

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010623\
 Data File : VU052626.D
 Acq On : 06 Jan 2023 14:33
 Operator : JC/MD
 Sample : 01036-03 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COLEO

Quant Time: Jan 07 01:35:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 07 00:30:36 2023
 Response via : Initial Calibration

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

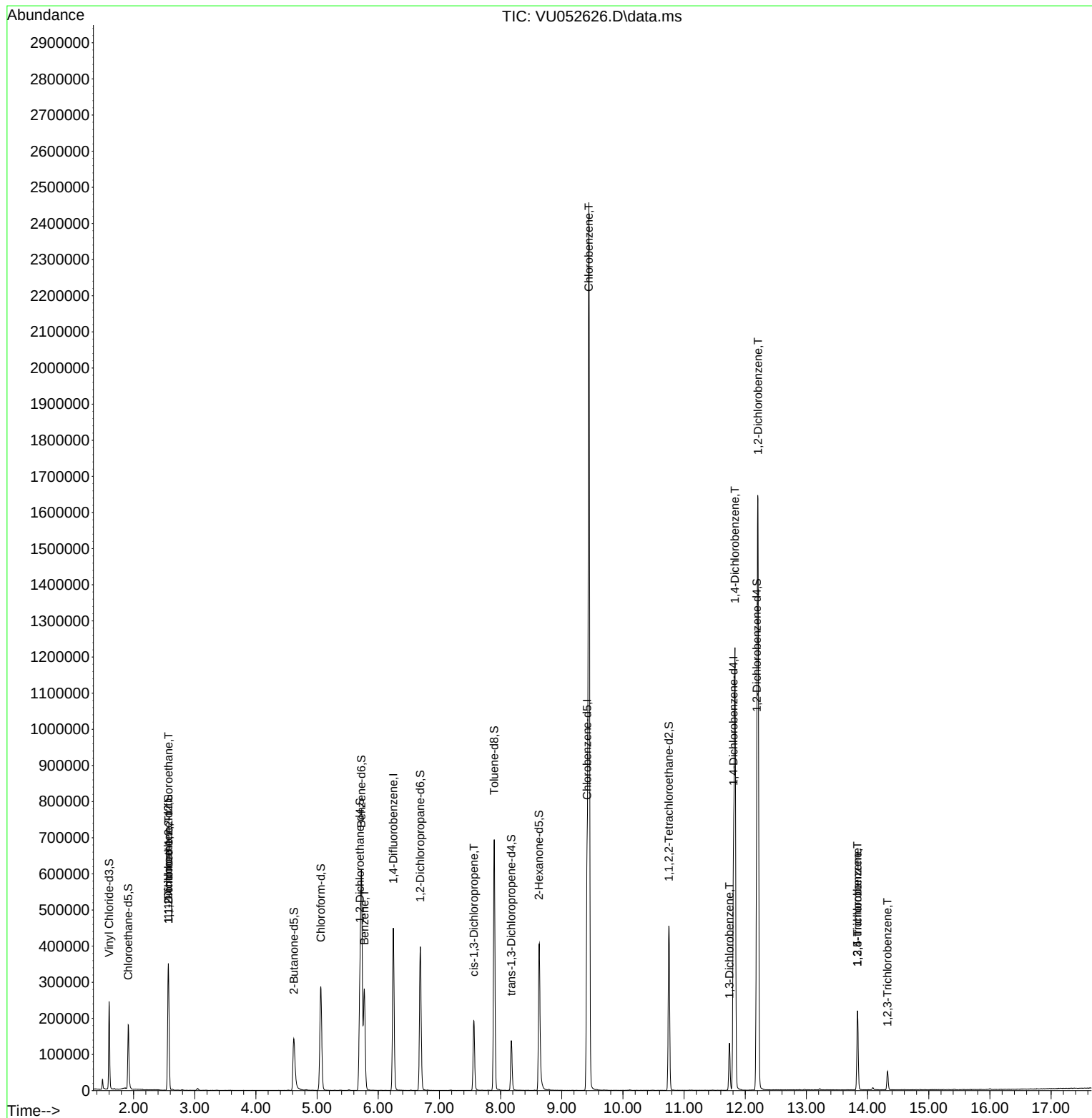
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	333746	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	321900	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	151163	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	176486	46.947	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.900%		
7) Chloroethane-d5	1.912	69	137677	46.809	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.620%		
11) 1,1-Dichloroethene-d2	2.568	63	222080	35.925	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.840%		
21) 2-Butanone-d5	4.620	46	229352	96.405	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.410%		
24) Chloroform-d	5.060	84	263276	44.555	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.100%		
26) 1,2-Dichloroethane-d4	5.700	65	182295	46.933	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.860%		
32) Benzene-d6	5.726	84	546620	49.098	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.200%		
36) 1,2-Dichloropropane-d6	6.687	67	190232	48.634	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.260%		
41) Toluene-d8	7.896	98	436112	46.198	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.400%		
43) trans-1,3-Dichloroprop...	8.176	79	77104	45.366	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.740%		
47) 2-Hexanone-d5	8.629	63	132681	96.266	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.270%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	231230	44.875	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.760%		
66) 1,2-Dichlorobenzene-d4	12.188	152	155413	53.547	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.100%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1786	0.703	ug/L #	23
12) 1,1-Dichloroethene	2.571	96	1494	0.636	ug/L #	1
33) Benzene	5.774	78	259571	23.024	ug/L	100
39) cis-1,3-Dichloropropene	7.562	75	4887	1.116	ug/L #	73
51) Chlorobenzene	9.443	112	1195094	173.305	ug/L	97
64) 1,3-Dichlorobenzene	11.741	146	47874	11.147	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	427702	94.517	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	559882	126.842	ug/L	99
69) 1,3,5-Trichlorobenzene	13.835	180	63005	20.774	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	63005	24.417	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	14773	5.573	ug/L	98

