Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032123\
Data File : VU053315.D
Acq On : 21 Mar 2023 11:39
Operator : JC/MD
Sample : VU0321WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK055

Quant Time: Mar 22 03:09:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 22 03:08:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	6.243	114	117052	50.000 ug/L	0.00
28) Chlorobenzene-d5	9.414	117	106931	50.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	46384	50.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.597	65	47199	43.708 ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 87.420%		
7) Chloroethane-d5	1.912	69	44366	50.792 ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.580%		
11) 1,1-Dichloroethene-d2	2.565	63	61086	32.654 ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.300%		
21) 2-Butanone-d5	4.623	46	53663	107.144 ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.140%		
24) Chloroform-d	5.057	84	79119	44.484 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.960%		
26) 1,2-Dichloroethane-d4	5.697	65	54507	49.346 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.700%		
32) Benzene-d6	5.723	84	165845	47.817 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.640%		
36) 1,2-Dichloropropane-d6	6.684	67	55055	49.183 ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.360%		
41) Toluene-d8	7.893	98	151793	47.007 ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.020%		
43) trans-1,3-Dichloroprop...	8.176	79	25551	46.264 ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.520%		
47) 2-Hexanone-d5	8.626	63	36216	103.485 ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.490%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	73344	50.579 ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.160%		
66) 1,2-Dichlorobenzene-d4	12.189	152	46611	51.898 ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.800%		
Target Compounds					Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	583	0.627 ug/L #	22
33) Benzene	5.771	78	4590	1.238 ug/L	100
35) Methylcyclohexane	6.684	83	11791	6.959 ug/L #	21
37) 1,2-Dichloropropane	6.684	63	6089	5.887 ug/L #	90
44) trans-1,3-Dichloropropene	8.176	75	1336	0.860 ug/L	90

