

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010623\
 Data File : VU052627.D
 Acq On : 06 Jan 2023 14:55
 Operator : JC/MD
 Sample : 01036-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COLE1

Quant Time: Jan 07 01:36:04 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)

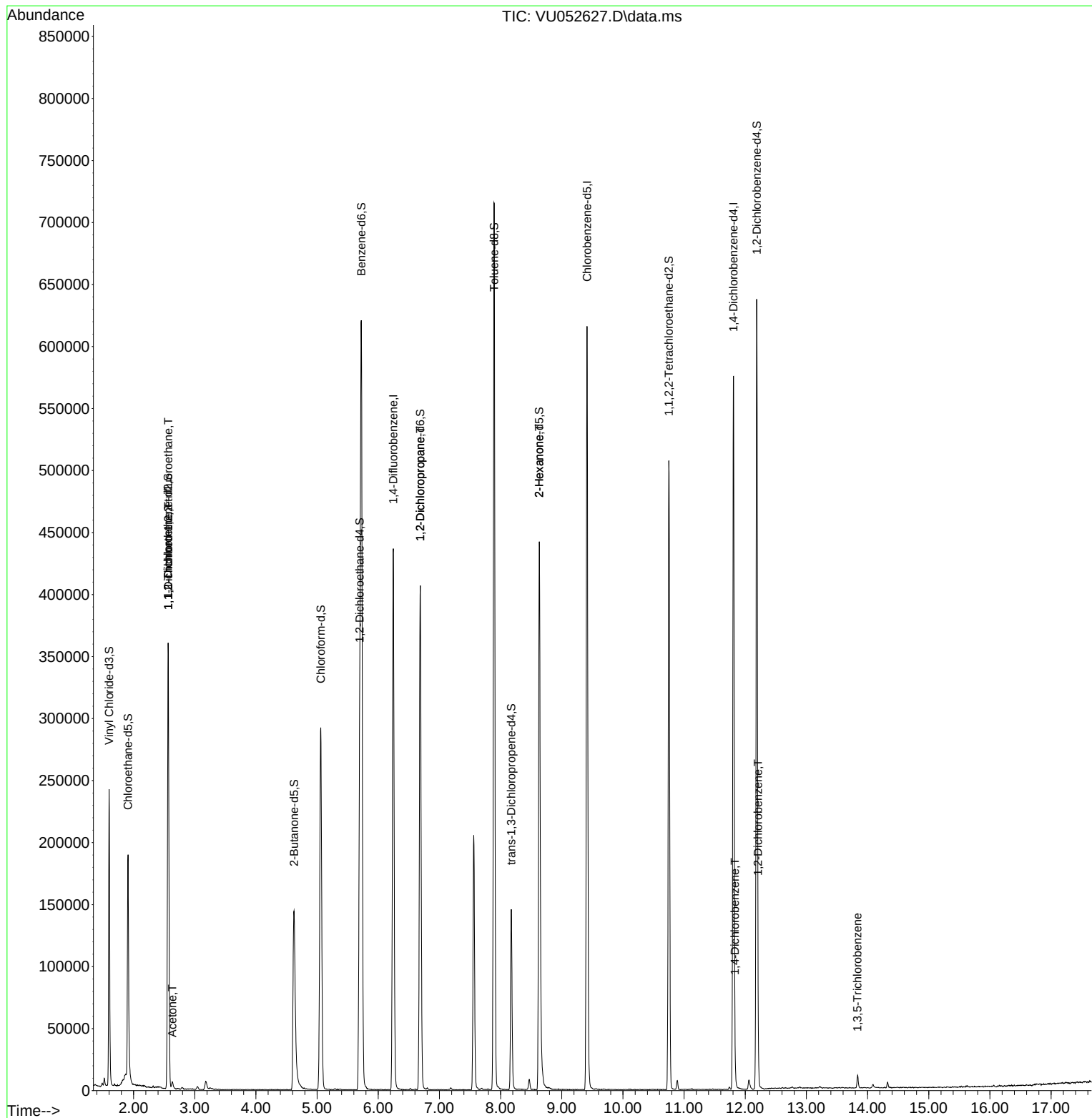
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	326430	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	315215	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	140597	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	176261	47.938	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.880%		
7) Chloroethane-d5	1.909	69	132109	45.923	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.840%		
11) 1,1-Dichloroethene-d2	2.565	63	226169	37.406	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.820%		
21) 2-Butanone-d5	4.623	46	239312	102.847	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.850%		
24) Chloroform-d	5.060	84	269197	46.578	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.160%		
26) 1,2-Dichloroethane-d4	5.697	65	184354	48.527	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.060%		
32) Benzene-d6	5.722	84	559892	51.357	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.720%		
36) 1,2-Dichloropropane-d6	6.687	67	196302	51.250	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.500%		
41) Toluene-d8	7.896	98	448861	48.557	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.120%		
43) trans-1,3-Dichloroprop...	8.176	79	79811	47.955	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.920%		
47) 2-Hexanone-d5	8.632	63	148170	109.784	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	109.780%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	253683	50.277	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.560%		
66) 1,2-Dichlorobenzene-d4	12.188	152	152476	56.483	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	112.960%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1735	0.698	ug/L #	23
12) 1,1-Dichloroethene	2.568	96	1696	0.739	ug/L #	1
13) Acetone	2.633	43	6847	2.903	ug/L	98
37) 1,2-Dichloropropane	6.687	63	20107	6.187	ug/L #	88
48) 2-Hexanone	8.632	43	19670	5.487	ug/L #	80
65) 1,4-Dichlorobenzene	11.832	146	4657	1.106	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	5918	1.441	ug/L #	90
69) 1,3,5-Trichlorobenzene	13.835	180	3409	1.208	ug/L	93

