

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030223\
 Data File : VU053186.D
 Acq On : 02 Mar 2023 14:35
 Operator : JC/MD
 Sample : 01745-05 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COLF2

Quant Time: Mar 03 01:47:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 03 01:44:16 2023
 Response via : Initial Calibration

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

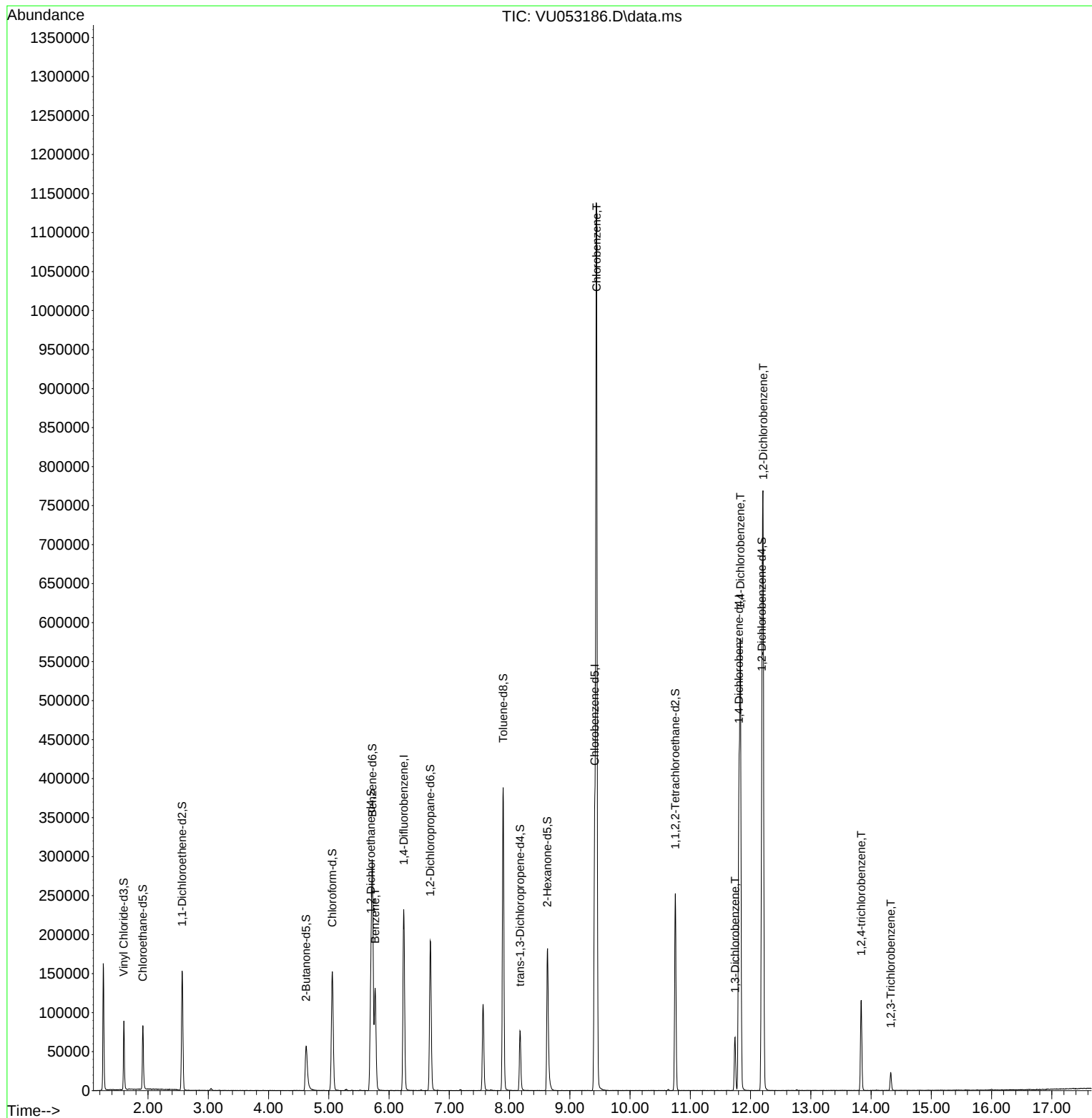
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	184737	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	180249	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	90340	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	62300	36.711	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.420%
7) Chloroethane-d5	1.913	69	58482	40.717	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.440%
11) 1,1-Dichloroethene-d2	2.566	63	90252	31.005	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.000%
21) 2-Butanone-d5	4.624	46	91070	102.680	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.680%
24) Chloroform-d	5.058	84	136138	45.475	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.940%
26) 1,2-Dichloroethane-d4	5.698	65	90140	47.348	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.700%
32) Benzene-d6	5.723	84	282929	44.000	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.685	67	96036	45.717	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.440%
41) Toluene-d8	7.894	98	261080	43.851	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.700%
43) trans-1,3-Dichloroprop...	8.173	79	45668	42.685	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.380%
47) 2-Hexanone-d5	8.627	63	66028	90.992	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.990%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	127768	45.699	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	12.186	152	89955	44.791	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.580%
Target Compounds						
					Qvalue	
33) Benzene	5.768	78	127703	20.141	ug/L	100
51) Chlorobenzene	9.443	112	588846	140.936	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	25526	8.643	ug/L	96
65) 1,4-Dichlorobenzene	11.832	146	206867	69.039	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	258373	86.554	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	31370	16.555	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	6658	3.499	ug/L	99

