

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020824\
 Data File : VU057858.D
 Acq On : 08 Feb 2024 12:07
 Operator : MD/SY
 Sample : P1081-07DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B45DL

Quant Time: Feb 09 04:08:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 09 04:07:11 2024
 Response via : Initial Calibration

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

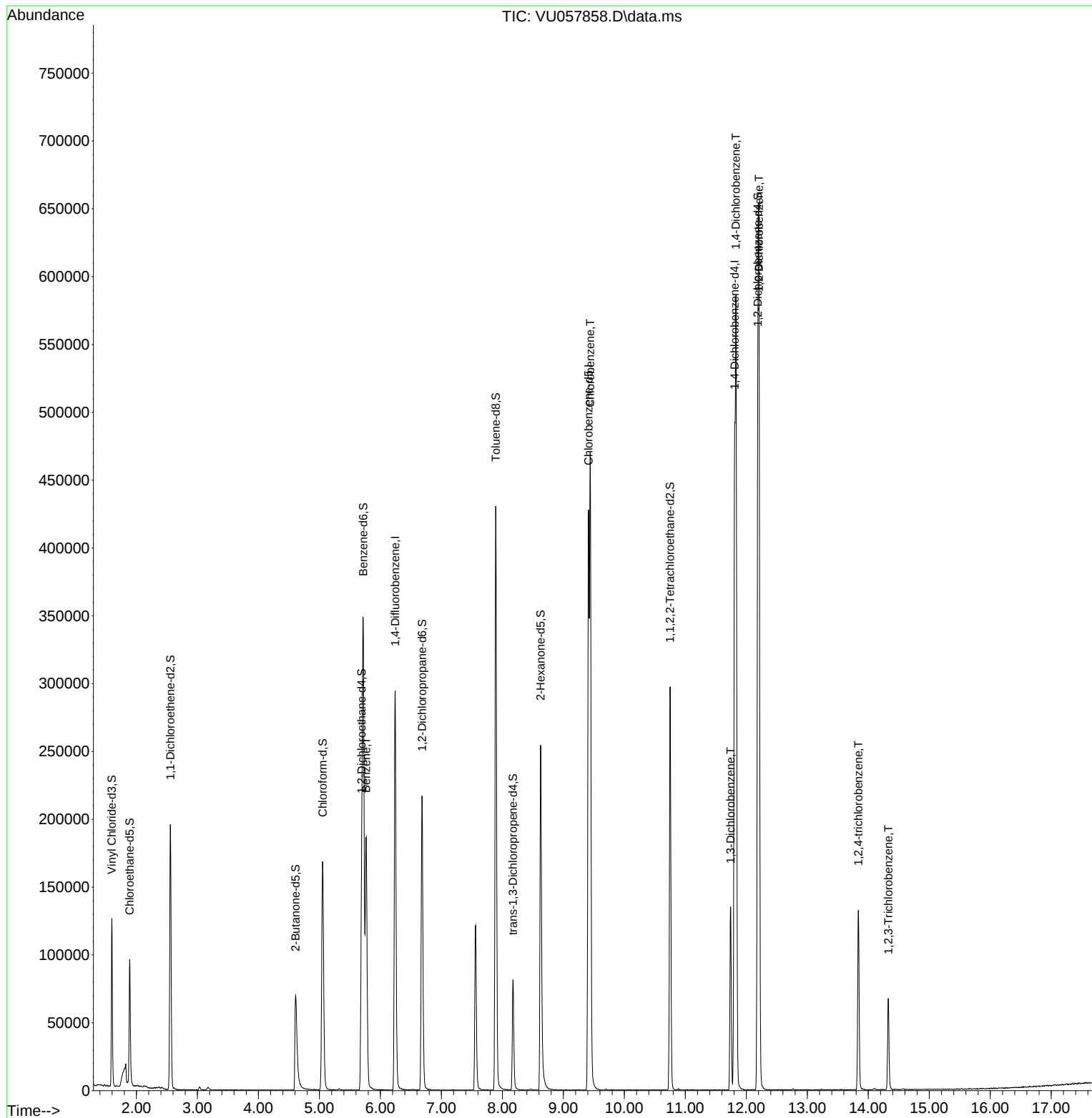
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	237987	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	223525	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	109964	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	89790	47.137	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.280%		
7) Chloroethane-d5	1.888	69	70392	47.634	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.260%		
11) 1,1-Dichloroethene-d2	2.557	63	120390	34.412	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.820%		
21) 2-Butanone-d5	4.608	46	104115	98.486	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.490%		
24) Chloroform-d	5.052	84	158354	46.863	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.720%		
26) 1,2-Dichloroethane-d4	5.692	65	106052	49.509	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.020%		
32) Benzene-d6	5.718	84	327084	48.437	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.880%		
36) 1,2-Dichloropropane-d6	6.682	67	104050	48.793	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.580%		
41) Toluene-d8	7.891	98	286511	46.801	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.600%		
43) trans-1,3-Dichloroprop...	8.174	79	47833	45.853	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.700%		
47) 2-Hexanone-d5	8.627	63	90587	104.072	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.070%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	144869	52.187	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	104.380%		
66) 1,2-Dichlorobenzene-d4	12.187	152	107007	50.651	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.300%		
Target Compounds						
					Qvalue	
33) Benzene	5.766	78	181648	25.671	ug/L	100
51) Chlorobenzene	9.441	112	239316	50.847	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	51826	14.890	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	210096	58.848	ug/L	94
67) 1,2-Dichlorobenzene	12.206	146	206527	58.859	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	39130	18.685	ug/L	100
72) 1,2,3-Trichlorobenzene	14.328	180	20545	10.485	ug/L	98

