

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020123\
 Data File : VU052905.D
 Acq On : 01 Feb 2023 15:08
 Operator : JC/MD
 Sample : 01314-13DL 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44M0DL

Quant Time: Feb 01 20:05:35 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)

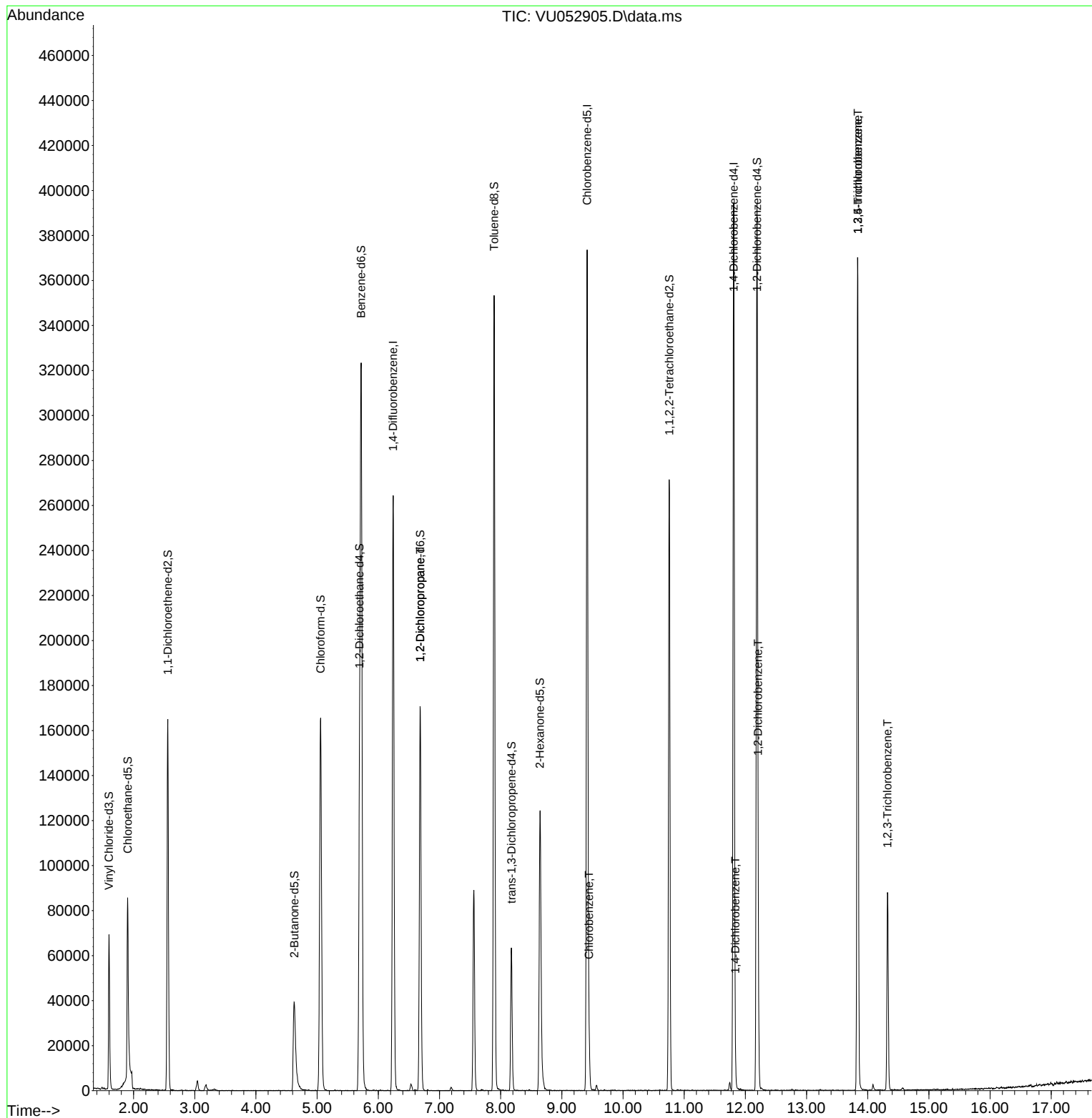
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	223034	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	217187	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	109771	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	55721	34.711	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.420%
7) Chloroethane-d5	1.903	69	64872	49.044	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.080%
11) 1,1-Dichloroethene-d2	2.559	63	92761	29.052	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.100%#
21) 2-Butanone-d5	4.626	46	61302	61.817	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	61.820%
24) Chloroform-d	5.057	84	161243	47.065	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.120%
26) 1,2-Dichloroethane-d4	5.694	65	103919	47.505	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.000%
32) Benzene-d6	5.719	84	305734	46.076	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.160%
36) 1,2-Dichloropropane-d6	6.684	67	76128	39.119	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.240%
41) Toluene-d8	7.893	98	236559	39.151	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.300%#
43) trans-1,3-Dichloroprop...	8.176	79	37494	38.440	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.880%
47) 2-Hexanone-d5	8.642	63	46548	68.074	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	68.070%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	126596	44.029	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.060%
66) 1,2-Dichlorobenzene-d4	12.192	152	107920	50.632	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.260%
Target Compounds						
					Qvalue	
37) 1,2-Dichloropropane	6.684	63	9014	4.959	ug/L	# 85
51) Chlorobenzene	9.443	112	13443	2.579	ug/L	95
65) 1,4-Dichlorobenzene	11.835	146	4497	1.214	ug/L	95
67) 1,2-Dichlorobenzene	12.208	146	16893	4.669	ug/L	98
69) 1,3,5-Trichlorobenzene	13.838	180	124374	46.969	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	124374	56.022	ug/L	99
72) 1,2,3-Trichlorobenzene	14.324	180	29748	12.679	ug/L	99