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

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VBLK055

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Quant Title : VOC Analysis
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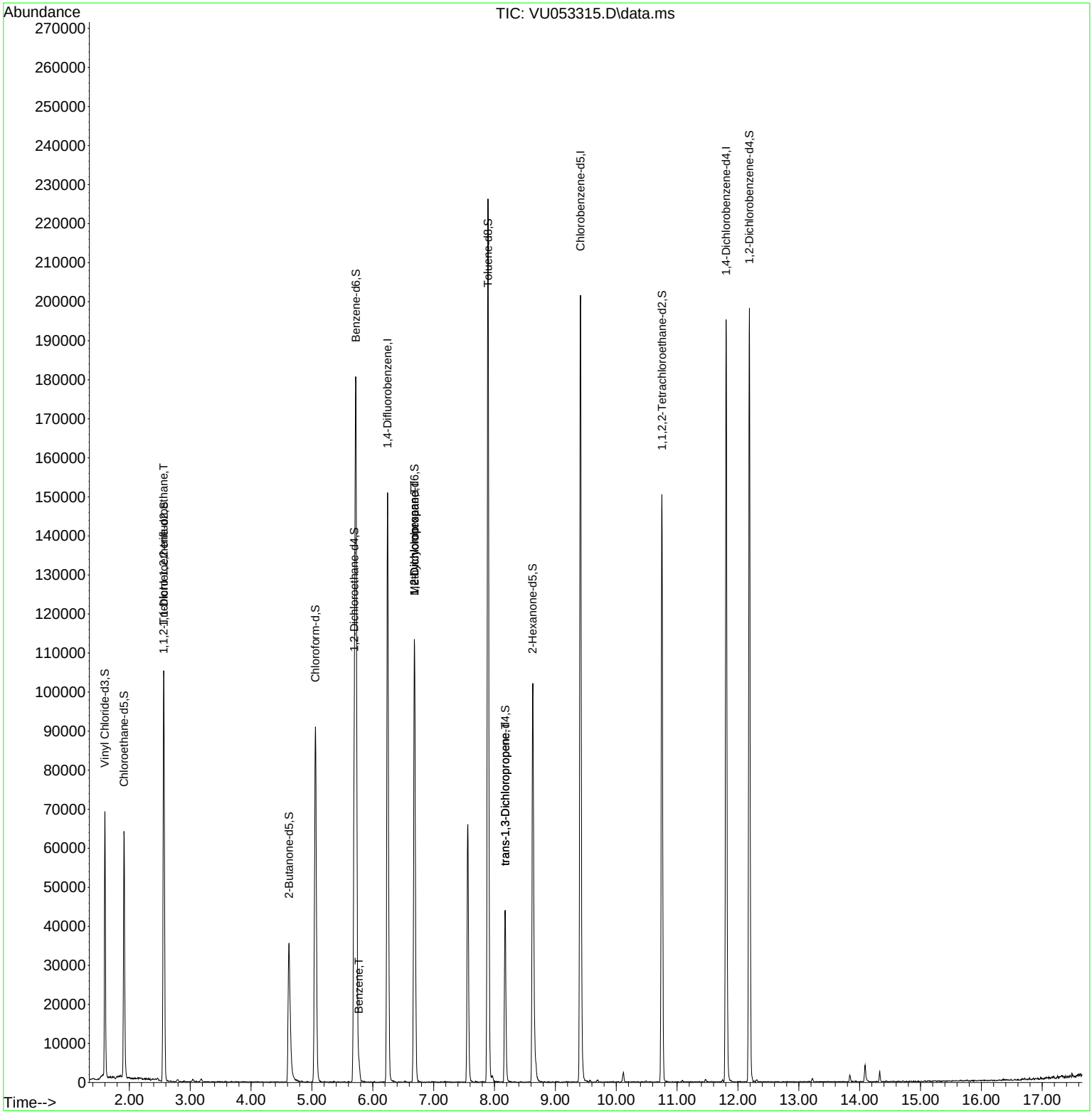
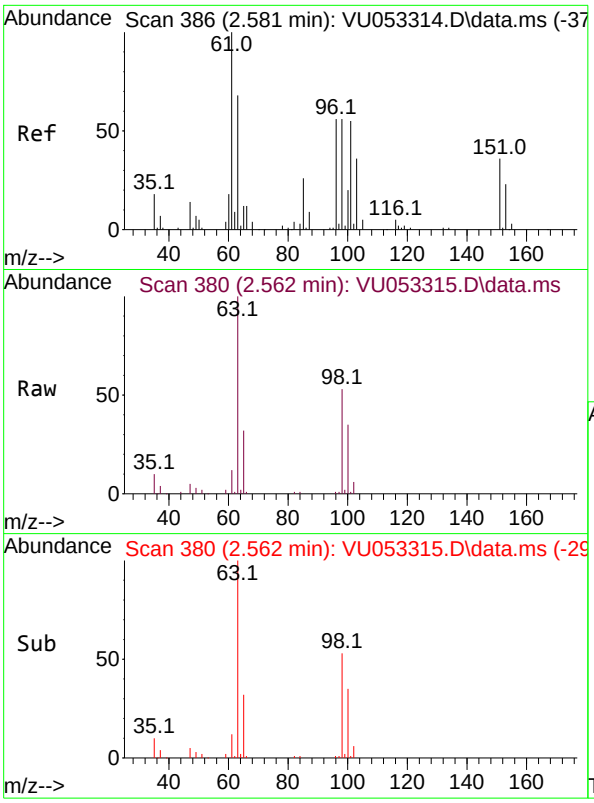


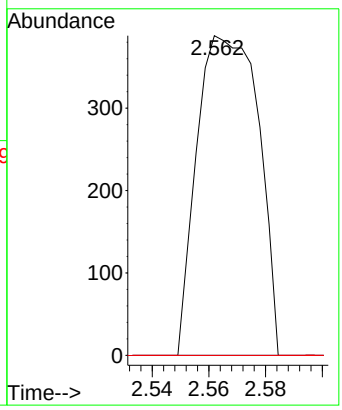


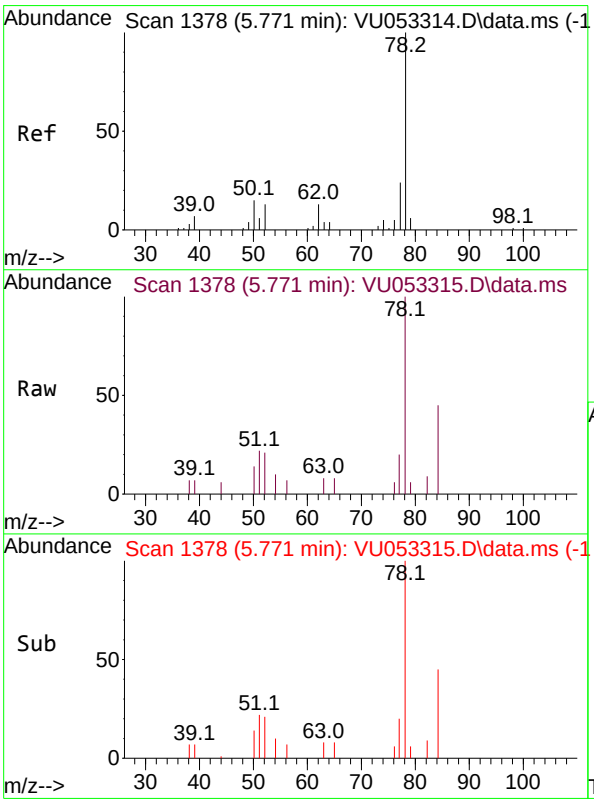
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.627 ug/L
RT: 2.562 min Scan# 3
Delta R.T. -0.019 min
Lab File: VU053315.D
Acq: 21 Mar 2023 11:39

