Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013123\
Data File : VU052874.D
Acq On : 31 Jan 2023 12:59
Operator : JC/MD
Sample : 01316-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Feb 01 00:55:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 01 00:53:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	233504	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	208621	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	104958	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	46326	27.564	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 55.120%#			
7) Chloroethane-d5	1.913	69	52807	38.133	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 76.260%			
11) 1,1-Dichloroethene-d2	2.565	63	92184	27.577	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 55.160%#			
21) 2-Butanone-d5	4.629	46	84467	81.357	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 81.360%			
24) Chloroform-d	5.057	84	130736	36.449	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 72.900%			
26) 1,2-Dichloroethane-d4	5.697	65	94893	41.434	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.860%			
32) Benzene-d6	5.723	84	262370	41.164	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.320%			
36) 1,2-Dichloropropane-d6	6.687	67	83268	44.545	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.080%			
41) Toluene-d8	7.896	98	231690	39.920	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 79.840%#			
43) trans-1,3-Dichloroprop...	8.176	79	35369	37.750	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.500%			
47) 2-Hexanone-d5	8.633	63	59551	90.665	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.670%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	118099	42.760	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 85.520%			
66) 1,2-Dichlorobenzene-d4	12.189	152	93556	45.906	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.820%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	4149	1.898	ug/L	98
13) Acetone	2.646	43	3412	2.691	ug/L	65
33) Benzene	5.771	78	39030	5.496	ug/L	100
37) 1,2-Dichloropropane	6.687	63	9809	5.618	ug/L #	87
51) Chlorobenzene	9.446	112	26785	5.349	ug/L	99
61) Isopropylbenzene	10.481	105	19948	2.943	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	12835	3.625	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	6325	1.828	ug/L	94