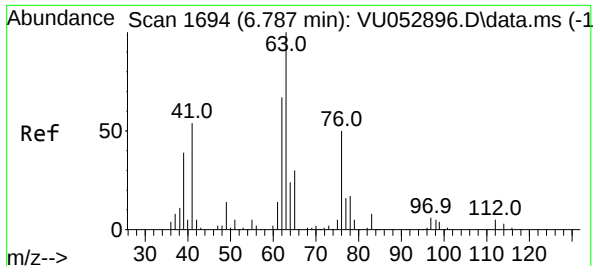
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 01 20:03:09 2023
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#37

1,2-Dichloropropane

Concen: 4.959 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU052905.D

Acq: 01 Feb 2023 15:08

Instrument :

MSVOA_U

ClientSampleId :

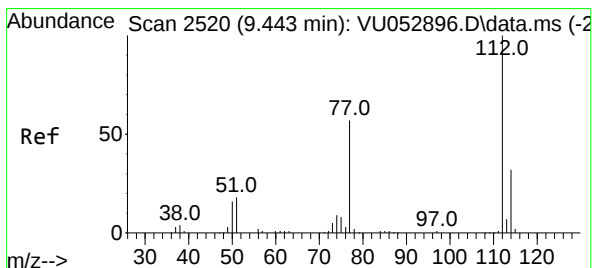
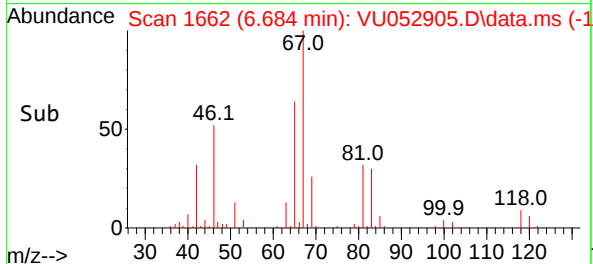
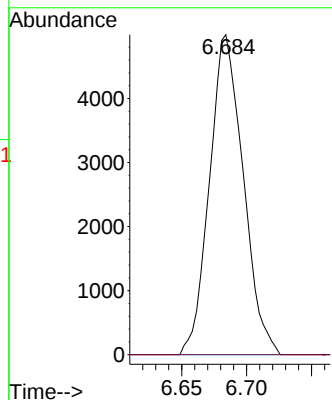
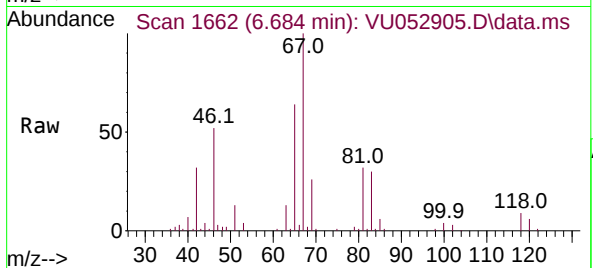
A44MODL