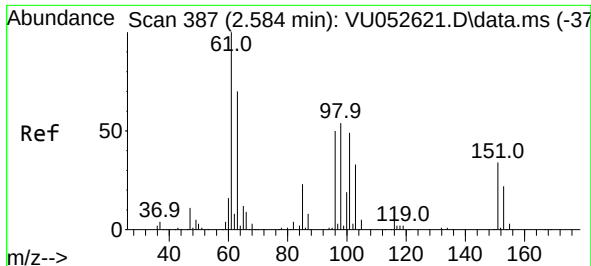
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jan 07 00:30:36 2023
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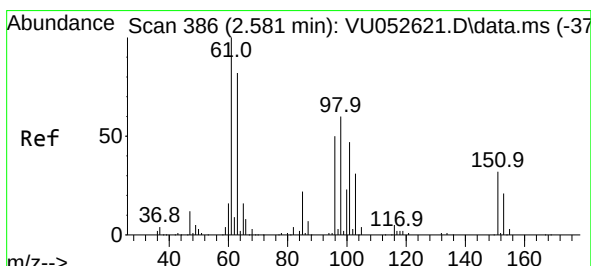
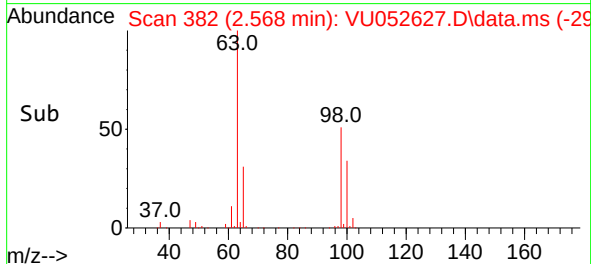
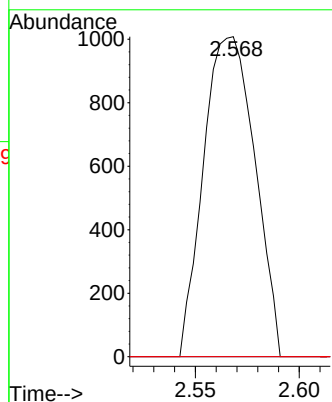
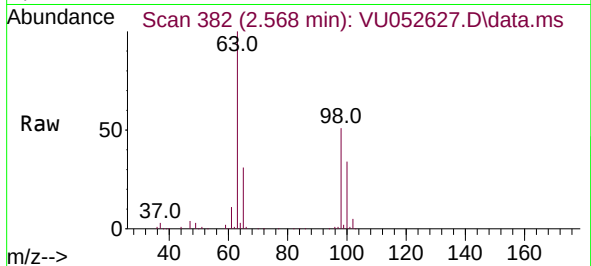