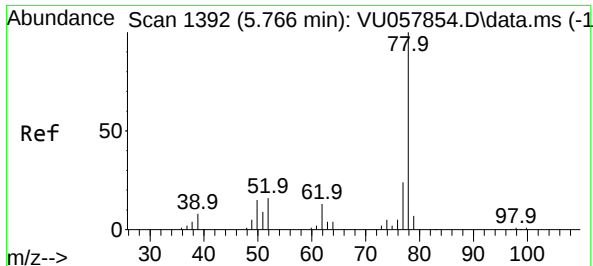
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Feb 09 04:07:11 2024
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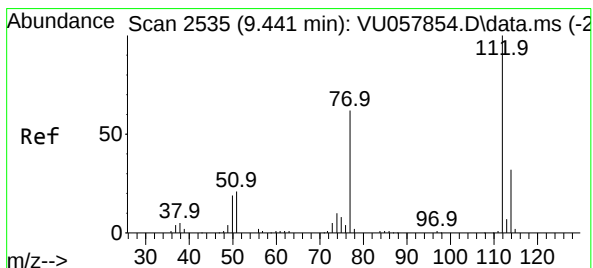
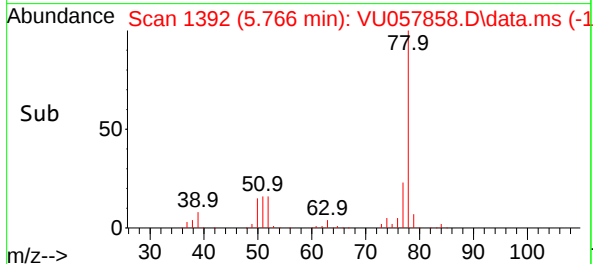
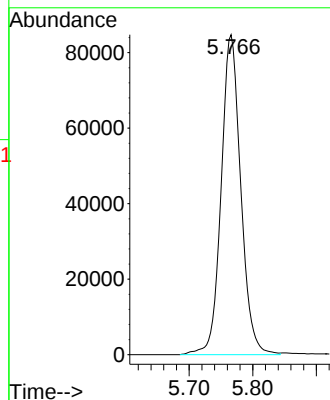
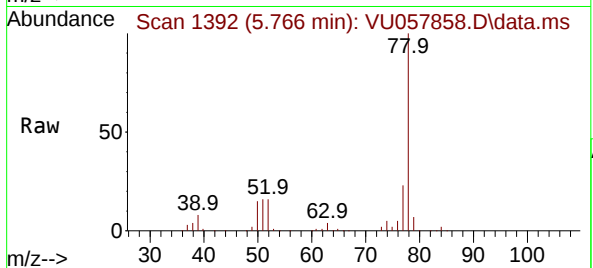




#33
Benzene
Concen: 25.671 ug/L
RT: 5.766 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU057858.D
Acq: 08 Feb 2024 12:07

