

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112822\
 Data File : VU052149.D
 Acq On : 28 Nov 2022 15:48
 Operator : JC/MD
 Sample : N5785-05 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL75

Quant Time: Nov 28 21:46:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 28 21:44:47 2022
 Response via : Initial Calibration

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

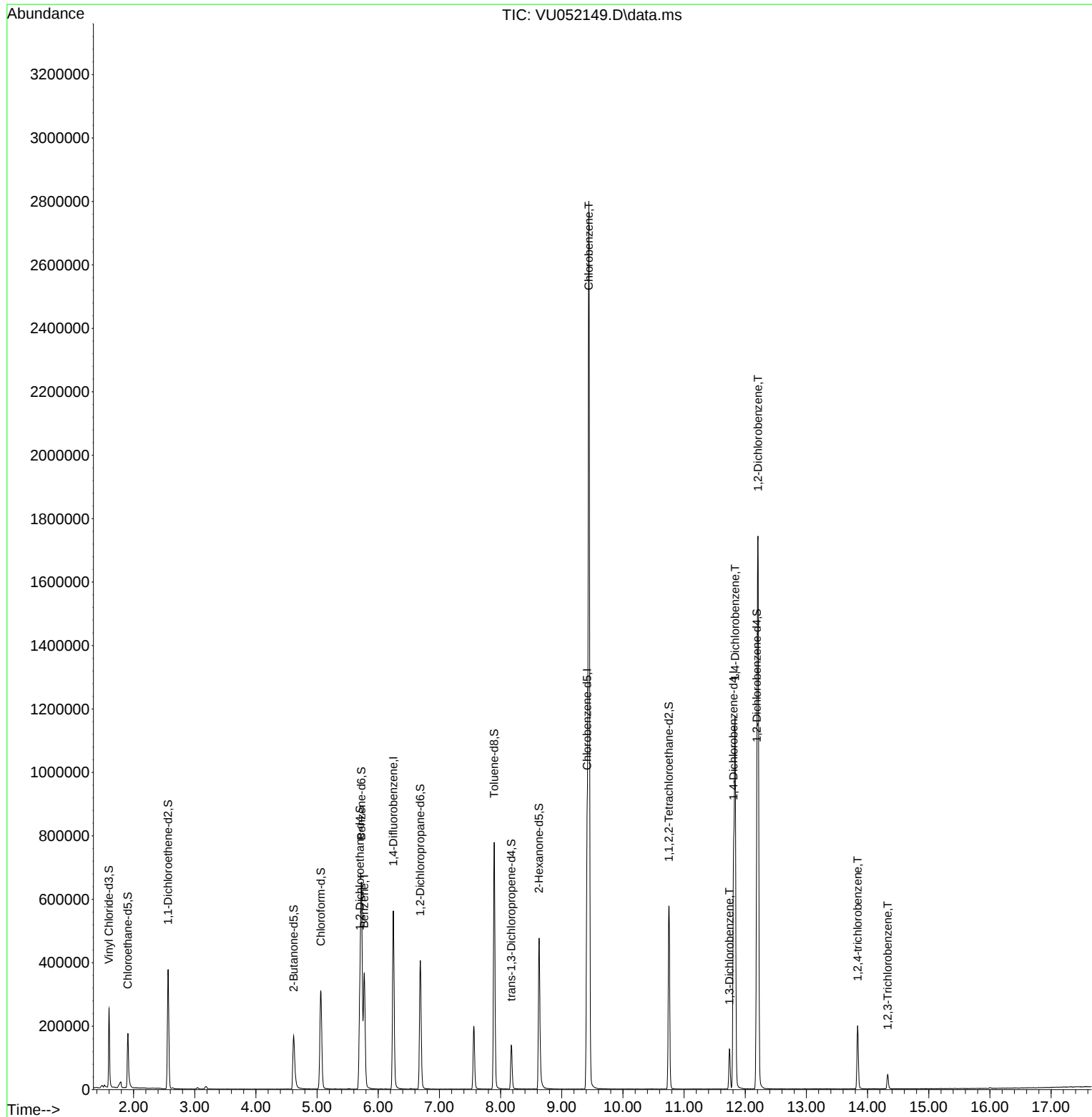
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	466089	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	460774	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	188371	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	188273	46.614	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.220%		
7) Chloroethane-d5	1.906	69	151202	47.269	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.540%		
11) 1,1-Dichloroethene-d2	2.565	63	223669	37.359	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.720%		
21) 2-Butanone-d5	4.616	46	236194	97.314	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.310%		
24) Chloroform-d	5.060	84	298213	45.064	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.120%		
26) 1,2-Dichloroethane-d4	5.700	65	185671	46.650	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.300%		
32) Benzene-d6	5.726	84	643184	46.831	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.660%		
36) 1,2-Dichloropropane-d6	6.687	67	206172	46.727	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.460%		
41) Toluene-d8	7.896	98	533420	43.470	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.940%		
43) trans-1,3-Dichloroprop...	8.176	79	79826	42.499	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.000%		
47) 2-Hexanone-d5	8.629	63	160184	93.066	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.070%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	302954	43.401	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.800%		
66) 1,2-Dichlorobenzene-d4	12.188	152	193879	49.771	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.540%		
Target Compounds						
					Qvalue	
33) Benzene	5.771	78	359675	26.349	ug/L	100
51) Chlorobenzene	9.443	112	1519350	163.711	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	54367	9.757	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	471292	83.012	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	666380	114.145	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	66045	22.103	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	15505	4.790	ug/L	96