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.698 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU052627.D
 Acq: 06 Jan 2023 14:55

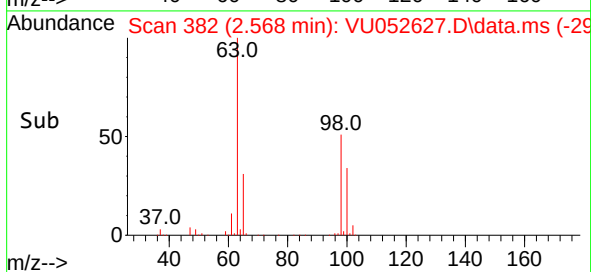
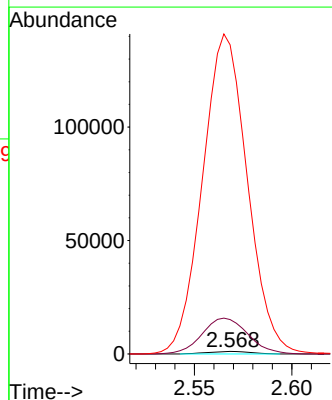
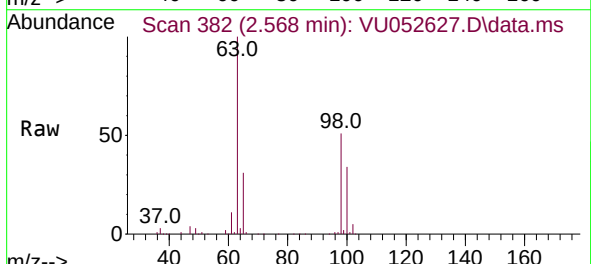
Instrument :
 MSVOA_U
 ClientSampleId :
 COLE1

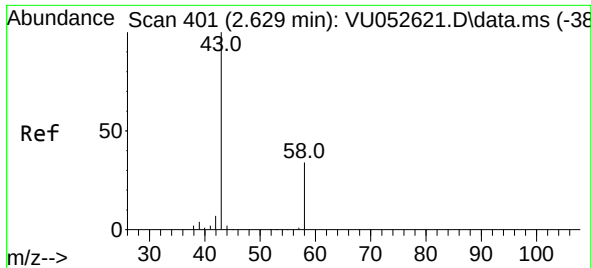
Tgt Ion:101 Resp: 1735
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.8 53.6#
 151 0.0 53.2 79.8#



#12
 1,1-Dichloroethene
 Concen: 0.739 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU052627.D
 Acq: 06 Jan 2023 14:55

Tgt Ion: 96 Resp: 1696
 Ion Ratio Lower Upper
 96 100
 61 1365.6 140.8 261.6#
 63 12264.3 122.6 227.6#





#13

Acetone

Concen: 2.903 ug/L

RT: 2.633 min Scan# 401

Delta R.T. 0.004 min

Lab File: VU052627.D

Acq: 06 Jan 2023 14:55

Instrument :

MSVOA_U

ClientSampleId :