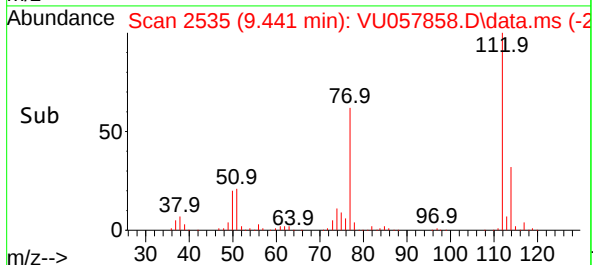
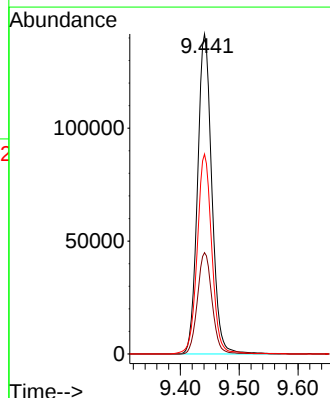
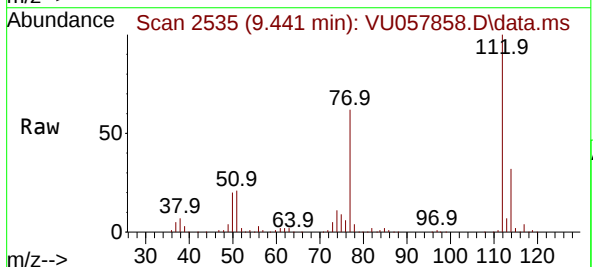
Instrument :
MSVOA_U
ClientSampleId :
C0B45DL

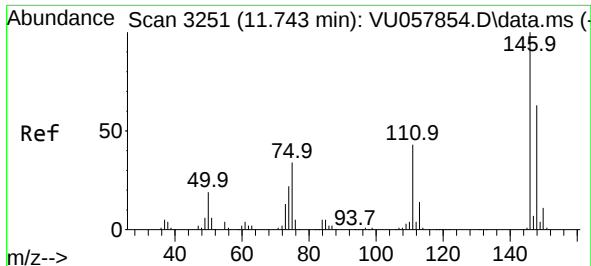
Tgt Ion: 78 Resp: 181648



#51
Chlorobenzene
Concen: 50.847 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU057858.D
Acq: 08 Feb 2024 12:07

Tgt Ion: 112 Resp: 239316
Ion Ratio Lower Upper
112 100
114 31.7 22.0 41.0
77 62.5 48.2 72.4





#64

1,3-Dichlorobenzene

Concen: 14.890 ug/L

RT: 11.743 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU057858.D

Acq: 08 Feb 2024 12:07

Instrument :

MSVOA_U

ClientSampleId :

C0B45DL

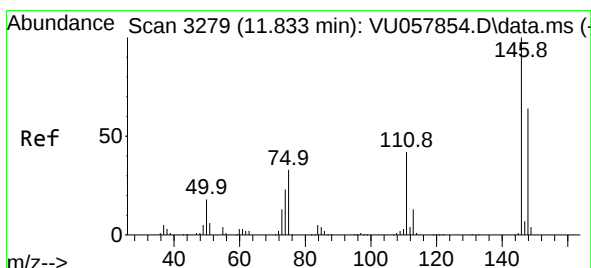
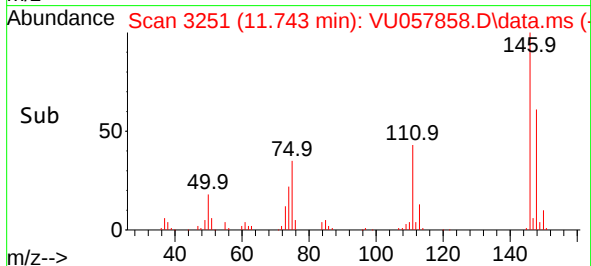
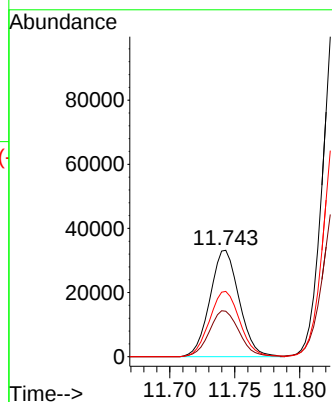
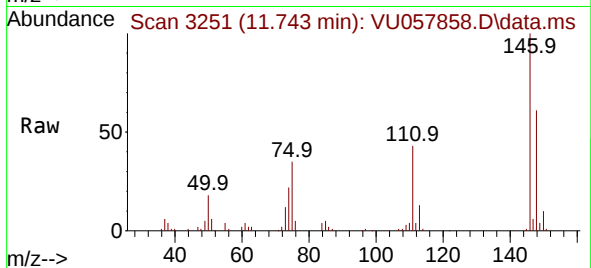
Tgt Ion:146 Resp: 51826