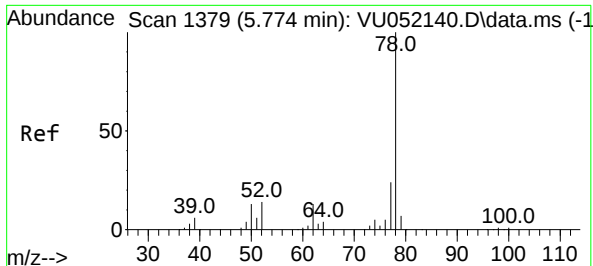
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112822\
Data File : VU052149.D
Acq On : 28 Nov 2022 15:48
Operator : JC/MD
Sample : N5785-05 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COL75

Quant Time: Nov 28 21:46:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Nov 28 21:44:47 2022
Response via : Initial Calibration

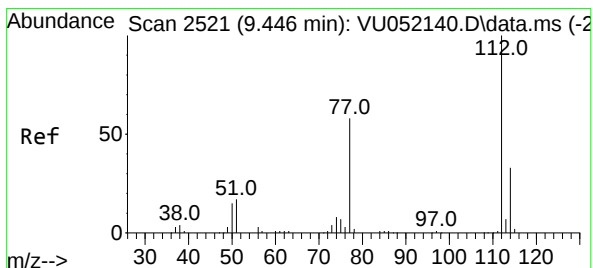
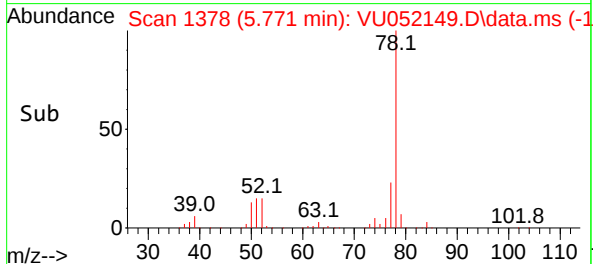
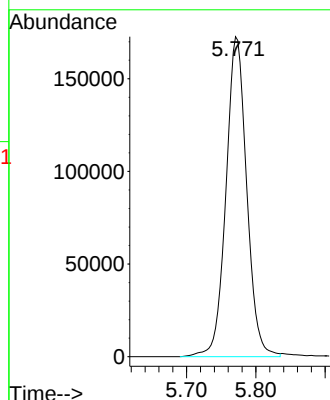
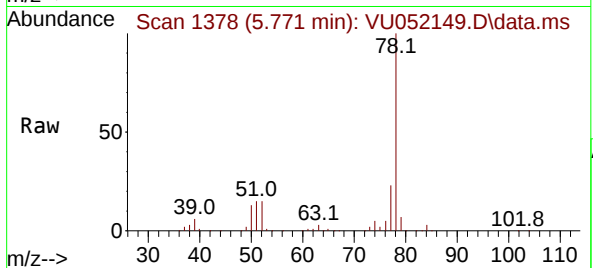