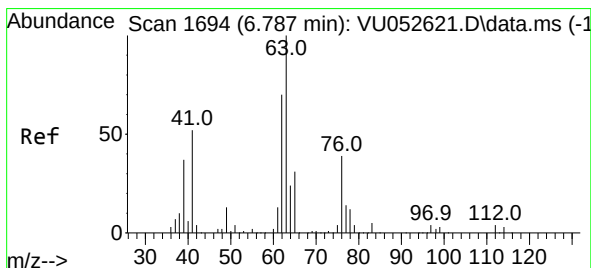
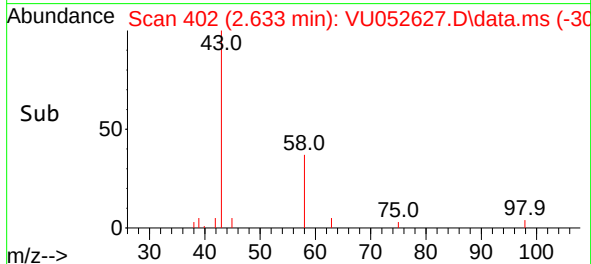
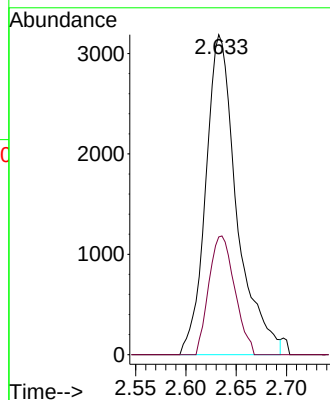
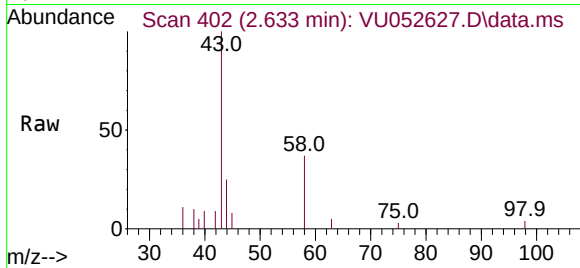
COLE1

Tgt Ion: 43 Resp: 6847

Ion Ratio Lower Upper

43 100

58 30.8 0.0 64.4



#37

1,2-Dichloropropane

Concen: 6.187 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU052627.D

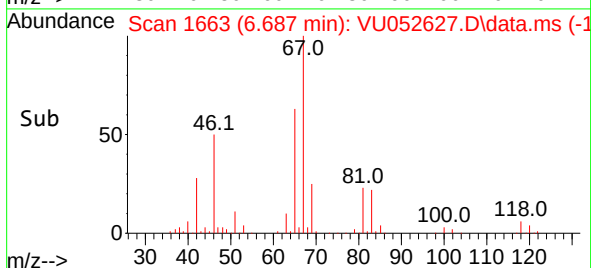
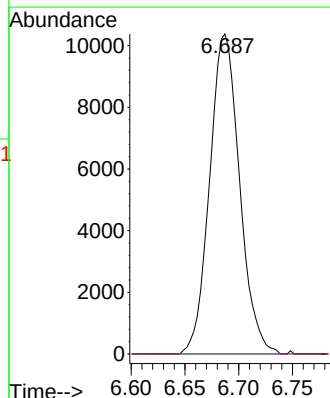
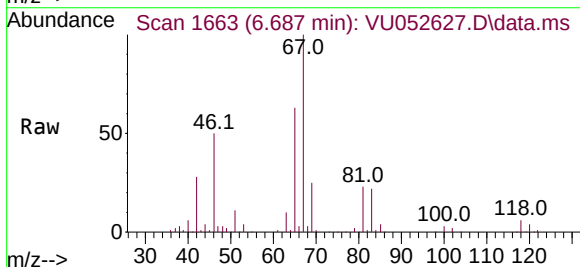
Acq: 06 Jan 2023 14:55