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 01 00:53:48 2023
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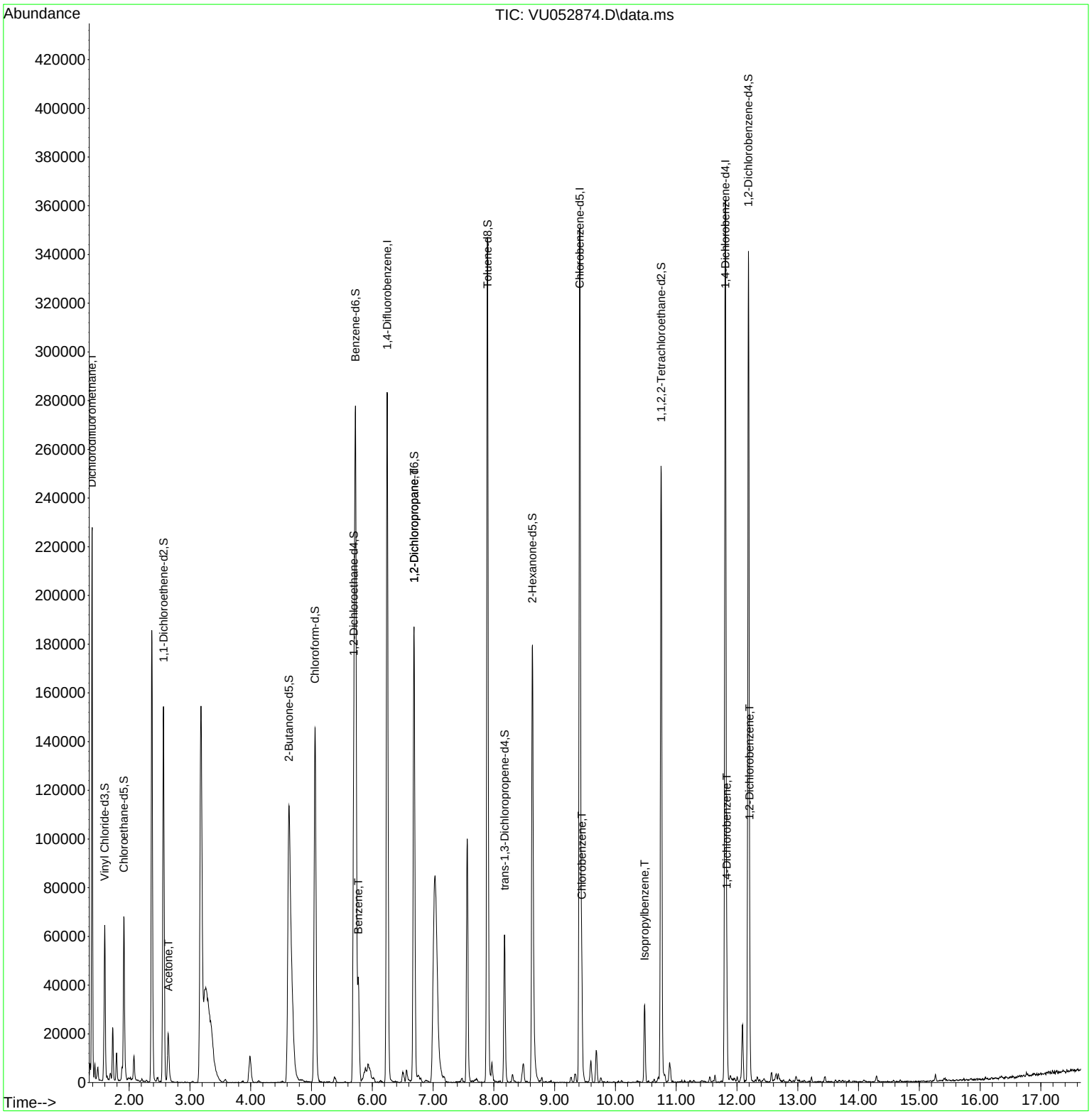
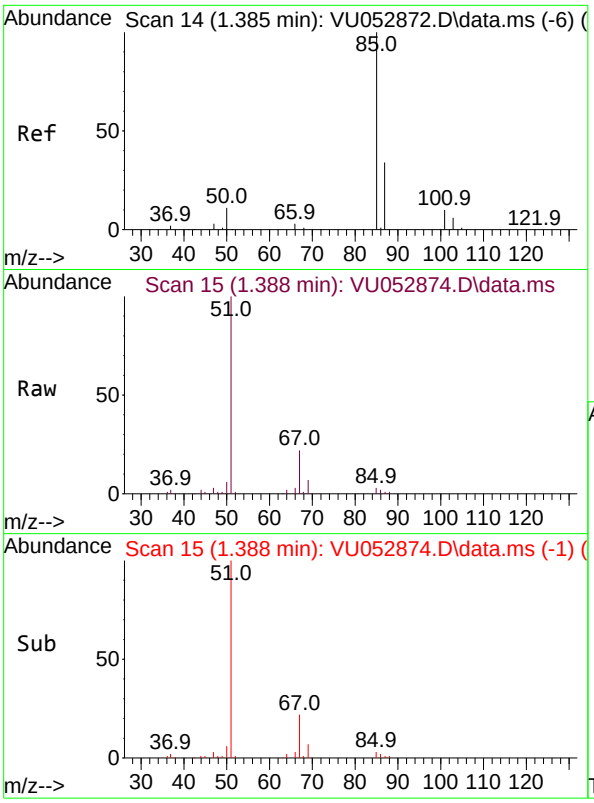