#33
Benzene
Concen: 26.349 ug/L
RT: 5.771 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU052149.D
Acq: 28 Nov 2022 15:48

Instrument :
MSVOA_U
ClientSampleId :
COL75

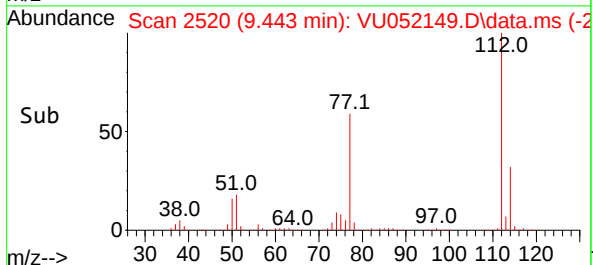
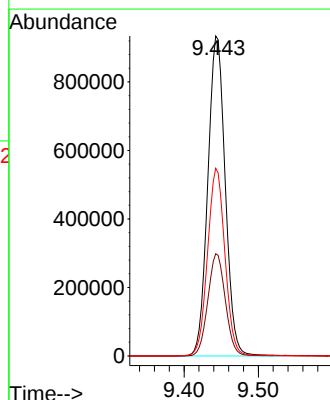
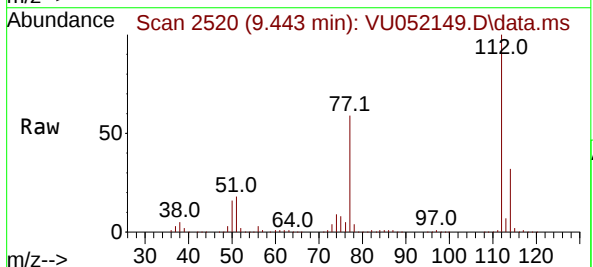
Tgt Ion: 78 Resp: 359675

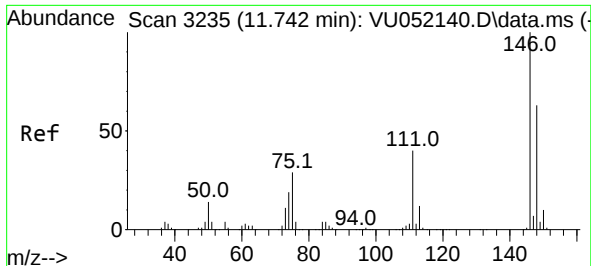


#51
Chlorobenzene
Concen: 163.711 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.003 min
Lab File: VU052149.D
Acq: 28 Nov 2022 15:48

Tgt Ion: 112 Resp: 1519350

Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.2	41.2
77	58.6	46.5	69.7

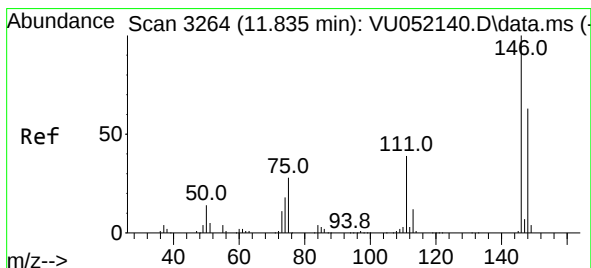
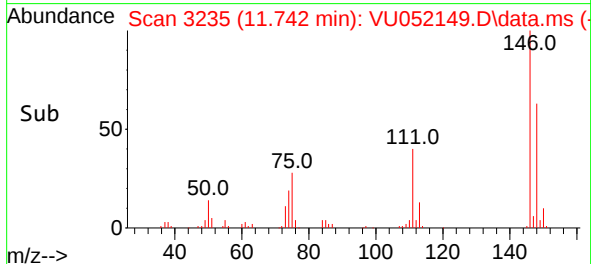
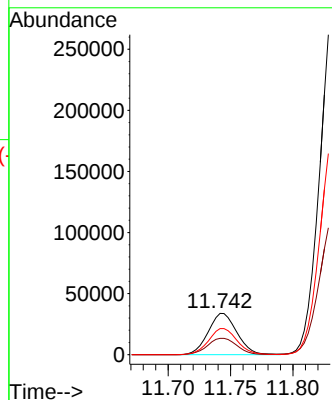
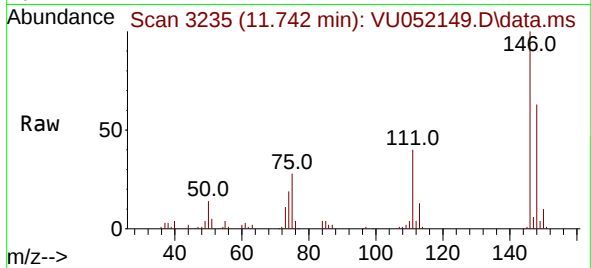