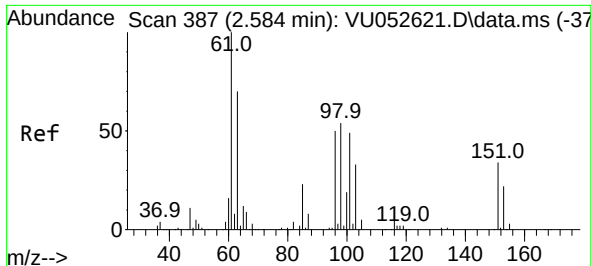
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jan 07 00:30:36 2023
Response via : Initial Calibration

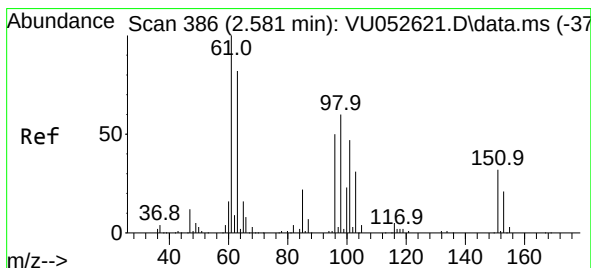
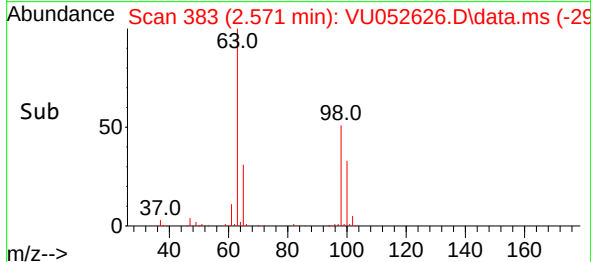
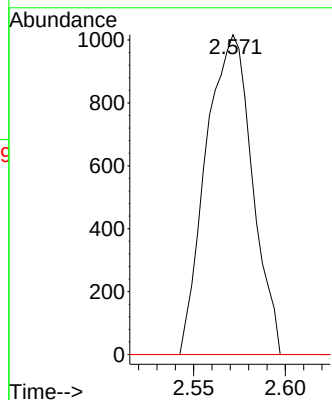
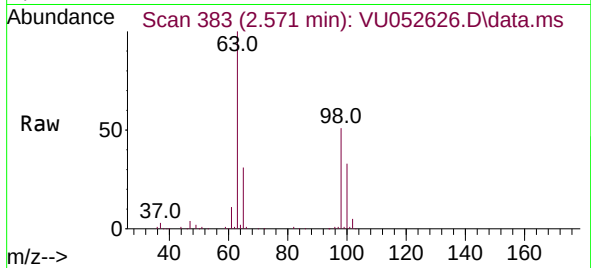