Tgt Ion: 63 Resp: 9014

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#51

Chlorobenzene

Concen: 2.579 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. 0.000 min

Lab File: VU052905.D

Acq: 01 Feb 2023 15:08

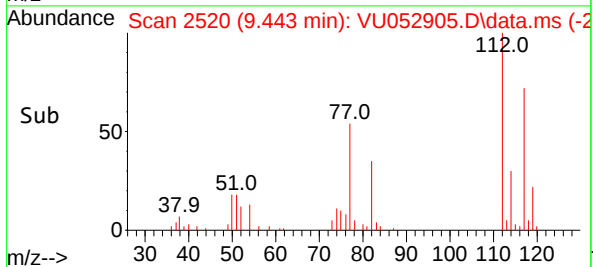
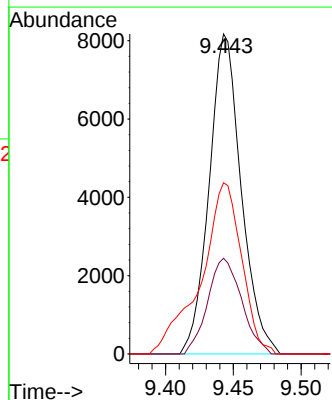
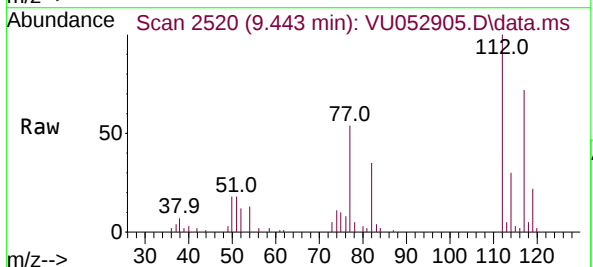
Tgt Ion: 112 Resp: 13443

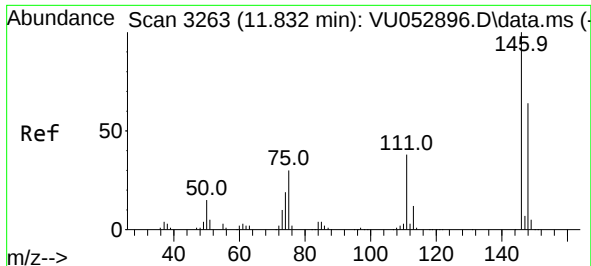
Ion Ratio Lower Upper

112 100

114 29.9 22.8 42.4

77 53.5 45.9 68.9

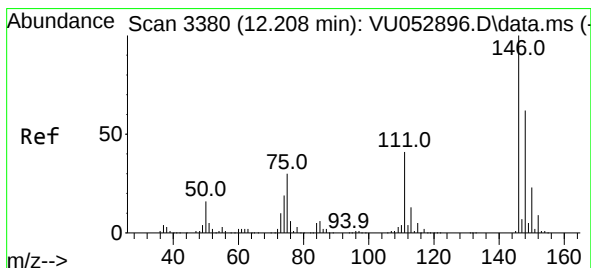
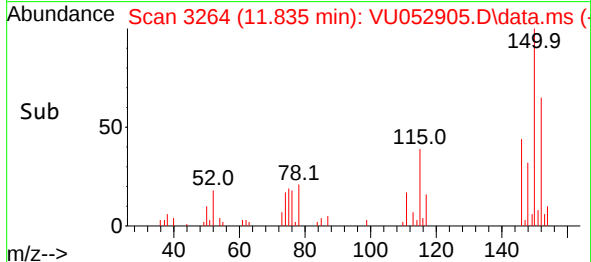
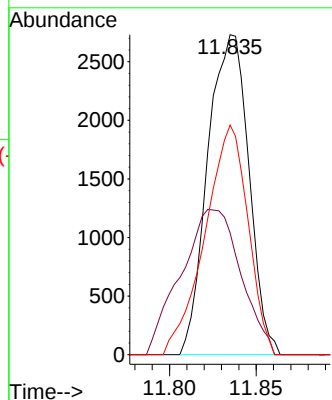
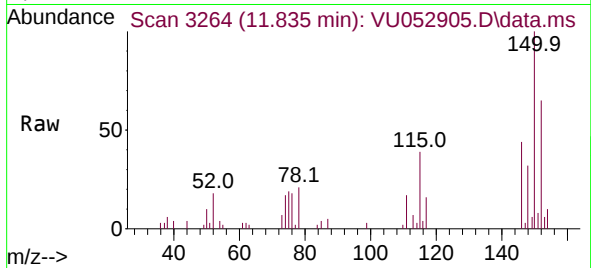