#64
1,3-Dichlorobenzene
Concen: 9.757 ug/L
RT: 11.742 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052149.D
Acq: 28 Nov 2022 15:48

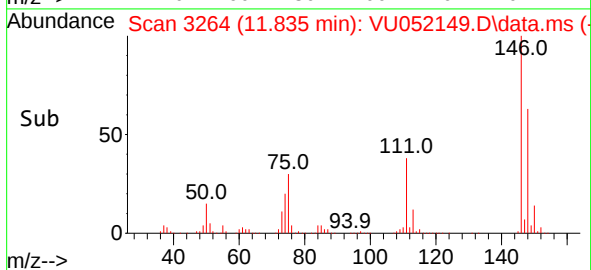
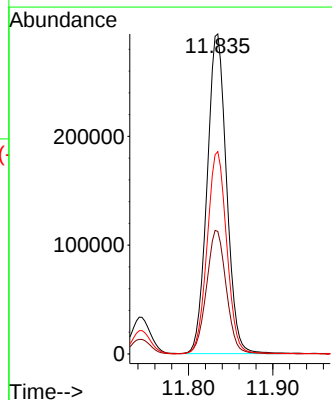
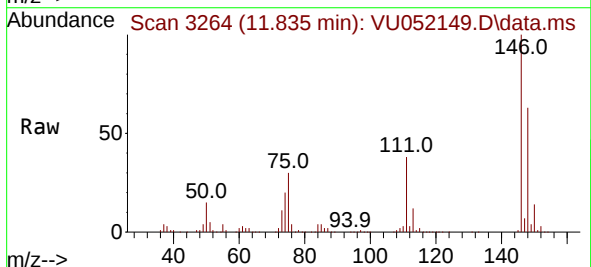
Instrument :
MSVOA_U
ClientSampleId :
COL75

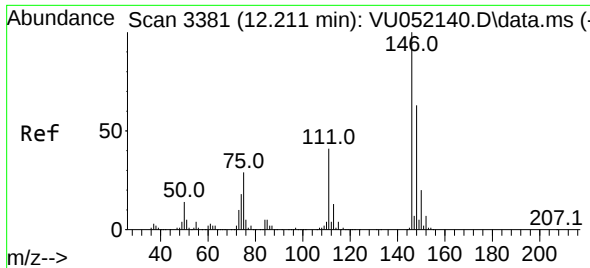
Tgt Ion:146 Resp: 54367
Ion Ratio Lower Upper
146 100
111 39.7 27.5 51.1
148 63.2 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 83.012 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU052149.D
Acq: 28 Nov 2022 15:48

Tgt Ion:146 Resp: 471292
Ion Ratio Lower Upper
146 100
111 38.3 27.6 51.2
148 63.3 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 114.145 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU052149.D

Acq: 28 Nov 2022 15:48

Instrument :

MSVOA_U

ClientSampleId :