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.703 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU052626.D
 Acq: 06 Jan 2023 14:33

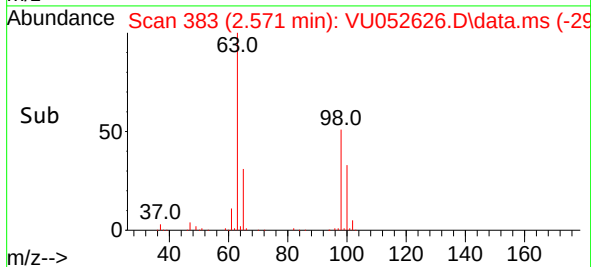
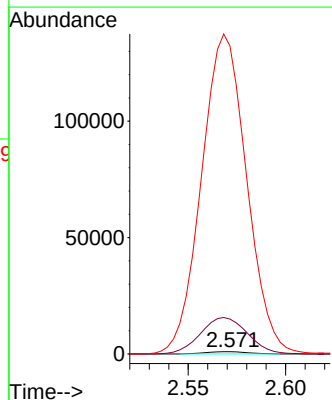
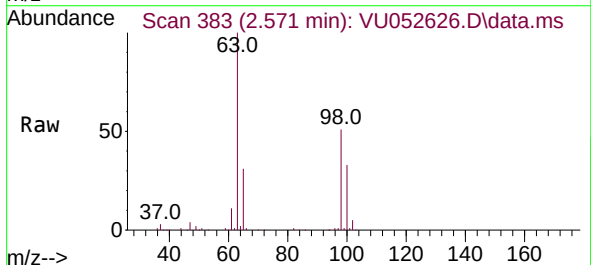
Instrument :
 MSVOA_U
 ClientSampleId :
 COLEO

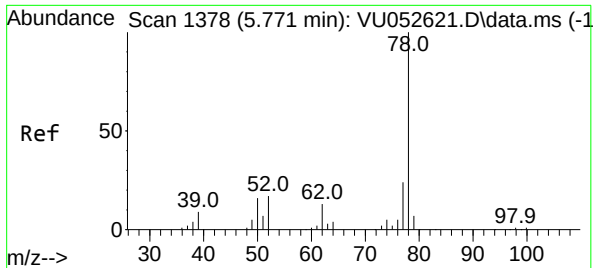
Tgt Ion:101 Resp: 1786
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.8 53.6#
 151 0.0 53.2 79.8#



#12
 1,1-Dichloroethene
 Concen: 0.636 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.010 min
 Lab File: VU052626.D
 Acq: 06 Jan 2023 14:33

Tgt Ion: 96 Resp: 1494
 Ion Ratio Lower Upper
 96 100
 61 1526.3 140.8 261.6#
 63 13491.5 122.6 227.6#