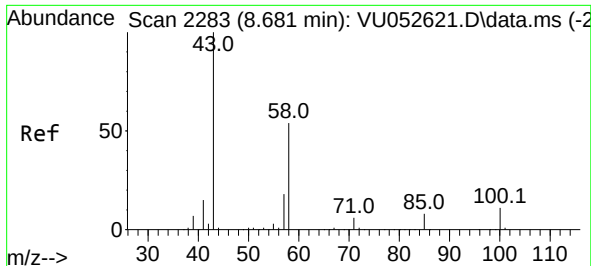
Tgt Ion: 63 Resp: 20107

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#

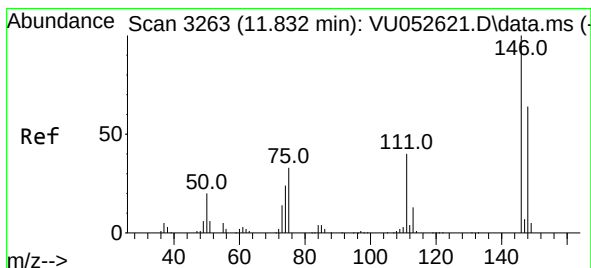
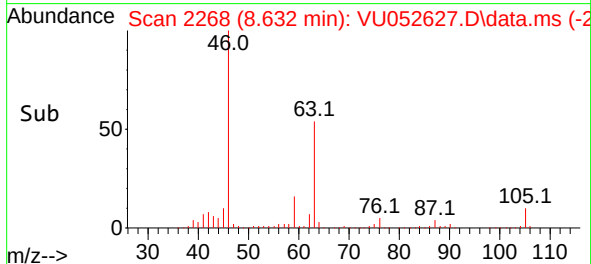
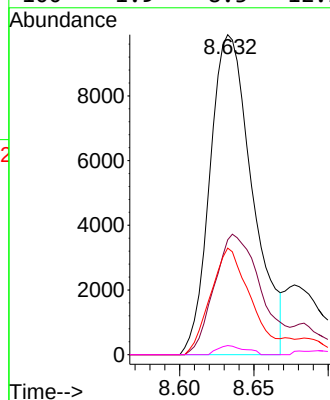
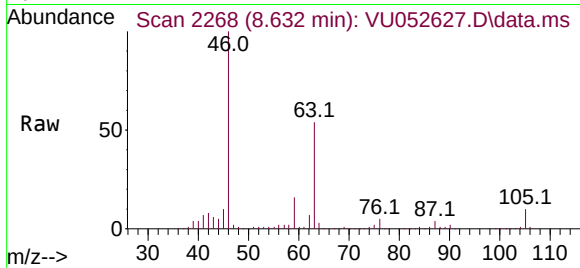




#48
2-Hexanone
Concen: 5.487 ug/L
RT: 8.632 min Scan# 21
Delta R.T. -0.049 min
Lab File: VU052627.D
Acq: 06 Jan 2023 14:55

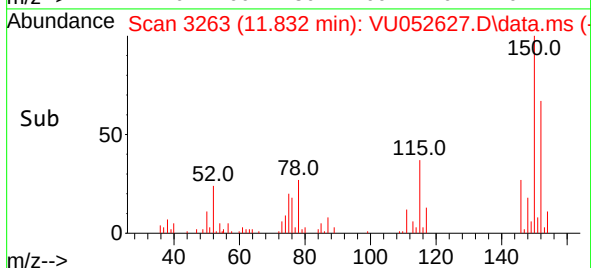
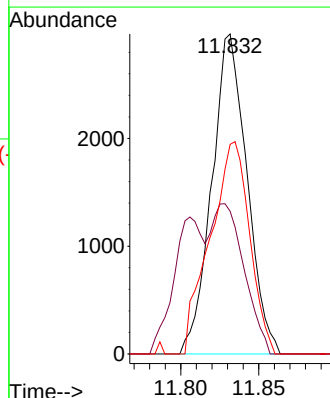
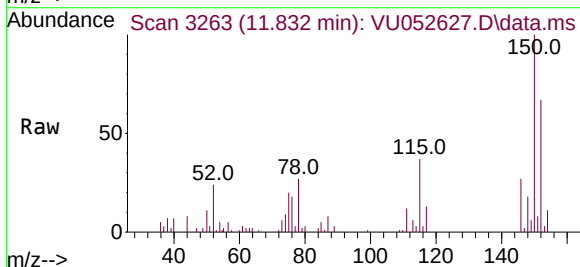
Instrument :
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COLE1