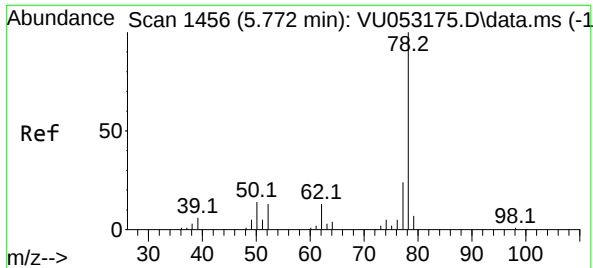
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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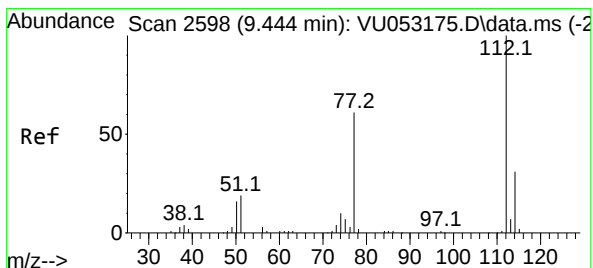
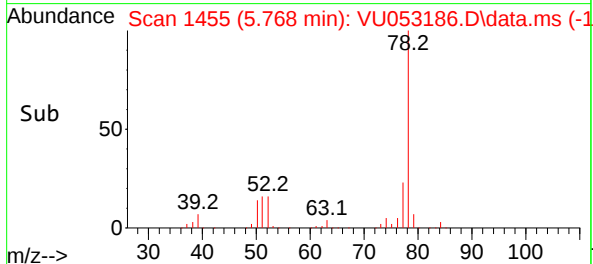
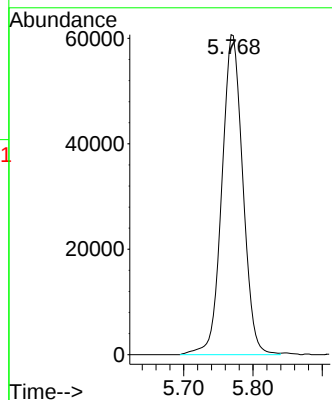
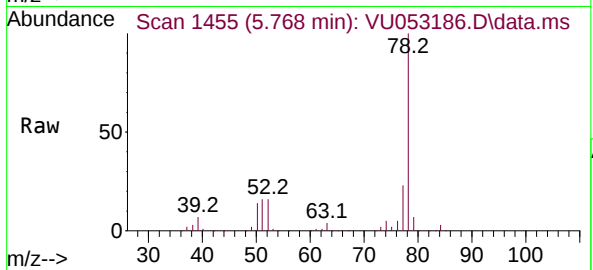