Instrument :
MSVOA_U
ClientSampleId :
VBLK055

Tgt Ion:101 Resp: 583

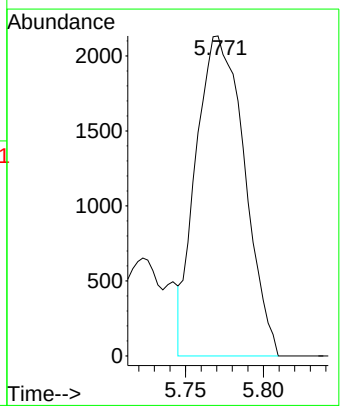
Ion	Ratio	Lower	Upper
101	100		
85	0.0	37.0	55.6#
151	0.0	52.9	79.3#

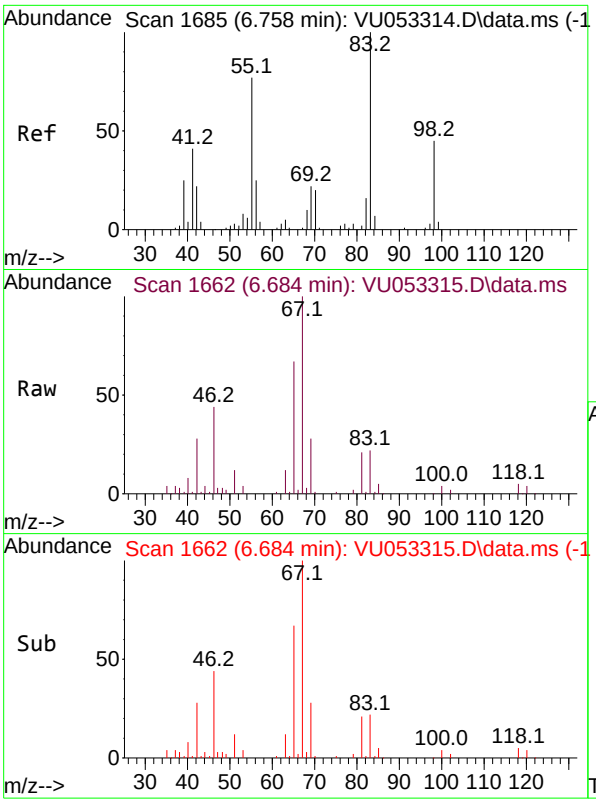




#33
Benzene
Concen: 1.238 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU053315.D
Acq: 21 Mar 2023 11:39