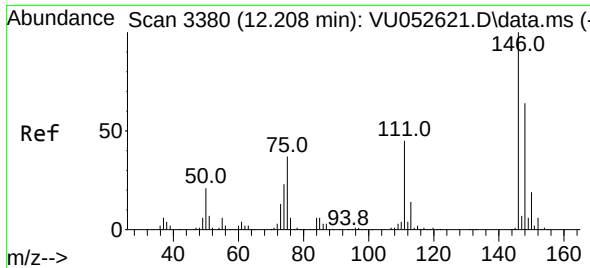
Tgt Ion: 43	Resp: 19670
Ion Ratio	Lower Upper
43 100	
58 41.9	42.6 63.8#
57 31.3	14.2 21.4#
100 1.9	8.3 12.5#



#65
1,4-Dichlorobenzene
Concen: 1.106 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU052627.D
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Tgt Ion:146	Resp:	4657	
Ion	Ratio	Lower	Upper
146	100		
111	44.6	28.6	53.0
148	65.5	44.7	82.9

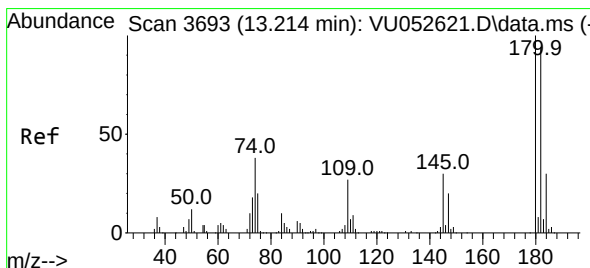
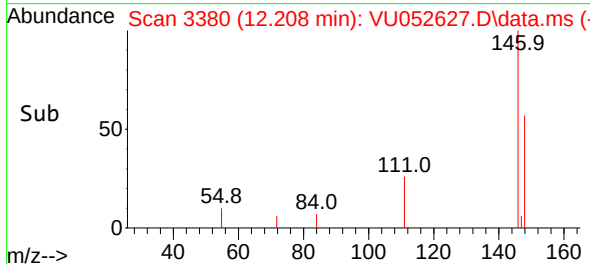
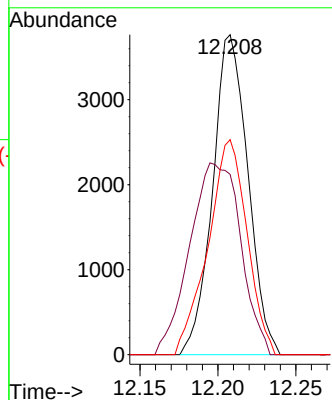
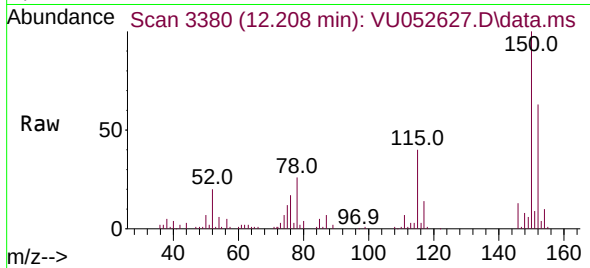




#67
1,2-Dichlorobenzene
Concen: 1.441 ug/L
RT: 12.208 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU052627.D
Acq: 06 Jan 2023 14:55

Instrument :
MSVOA_U
ClientSampleId :
COLE1

Tgt Ion:146 Resp: 5918
Ion Ratio Lower Upper
146 100
111 56.4 35.7 53.5#
148 67.2 51.4 77.0



#69
1,3,5-Trichlorobenzene
Concen: 1.208 ug/L
RT: 13.835 min Scan# 3886
Delta R.T. 0.621 min
Lab File: VU052627.D
Acq: 06 Jan 2023 14:55

Tgt Ion:180 Resp: 3409
Ion Ratio Lower Upper
180 100
182 87.6 75.9 113.9
184 25.9 23.8 35.8
145 27.8 24.5 36.7