#33
Benzene
Concen: 20.141 ug/L
RT: 5.768 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU053186.D
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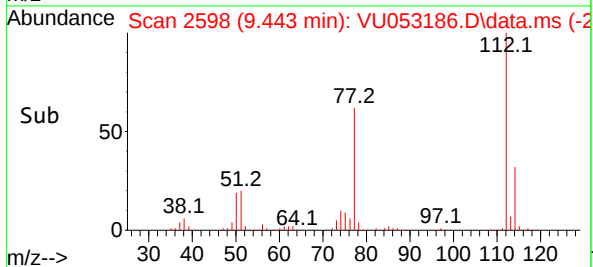
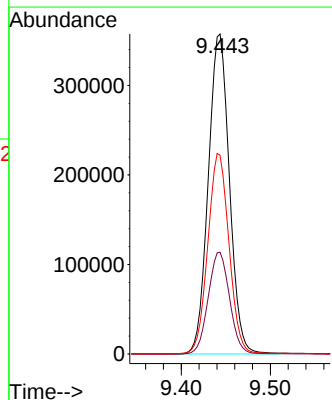
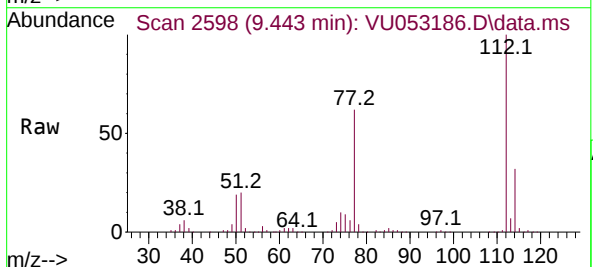
Instrument :
MSVOA_U
ClientSampleId :
COLF2

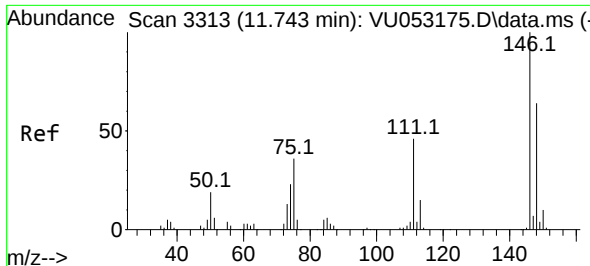
Tgt Ion: 78 Resp: 127703



#51
Chlorobenzene
Concen: 140.936 ug/L
RT: 9.443 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU053186.D
Acq: 02 Mar 2023 14:35

Tgt Ion: 112 Resp: 588846
Ion Ratio Lower Upper
112 100
114 31.8 22.3 41.3
77 62.1 48.8 73.2

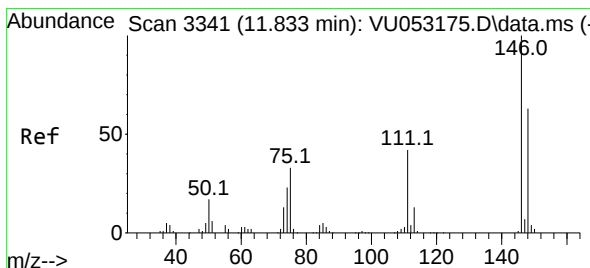
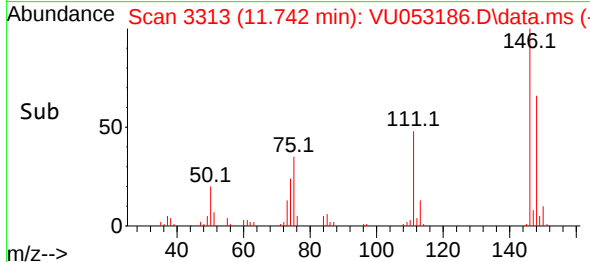
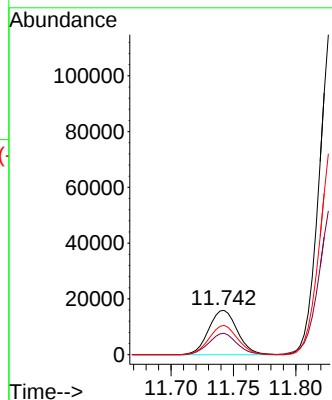
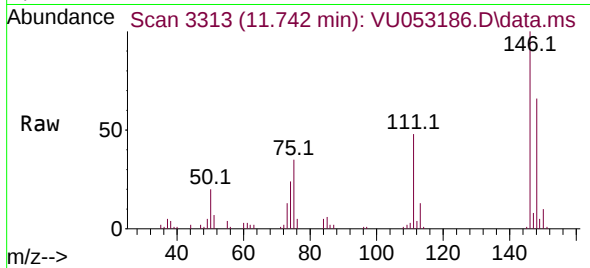




#64
1,3-Dichlorobenzene
Concen: 8.643 ug/L
RT: 11.742 min Scan# 3313
Delta R.T. -0.000 min
Lab File: VU053186.D
Acq: 02 Mar 2023 14:35