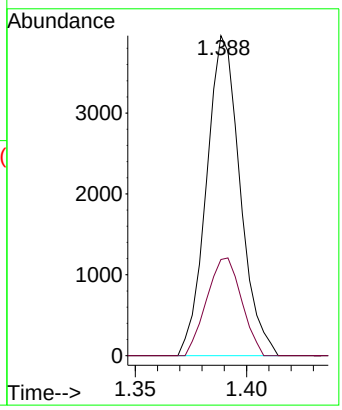


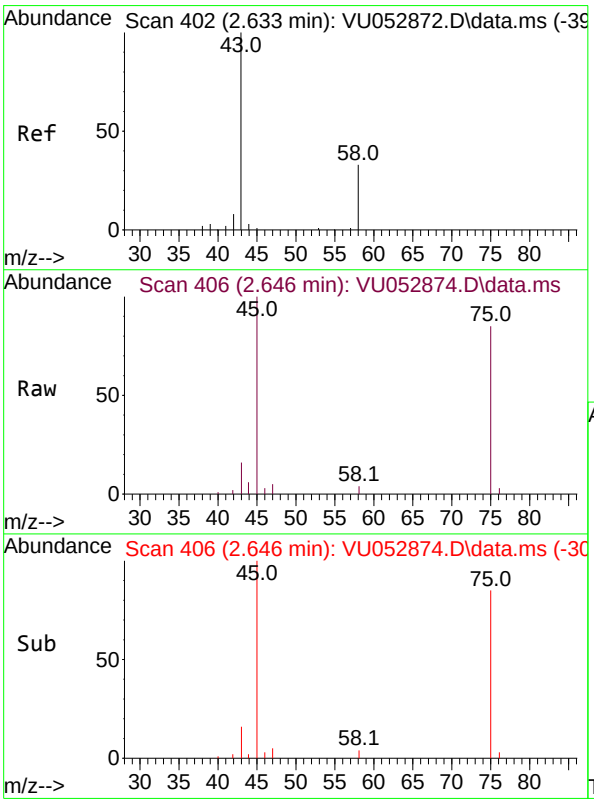
#2
Dichlorodifluoromethane
Concen: 1.898 ug/L
RT: 1.388 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU052874.D
Acq: 31 Jan 2023 12:59

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 85 Resp: 4149

Ion	Ratio	Lower	Upper
85	100		
87	31.6	26.4	39.6

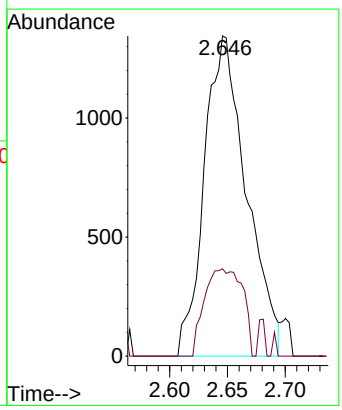


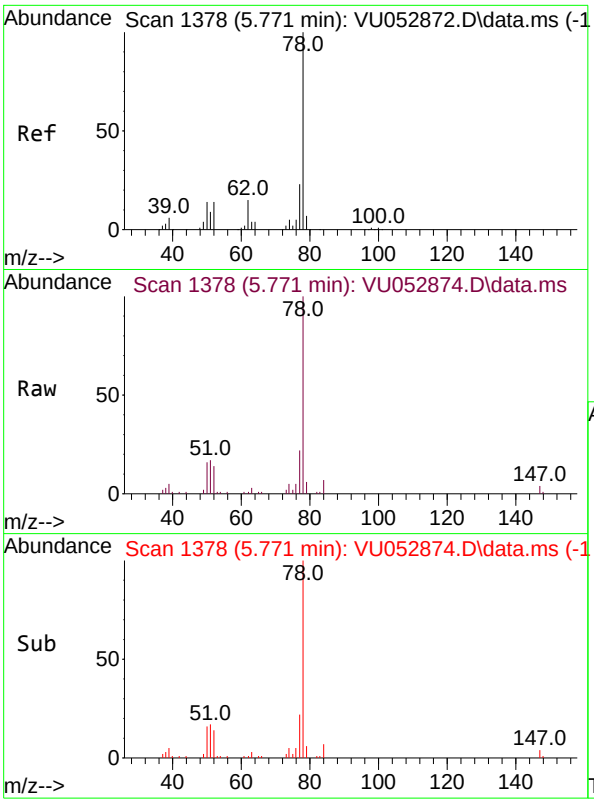


#13
Acetone
Concen: 2.691 ug/L
RT: 2.646 min Scan# 406
Delta R.T. 0.013 min
Lab File: VU052874.D
Acq: 31 Jan 2023 12:59