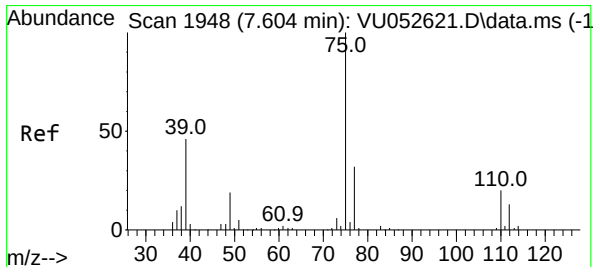
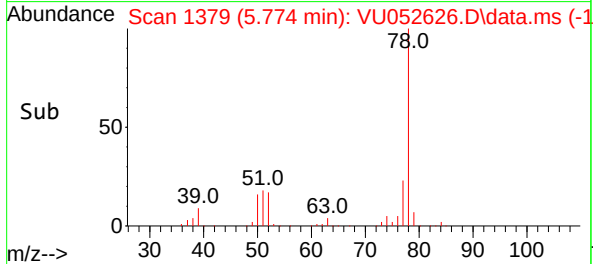
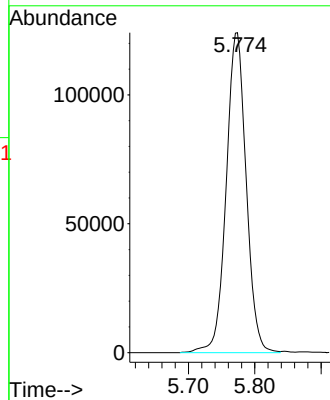
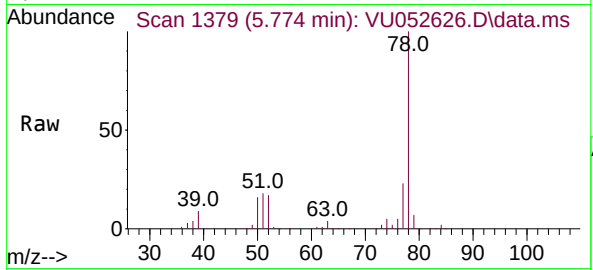




#33
Benzene
Concen: 23.024 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU052626.D
Acq: 06 Jan 2023 14:33

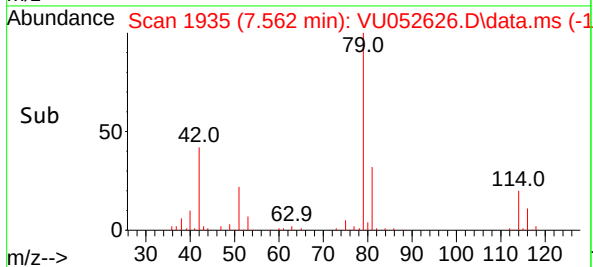
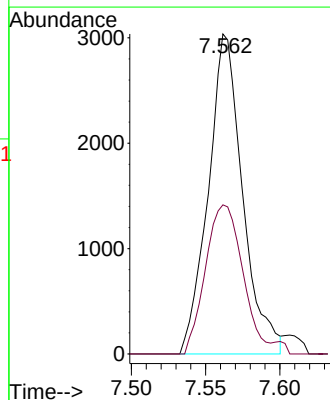
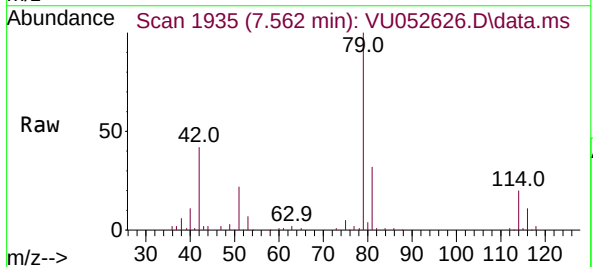
Instrument :
MSVOA_U
ClientSampleId :
COLEO

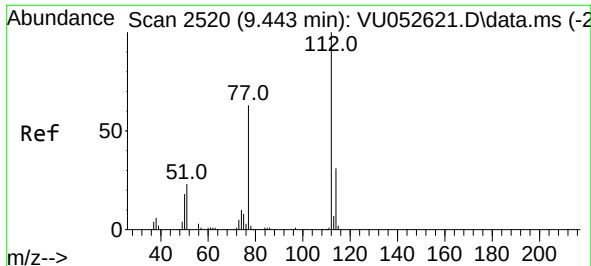
Tgt Ion: 78 Resp: 259571



#39
cis-1,3-Dichloropropene
Concen: 1.116 ug/L
RT: 7.562 min Scan# 1935
Delta R.T. -0.042 min
Lab File: VU052626.D
Acq: 06 Jan 2023 14:33