COL75

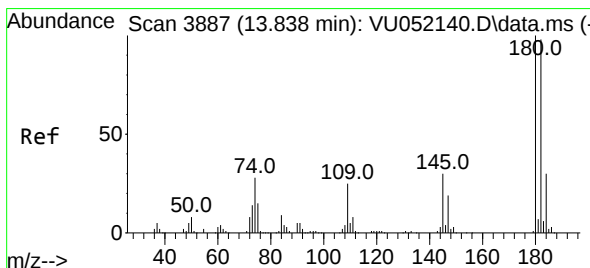
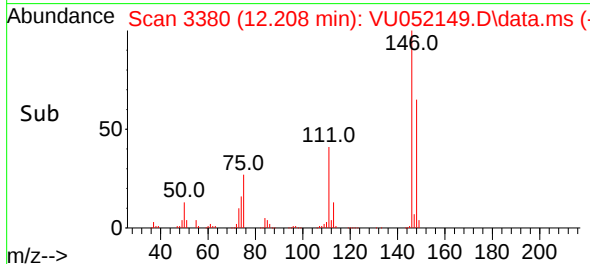
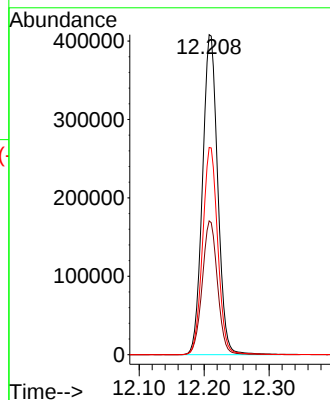
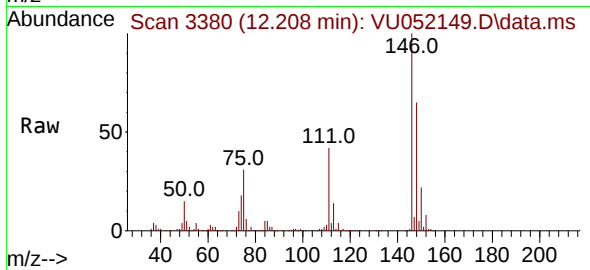
Tgt Ion:146 Resp: 666380

Ion Ratio Lower Upper

146 100

111 41.8 34.2 51.4

148 64.7 52.6 79.0



#70

1,2,4-trichlorobenzene

Concen: 22.103 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. -0.000 min

Lab File: VU052149.D

Acq: 28 Nov 2022 15:48

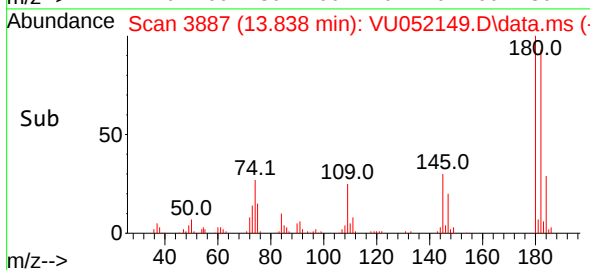
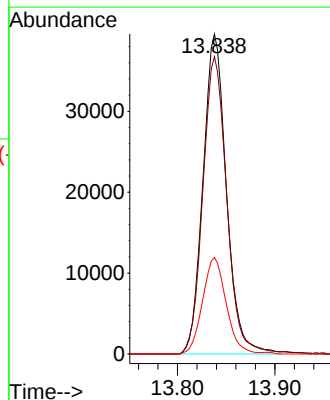
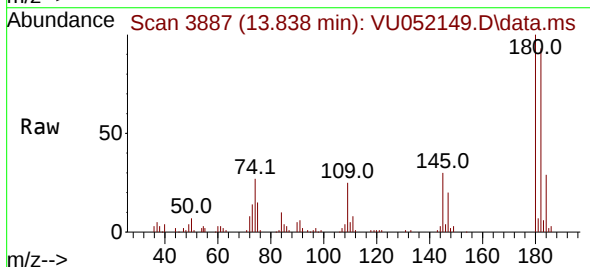
Tgt Ion:180 Resp: 66045

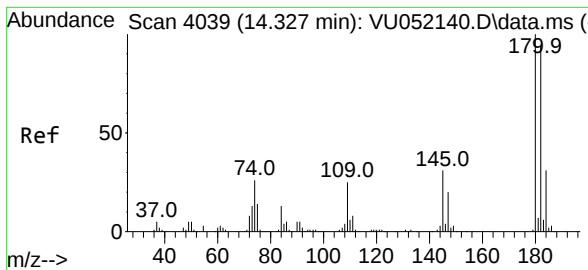
Ion Ratio Lower Upper

180 100

182 95.1 75.4 113.2

145 30.3 23.4 35.0





#72
 1,2,3-Trichlorobenzene
 Concen: 4.790 ug/L
 RT: 14.330 min Scan# 40
 Delta R.T. 0.003 min
 Lab File: VU052149.D
 Acq: 28 Nov 2022 15:48

Instrument :
 MSVOA_U
 ClientSampleId :
 C0L75

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.1	76.1	114.1
145	30.0	25.8	38.6