Tgt Ion: 43 Resp: 3412

Ion	Ratio	Lower	Upper
43	100		
58	14.6	0.0	70.2

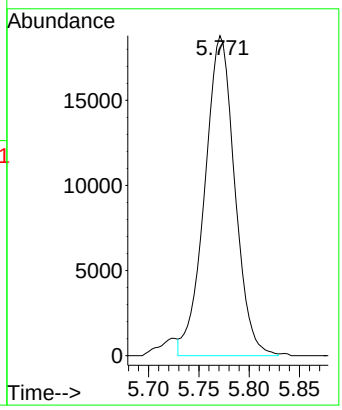


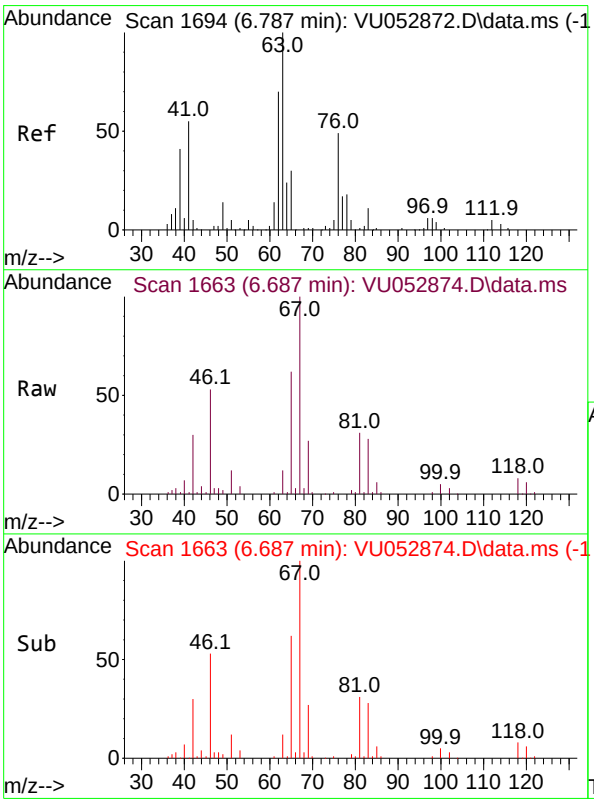


#33
Benzene
Concen: 5.496 ug/L
RT: 5.771 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052874.D
Acq: 31 Jan 2023 12:59

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 78 Resp: 39030

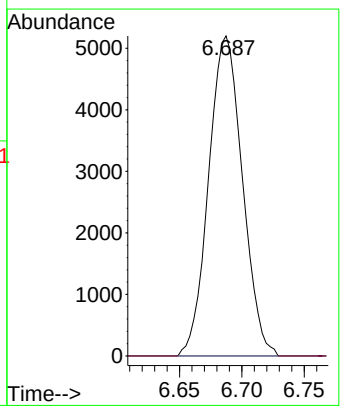


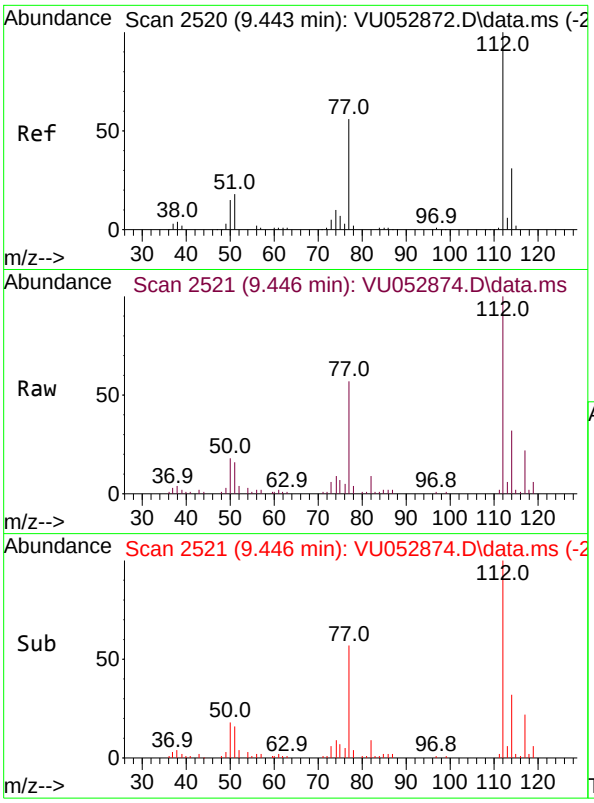


#37
1,2-Dichloropropane
Concen: 5.618 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.099 min
Lab File: VU052874.D
Acq: 31 Jan 2023 12:59

