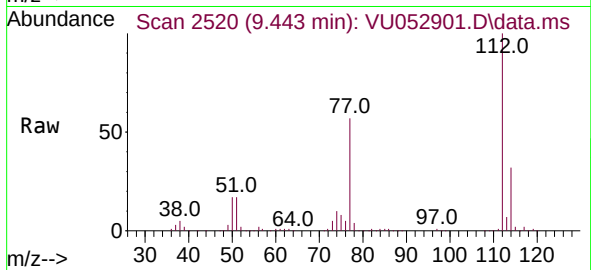




#51
Chlorobenzene
Concen: 59.260 ug/L
RT: 9.443 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052901.D
Acq: 01 Feb 2023 13:35

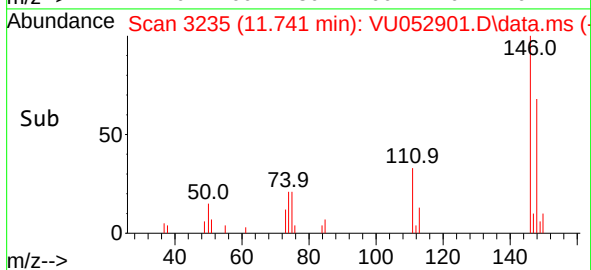
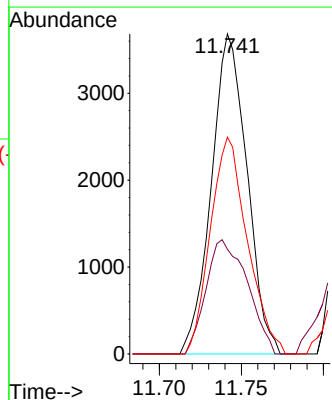
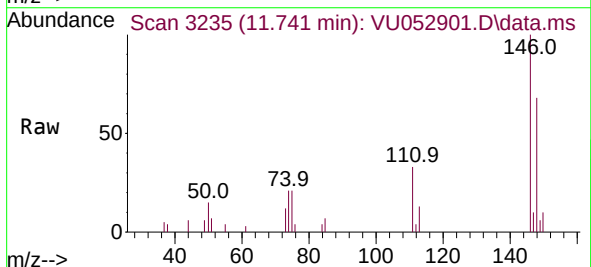
Instrument :
MSVOA_U
ClientSampleId :
A44M6DL

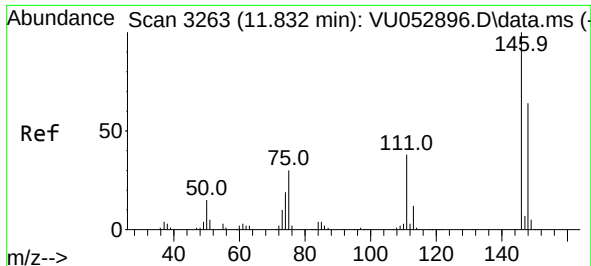
Tgt Ion:112 Resp: 323222
Ion Ratio Lower Upper
112 100
114 32.0 22.8 42.4
77 56.5 45.9 68.9



#64
1,3-Dichlorobenzene
Concen: 1.563 ug/L
RT: 11.741 min Scan# 3235
Delta R.T. -0.000 min
Lab File: VU052901.D
Acq: 01 Feb 2023 13:35

Tgt Ion:146 Resp: 5555
Ion Ratio Lower Upper
146 100
111 32.8 27.8 51.6
148 67.8 45.5 84.5

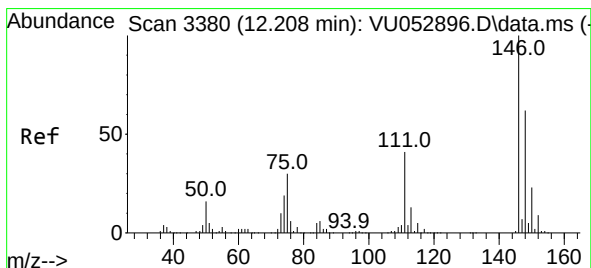
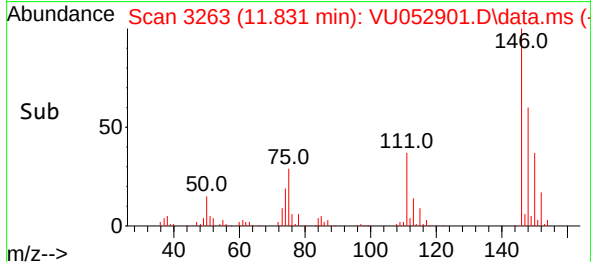
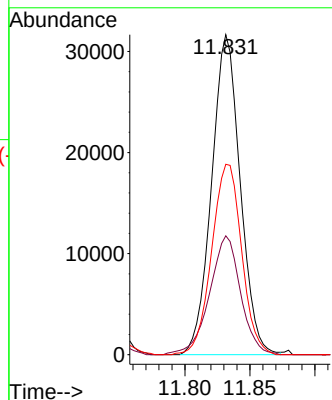
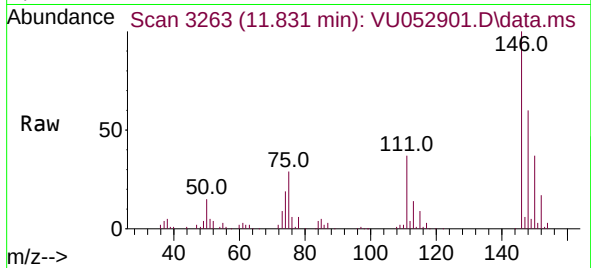