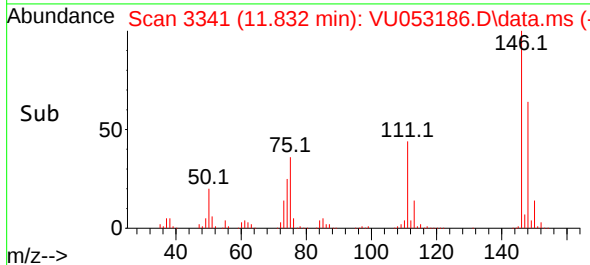
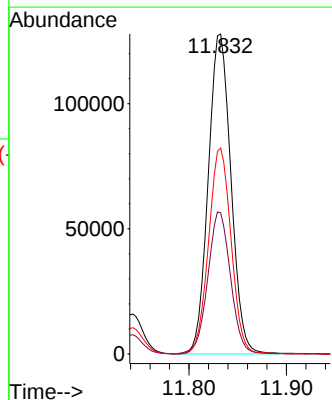
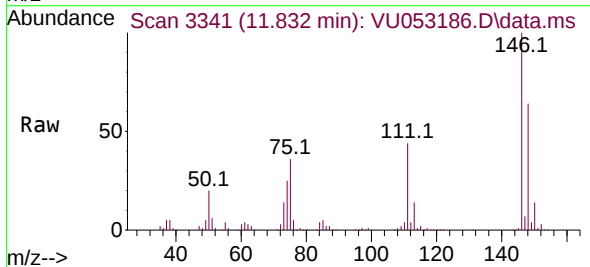
Instrument :
MSVOA_U
ClientSampleId :
COLF2

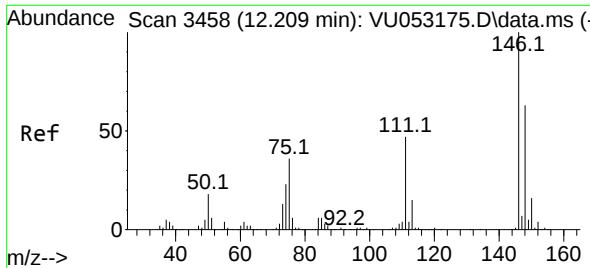
Tgt Ion:146 Resp: 25526
Ion Ratio Lower Upper
146 100
111 48.2 32.1 59.5
148 66.1 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 69.039 ug/L
RT: 11.832 min Scan# 3341
Delta R.T. -0.000 min
Lab File: VU053186.D
Acq: 02 Mar 2023 14:35

Tgt Ion:146 Resp: 206867
Ion Ratio Lower Upper
146 100
111 44.1 29.9 55.5
148 64.4 44.0 81.6

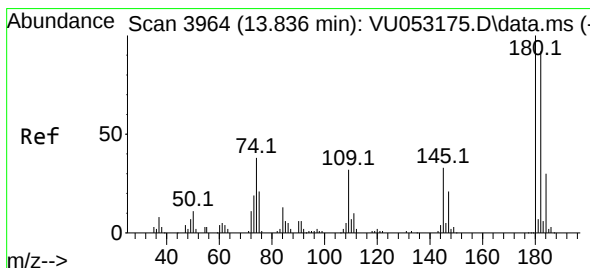
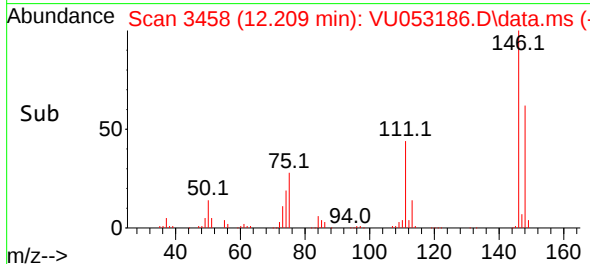
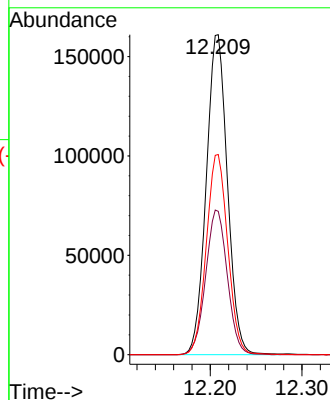
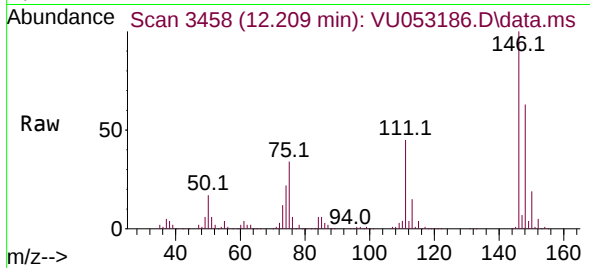