Tgt Ion: 75 Resp: 4887
Ion Ratio Lower Upper
75 100
77 46.6 22.1 41.1#

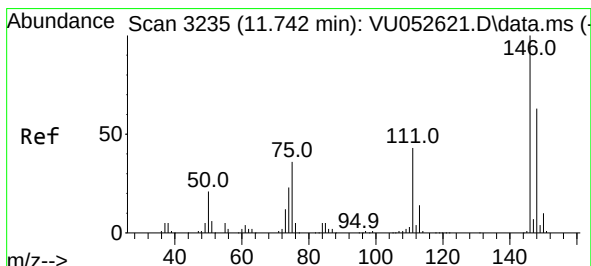
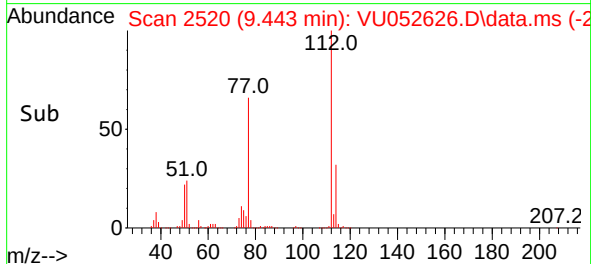
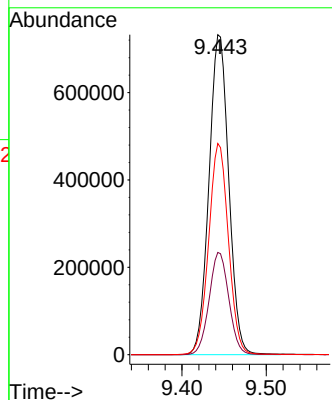
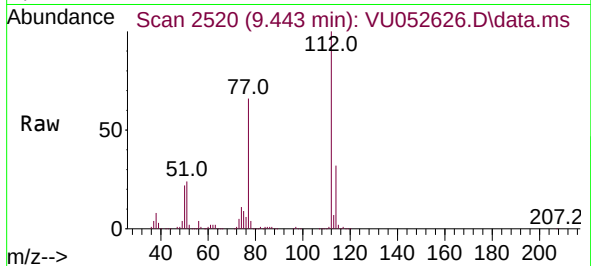




#51
Chlorobenzene
Concen: 173.305 ug/L
RT: 9.443 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052626.D
Acq: 06 Jan 2023 14:33

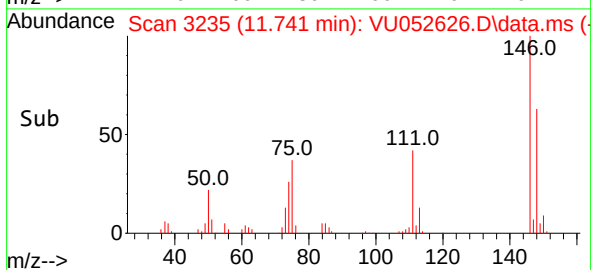
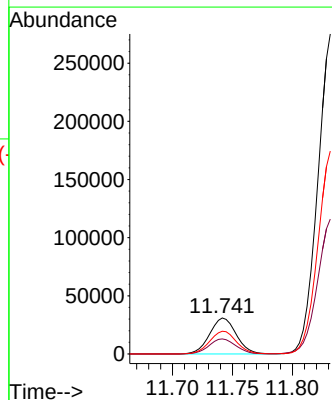
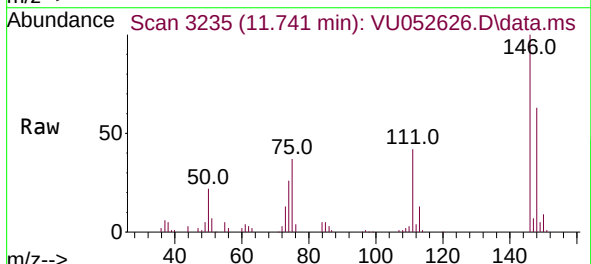
Instrument :
MSVOA_U
ClientSampleId :
COLE0