Tgt Ion: 63 Resp: 9809

Ion	Ratio	Lower	Upper
63	100		
112	0.7	3.8	5.8#



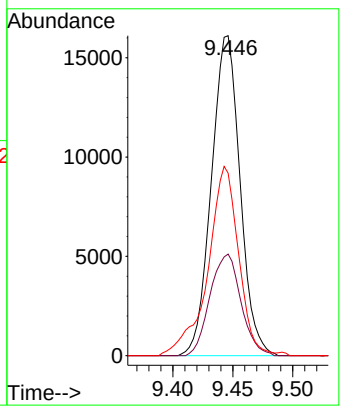


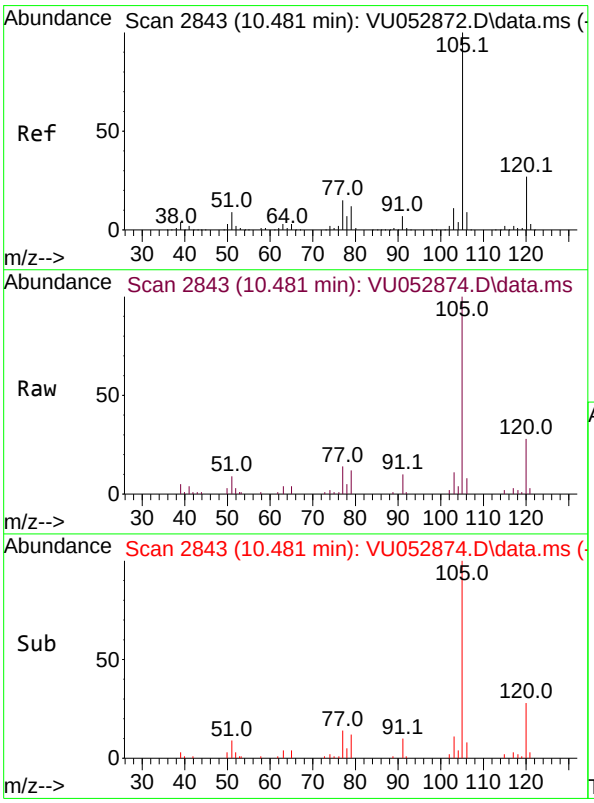
#51
Chlorobenzene
Concen: 5.349 ug/L
RT: 9.446 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU052874.D
Acq: 31 Jan 2023 12:59