Ion Ratio Lower Upper

146 100

111 43.4 31.1 57.7

148 61.2 46.8 86.8



#65

1,4-Dichlorobenzene

Concen: 58.848 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.003 min

Lab File: VU057858.D

Acq: 08 Feb 2024 12:07

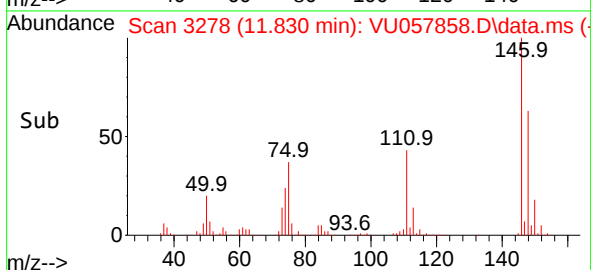
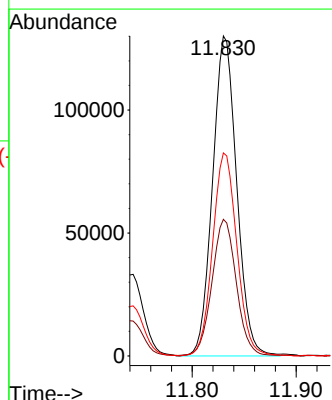
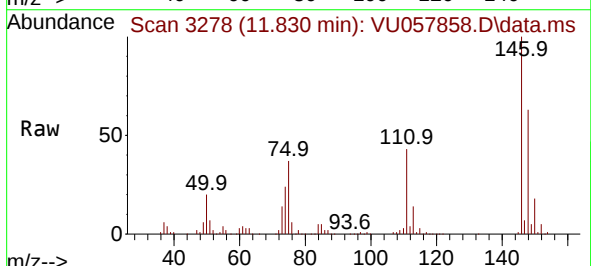
Tgt Ion:146 Resp: 210096

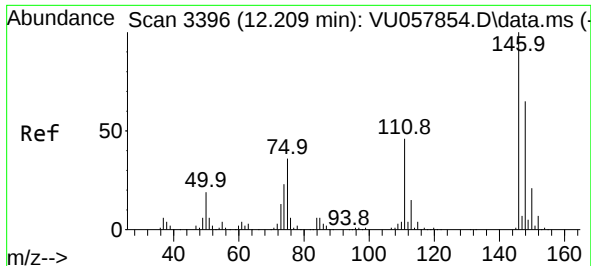
Ion Ratio Lower Upper

146 100

111 40.0 30.5 56.7

148 59.5 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 58.859 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU057858.D

Acq: 08 Feb 2024 12:07

Instrument :

MSVOA_U

ClientSampleId :

C0B45DL

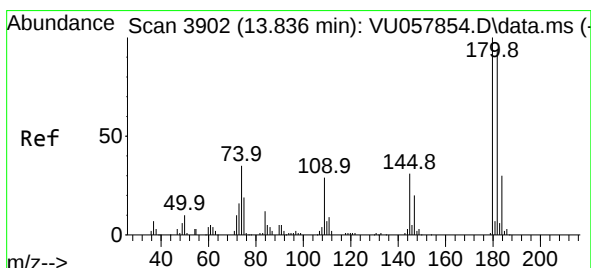
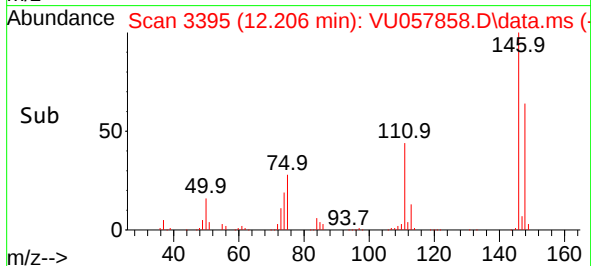
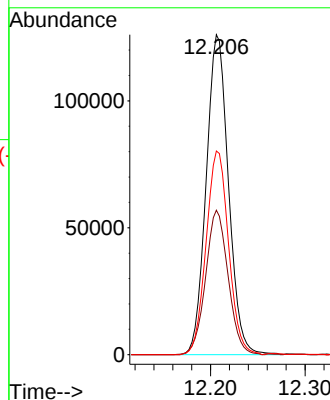
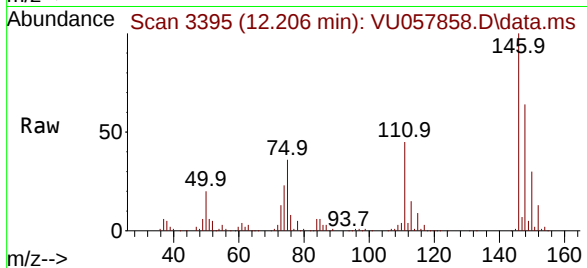
Tgt Ion:146 Resp: 206527