#65
1,4-Dichlorobenzene
Concen: 13.162 ug/L
RT: 11.831 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052901.D
Acq: 01 Feb 2023 13:35

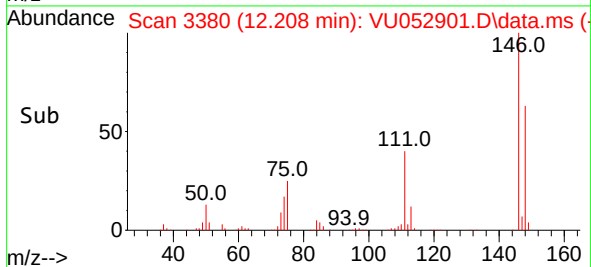
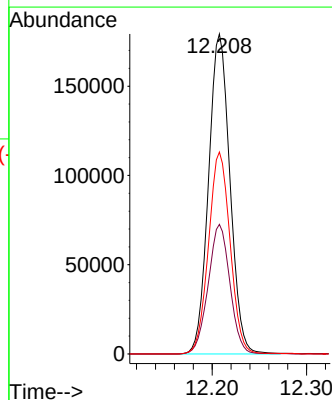
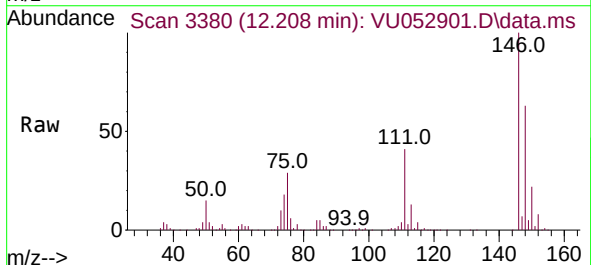
Instrument :
MSVOA_U
ClientSampleId :
A44M6DL

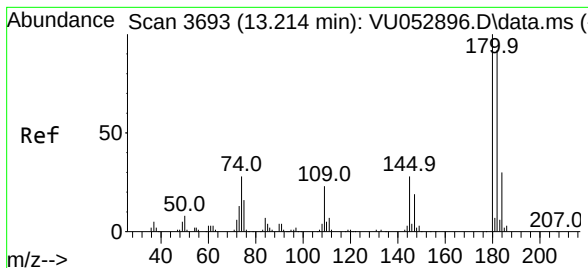
Tgt Ion:146 Resp: 48440
Ion Ratio Lower Upper
146 100
111 37.1 26.7 49.7
148 59.5 45.6 84.6



#67
1,2-Dichlorobenzene
Concen: 78.371 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU052901.D
Acq: 01 Feb 2023 13:35

Tgt Ion:146 Resp: 281809
Ion Ratio Lower Upper
146 100
111 40.5 33.2 49.8
148 63.1 50.2 75.4





#69

1,3,5-Trichlorobenzene

Concen: 14.054 ug/L

RT: 13.835 min Scan# 3886

Delta R.T. 0.620 min

Lab File: VU052901.D

Acq: 01 Feb 2023 13:35

Instrument :

MSVOA_U

ClientSampleId :