Tgt Ion: 78 Resp: 4590



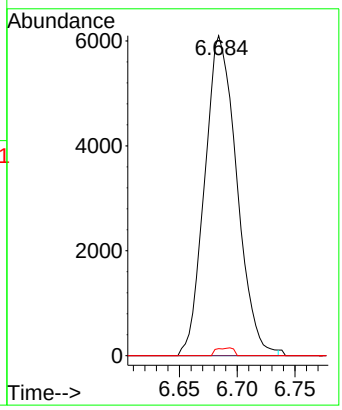


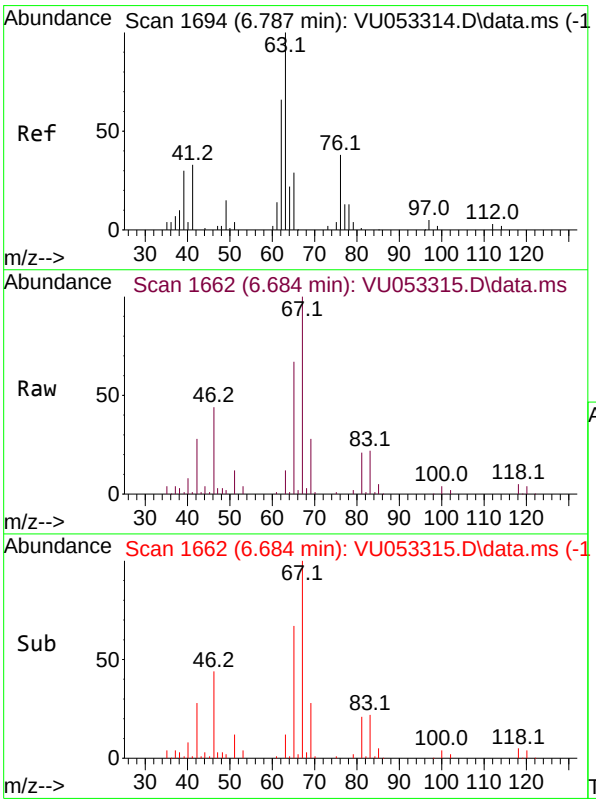
#35
Methylcyclohexane
Concen: 6.959 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU053315.D
Acq: 21 Mar 2023 11:39

Instrument :
MSVOA_U
ClientSampleId :
VBLK055

Tgt Ion: 83 Resp: 11791

Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.2	87.4#
98	0.6	35.4	53.2#

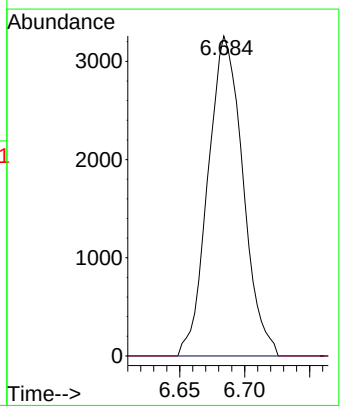


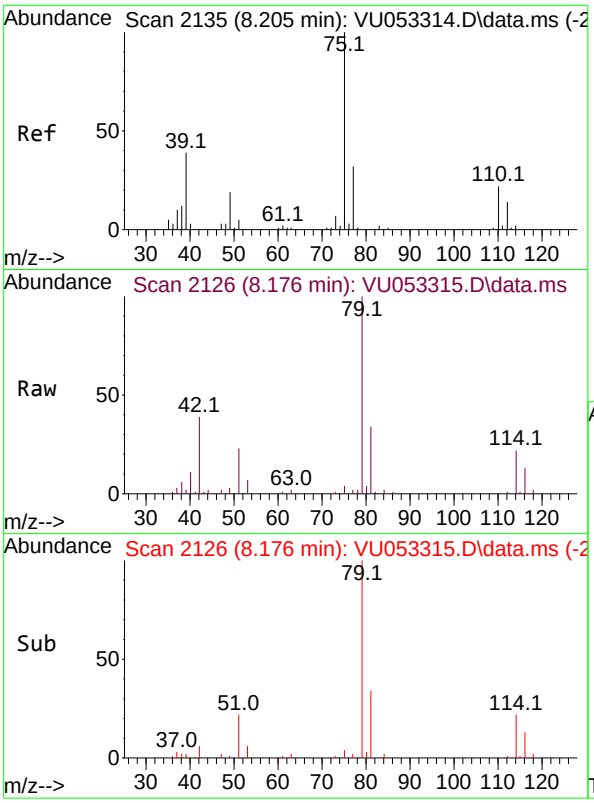


#37
1,2-Dichloropropane
Concen: 5.887 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.103 min
Lab File: VU053315.D
Acq: 21 Mar 2023 11:39

Tgt Ion: 63 Resp: 6089

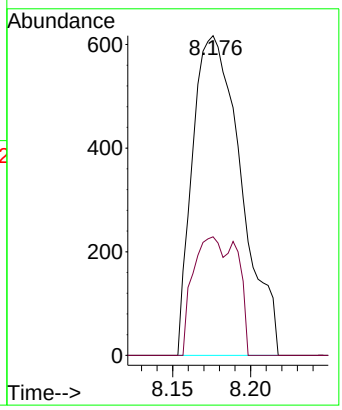
Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	3.8#





#44
trans-1,3-Dichloropropene
Concen: 0.860 ug/L
RT: 8.176 min Scan# 2
Delta R.T. -0.029 min
Lab File: VU053315.D
Acq: 21 Mar 2023 11:39

Instrument :
MSVOA_U
ClientSampleId :
VBLK055

Tgt Ion: 75 Resp: 1336

Ion	Ratio	Lower	Upper
75	100		
77	37.1	22.0	40.8