Ion Ratio Lower Upper

146 100

111 45.2 37.8 56.8

148 63.6 51.7 77.5



#70

1,2,4-trichlorobenzene

Concen: 18.685 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU057858.D

Acq: 08 Feb 2024 12:07

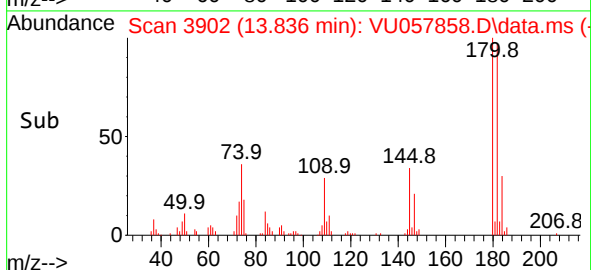
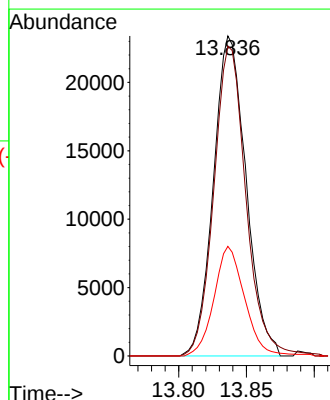
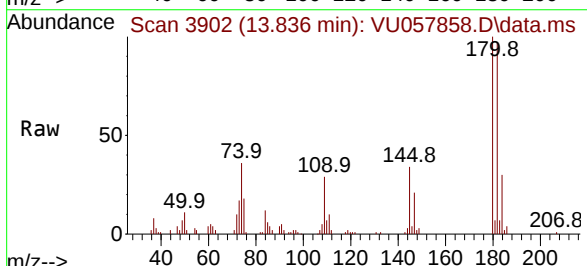
Tgt Ion:180 Resp: 39130

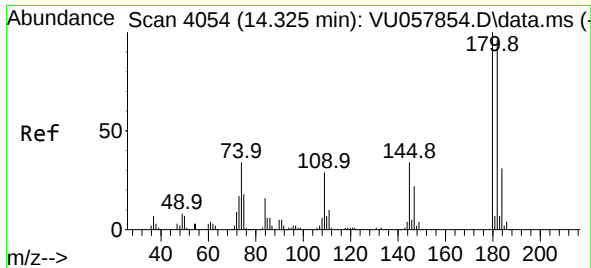
Ion Ratio Lower Upper

180 100

182 95.4 76.0 114.0

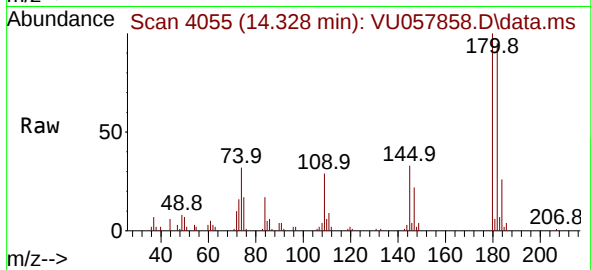
145 32.2 25.5 38.3





#72
 1,2,3-Trichlorobenzene
 Concen: 10.485 ug/L
 RT: 14.328 min Scan# 4055
 Delta R.T. 0.003 min
 Lab File: VU057858.D
 Acq: 08 Feb 2024 12:07

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B45DL



Tgt Ion:	180	Resp:	20545
Ion Ratio	Lower	Upper	
180	100		
182	94.1	76.6	114.8
145	33.1	27.7	41.5