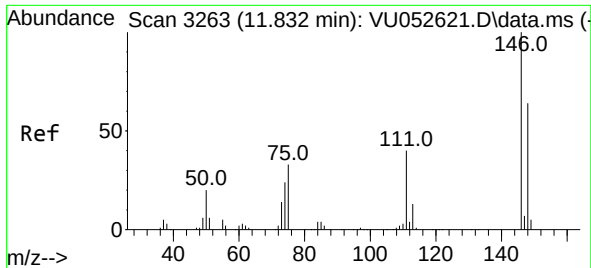
Tgt Ion:112 Resp: 1195094
Ion Ratio Lower Upper
112 100
114 31.9 21.6 40.0
77 66.0 50.8 76.2



#64
1,3-Dichlorobenzene
Concen: 11.147 ug/L
RT: 11.741 min Scan# 3235
Delta R.T. -0.001 min
Lab File: VU052626.D
Acq: 06 Jan 2023 14:33

Tgt Ion:146 Resp: 47874
Ion Ratio Lower Upper
146 100
111 41.9 29.8 55.3
148 63.4 44.4 82.4

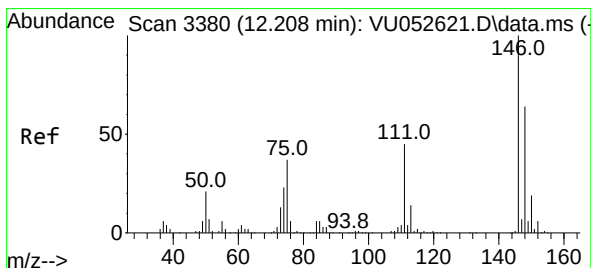
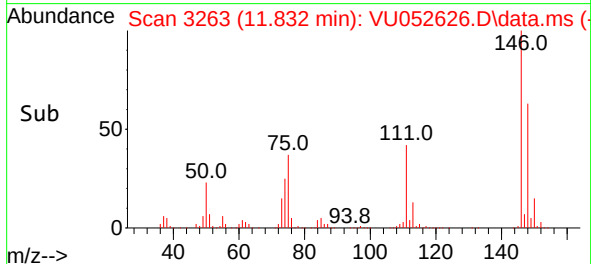
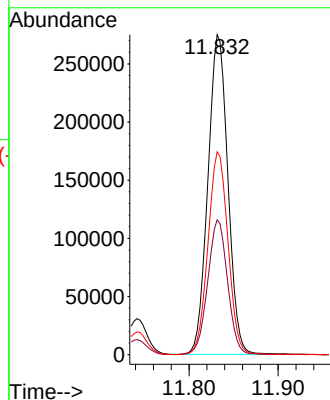
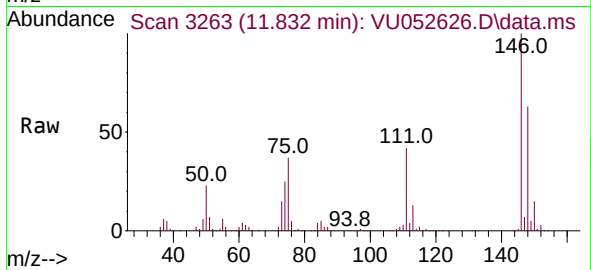




#65
1,4-Dichlorobenzene
Concen: 94.517 ug/L
RT: 11.832 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052626.D
Acq: 06 Jan 2023 14:33