#67
1,2-Dichlorobenzene
Concen: 86.554 ug/L
RT: 12.209 min Scan# 3458
Delta R.T. -0.000 min
Lab File: VU053186.D
Acq: 02 Mar 2023 14:35

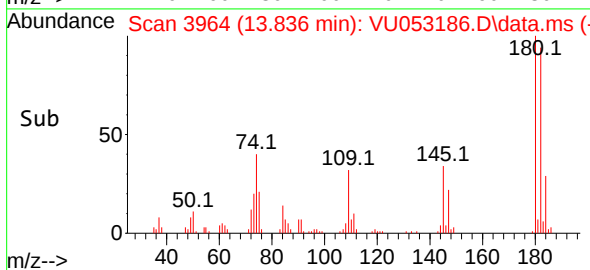
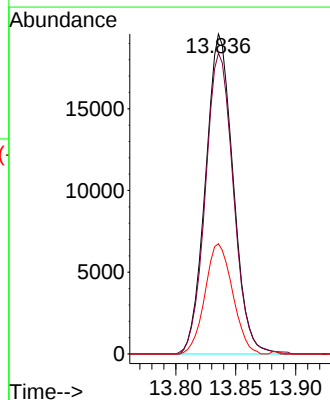
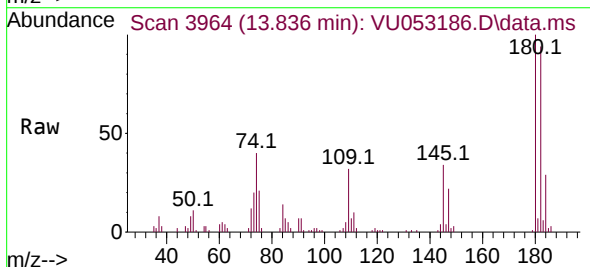
Instrument :
MSVOA_U
ClientSampleId :
COLF2

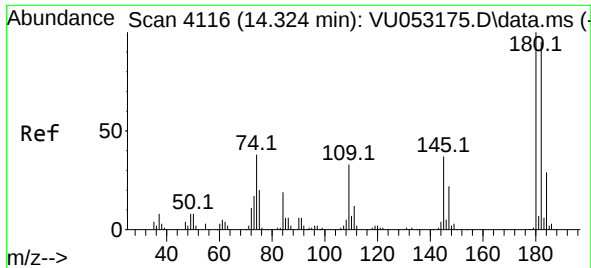
Tgt Ion:146 Resp: 258373
Ion Ratio Lower Upper
146 100
111 44.8 37.8 56.6
148 62.6 50.4 75.6



#70
1,2,4-trichlorobenzene
Concen: 16.555 ug/L
RT: 13.836 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU053186.D
Acq: 02 Mar 2023 14:35

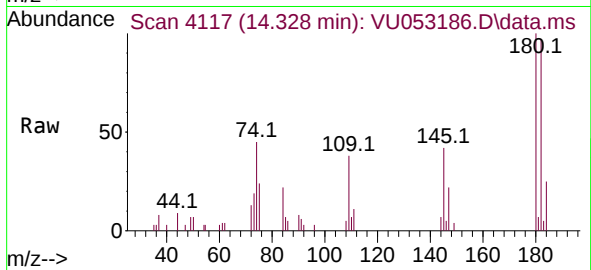
Tgt Ion:180 Resp: 31370
Ion Ratio Lower Upper
180 100
182 95.4 76.4 114.6
145 34.4 26.8 40.2





#72
 1,2,3-Trichlorobenzene
 Concen: 3.499 ug/L
 RT: 14.328 min Scan# 4116
 Delta R.T. 0.003 min
 Lab File: VU053186.D
 Acq: 02 Mar 2023 14:35

Instrument :
 MSVOA_U
 ClientSampleId :
 COLF2



Tgt Ion:180 Resp: 6658

Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.4	113.2
145	36.8	28.2	42.2