#65
1,4-Dichlorobenzene
Concen: 1.214 ug/L
RT: 11.835 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU052905.D
Acq: 01 Feb 2023 15:08

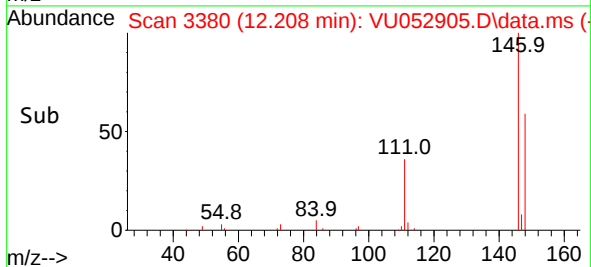
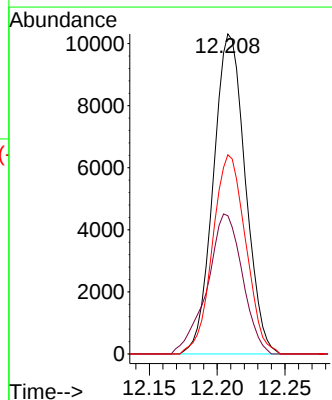
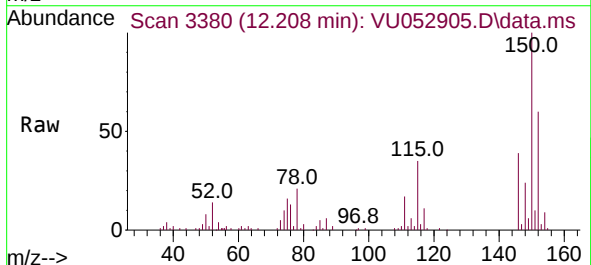
Instrument :
MSVOA_U
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A44MODL

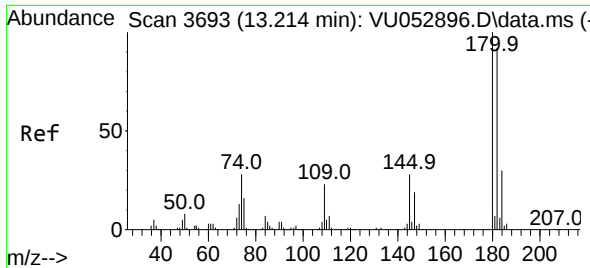
Tgt Ion:146 Resp: 4497
Ion Ratio Lower Upper
146 100
111 38.0 26.7 49.7
148 71.7 45.6 84.6



#67
1,2-Dichlorobenzene
Concen: 4.669 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. 0.000 min
Lab File: VU052905.D
Acq: 01 Feb 2023 15:08

Tgt Ion:146 Resp: 16893
Ion Ratio Lower Upper
146 100
111 43.2 33.2 49.8
148 62.2 50.2 75.4



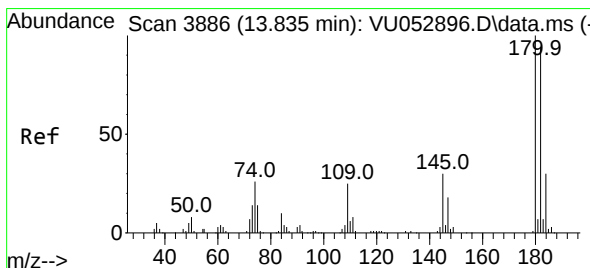
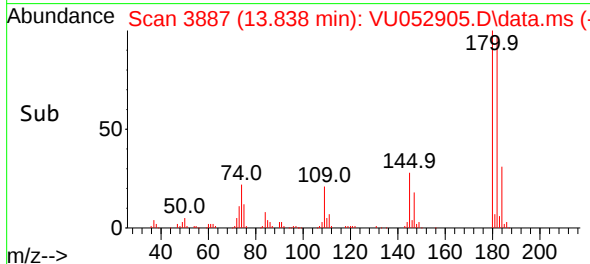
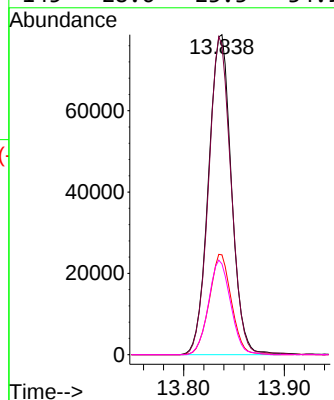
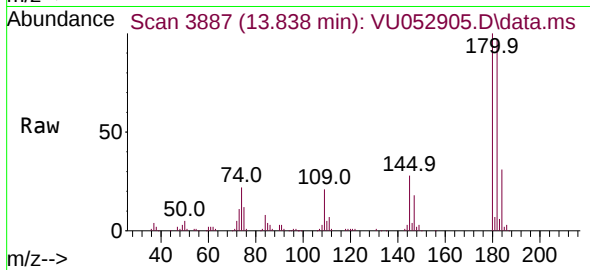