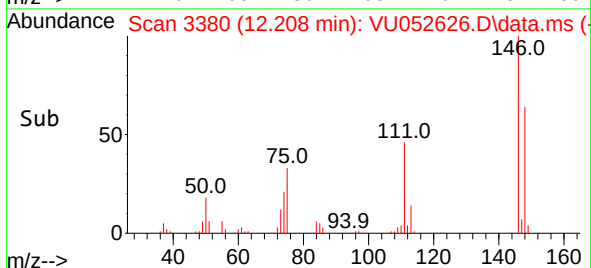
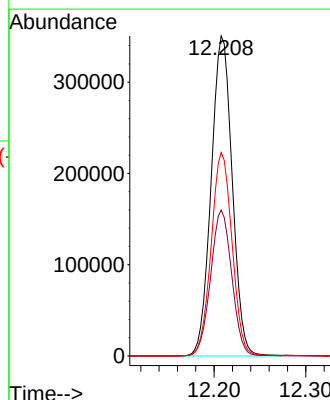
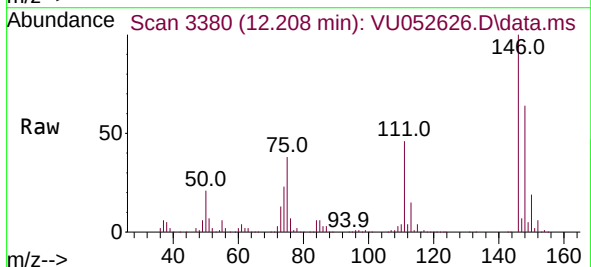
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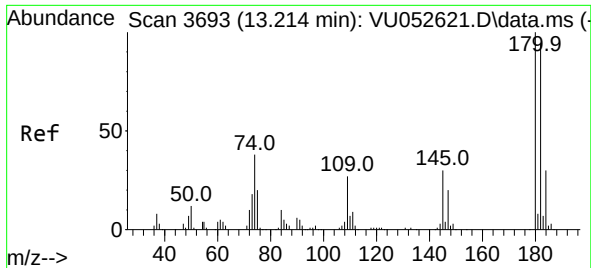
Tgt Ion:146 Resp: 427702
Ion Ratio Lower Upper
146 100
111 42.2 28.6 53.0
148 63.4 44.7 82.9



#67
1,2-Dichlorobenzene
Concen: 126.842 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU052626.D
Acq: 06 Jan 2023 14:33

Tgt Ion:146 Resp: 559882
Ion Ratio Lower Upper
146 100
111 45.6 35.7 53.5
148 63.6 51.4 77.0





#69

1,3,5-Trichlorobenzene

Concen: 20.774 ug/L

RT: 13.835 min Scan# 3886

Delta R.T. 0.621 min

Lab File: VU052626.D

Acq: 06 Jan 2023 14:33

Instrument :

MSVOA_U

ClientSampleId :

COLEO

Tgt Ion:180 Resp: 63005

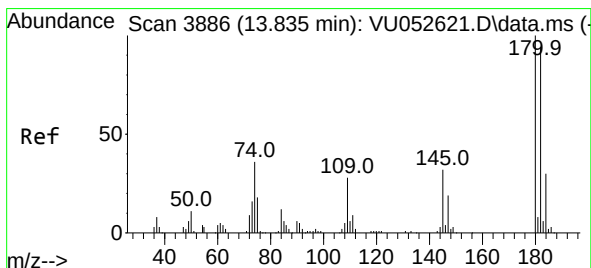
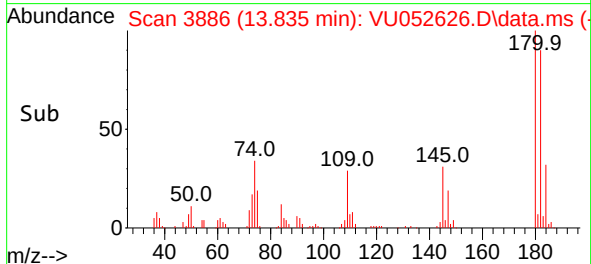
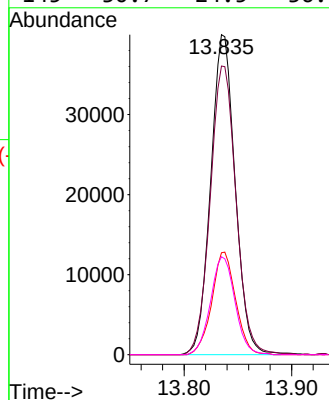
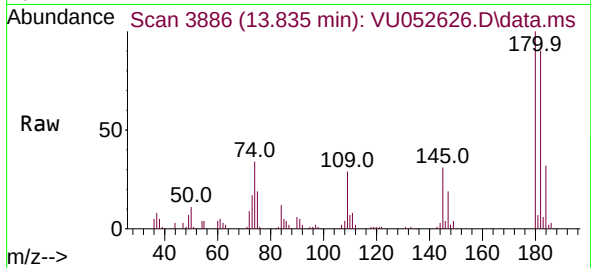
Ion Ratio Lower Upper