A44M6DL

Tgt Ion:180 Resp: 36987

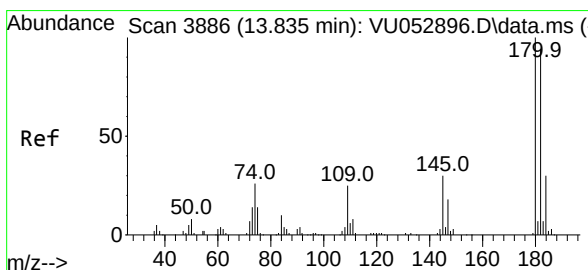
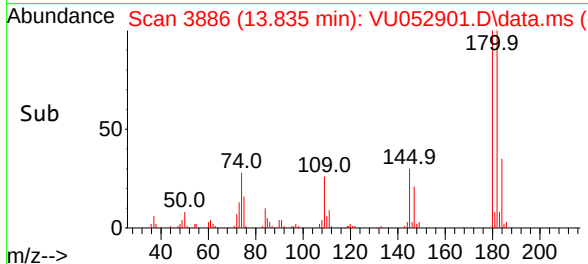
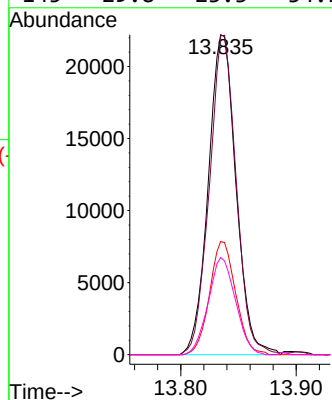
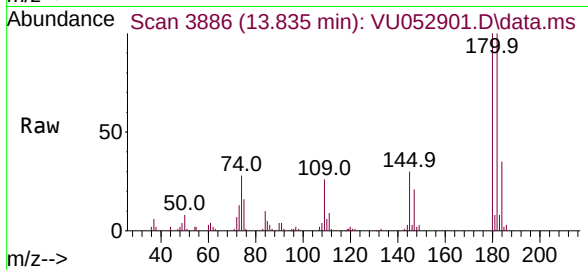
Ion Ratio Lower Upper

180 100

182 96.7 77.0 115.6

184 33.4 24.4 36.6

145 29.8 23.3 34.9



#70

1,2,4-trichlorobenzene

Concen: 16.762 ug/L

RT: 13.835 min Scan# 3886

Delta R.T. -0.000 min

Lab File: VU052901.D

Acq: 01 Feb 2023 13:35

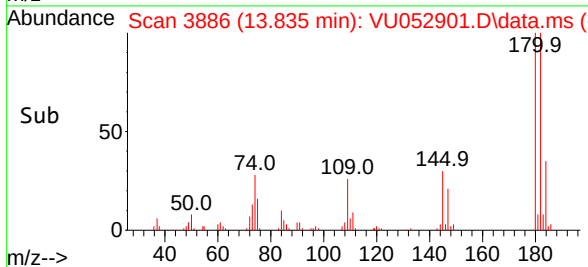
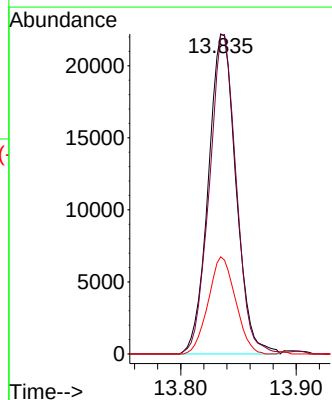
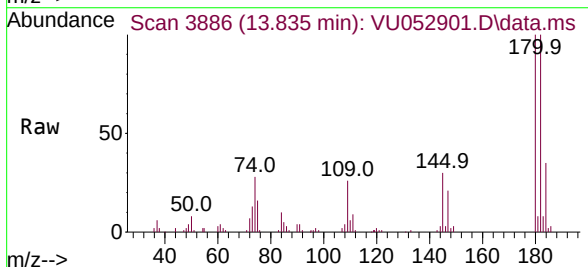
Tgt Ion:180 Resp: 36987

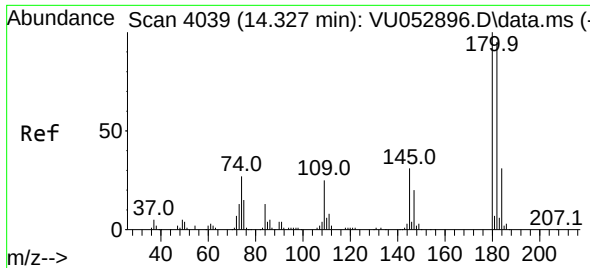
Ion Ratio Lower Upper

180 100

182 96.7 78.2 117.2

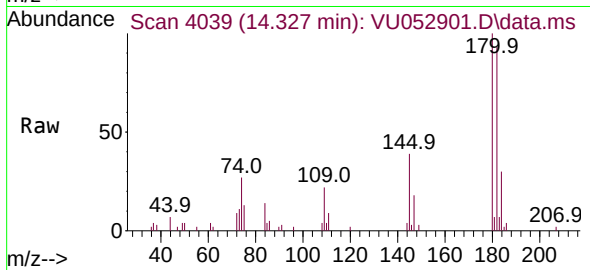
145 29.8 23.4 35.2





#72
 1,2,3-Trichlorobenzene
 Concen: 3.924 ug/L
 RT: 14.327 min Scan# 4039
 Delta R.T. -0.000 min
 Lab File: VU052901.D
 Acq: 01 Feb 2023 13:35

Instrument :
 MSVOA_U
 ClientSampleId :
 A44M6DL



Tgt Ion:	180	Resp:	9150
Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.5	116.3
145	35.2	24.2	36.4