#69
 1,3,5-Trichlorobenzene
 Concen: 46.969 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.624 min
 Lab File: VU052905.D
 Acq: 01 Feb 2023 15:08

Instrument :
 MSVOA_U
 ClientSampleId :
 A44MODL

Tgt Ion:180 Resp: 124374

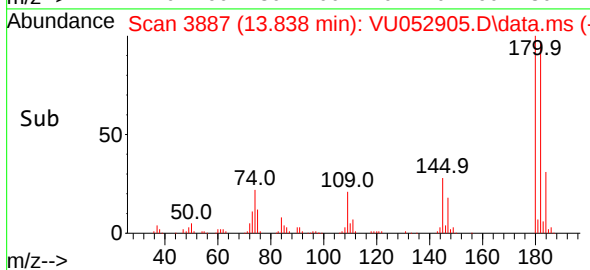
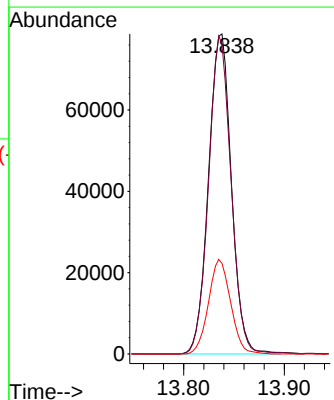
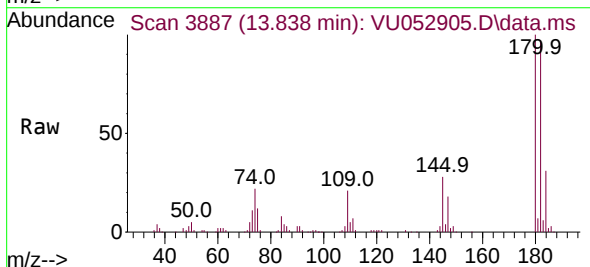
Ion	Ratio	Lower	Upper
180	100		
182	97.4	77.0	115.6
184	30.4	24.4	36.6
145	28.6	23.3	34.9

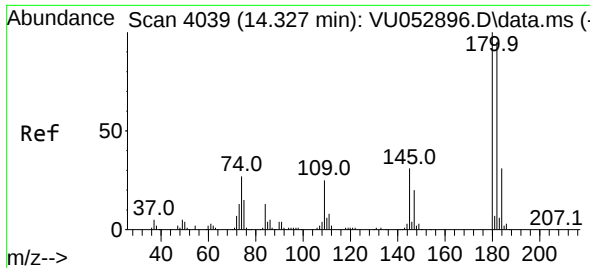


#70
 1,2,4-trichlorobenzene
 Concen: 56.022 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.003 min
 Lab File: VU052905.D
 Acq: 01 Feb 2023 15:08

Tgt Ion:180 Resp: 124374

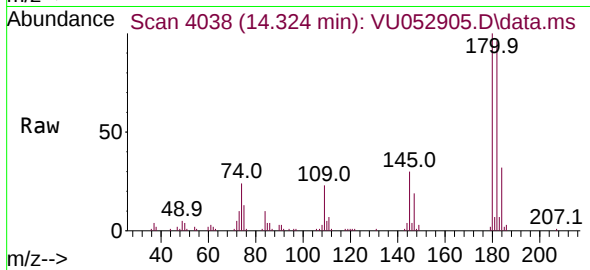
Ion	Ratio	Lower	Upper
180	100		
182	97.4	78.2	117.2
145	28.6	23.4	35.2





#72
 1,2,3-Trichlorobenzene
 Concen: 12.679 ug/L
 RT: 14.324 min Scan# 4038
 Delta R.T. -0.003 min
 Lab File: VU052905.D
 Acq: 01 Feb 2023 15:08

Instrument :
 MSVOA_U
 ClientSampleId :
 A44MODL



Tgt Ion:	180	Resp:	29748
Ion Ratio	Lower	Upper	
180	100		
182	97.6	77.5	116.3
145	29.5	24.2	36.4