180 100

182 95.3 75.9 113.9

184 31.4 23.8 35.8

145 30.7 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 24.417 ug/L

RT: 13.835 min Scan# 3886

Delta R.T. -0.000 min

Lab File: VU052626.D

Acq: 06 Jan 2023 14:33

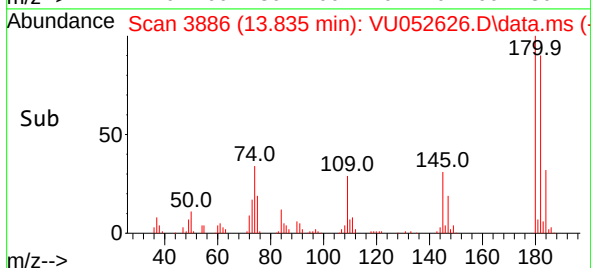
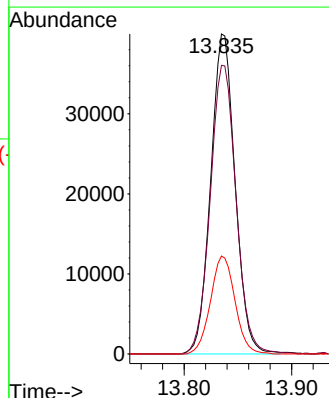
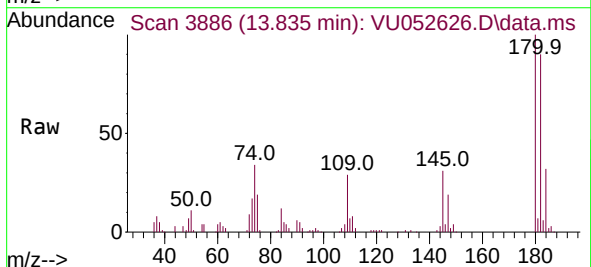
Tgt Ion:180 Resp: 63005

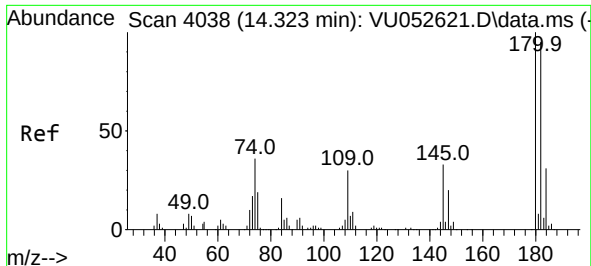
Ion Ratio Lower Upper

180 100

182 95.3 75.4 113.0

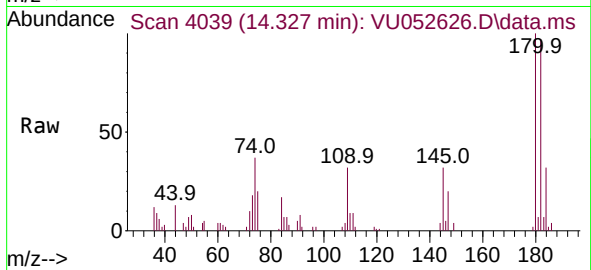
145 30.7 25.0 37.6





#72
 1,2,3-Trichlorobenzene
 Concen: 5.573 ug/L
 RT: 14.327 min Scan# 40
 Delta R.T. 0.004 min
 Lab File: VU052626.D
 Acq: 06 Jan 2023 14:33

Instrument :
 MSVOA_U
 ClientSampleId :
 COLE0



Tgt Ion:180 Resp: 14773
 Ion Ratio Lower Upper
 180 100
 182 93.9 76.4 114.6
 145 33.0 27.0 40.4