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:112 Resp: 26785

Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.8	42.4
77	57.1	45.9	68.9

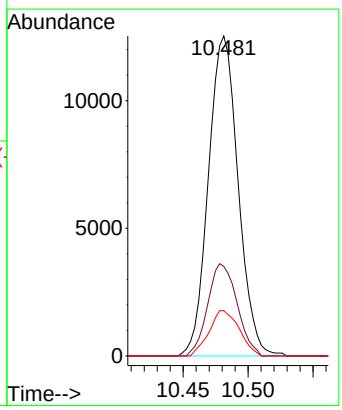


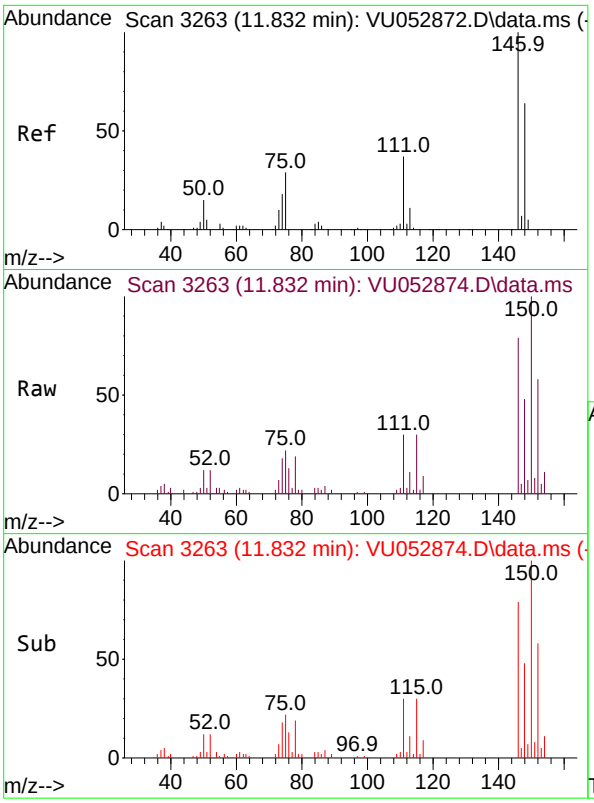


#61
Isopropylbenzene
Concen: 2.943 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU052874.D
Acq: 31 Jan 2023 12:59

Tgt Ion:105 Resp: 19948

Ion	Ratio	Lower	Upper
105	100		
120	28.4	21.4	32.2
77	14.4	12.2	18.2



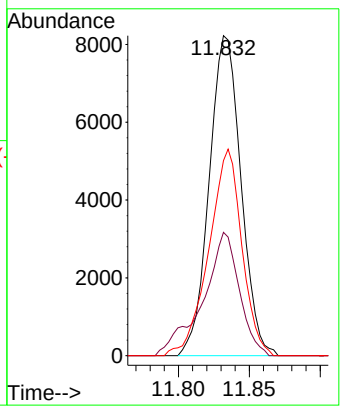


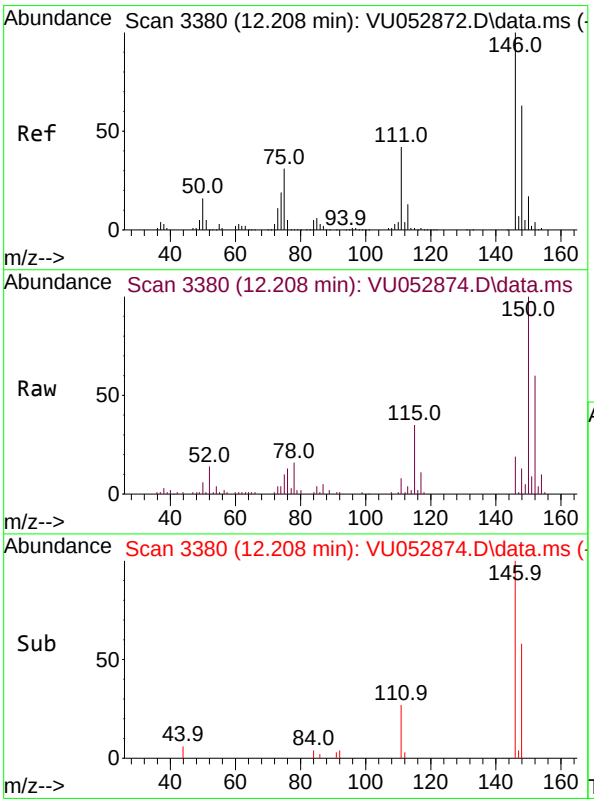
#65
1,4-Dichlorobenzene
Concen: 3.625 ug/L
RT: 11.832 min Scan# 3
Delta R.T. 0.000 min
Lab File: VU052874.D
Acq: 31 Jan 2023 12:59

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 12835

Ion	Ratio	Lower	Upper
146	100		
111	38.6	26.7	49.7
148	60.9	45.6	84.6





#67
1,2-Dichlorobenzene
Concen: 1.828 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. 0.000 min
Lab File: VU052874.D
Acq: 31 Jan 2023 12:59

Tgt Ion:146 Resp: 6325

Ion	Ratio	Lower	Upper
146	100		
111	42.8	33.2	49.8
148	69.6	50.2	75.4