Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032023\
Data File : VU053303.D
Acq On : 20 Mar 2023 13:27
Operator : JC/MD
Sample : 01956-04DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287DL

Quant Time: Mar 21 01:29:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 21 01:25:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	116181	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	106626	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	51365	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	38967	36.355	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 72.720%			
7) Chloroethane-d5	1.915	69	34253	39.508	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 79.020%			
11) 1,1-Dichloroethene-d2	2.565	63	54688	29.454	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 58.900%#			
21) 2-Butanone-d5	4.613	46	51569	103.735	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.740%			
24) Chloroform-d	5.057	84	77215	43.739	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.480%			
26) 1,2-Dichloroethane-d4	5.697	65	52243	47.651	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.300%			
32) Benzene-d6	5.722	84	162410	46.960	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.920%			
36) 1,2-Dichloropropane-d6	6.684	67	54830	49.122	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.240%			
41) Toluene-d8	7.893	98	145549	45.203	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.400%			
43) trans-1,3-Dichloroprop...	8.176	79	25058	45.501	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.000%			
47) 2-Hexanone-d5	8.626	63	38219	109.521	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.520%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	73480	50.818	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.640%			
66) 1,2-Dichlorobenzene-d4	12.188	152	49934	50.207	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.420%			
Target Compounds						Qvalue
3) Chloromethane	1.633	50	5055	4.524	ug/L	94
27) 1,2-Dichloroethane	5.774	62	5199	3.724	ug/L #	76
29) Cyclohexane	5.385	56	14587	9.181	ug/L	98
33) Benzene	5.771	78	433680	117.318	ug/L	100
35) Methylcyclohexane	6.758	83	9000	5.327	ug/L	96
37) 1,2-Dichloropropane	6.687	63	5570	5.401	ug/L #	90
42) Toluene	7.967	91	12683	3.191	ug/L	97
51) Chlorobenzene	9.443	112	144408	58.302	ug/L	99
52) Ethylbenzene	9.565	91	41005	9.098	ug/L	98
53) m,p-Xylene	9.690	106	15534	9.235	ug/L	97
61) Isopropylbenzene	10.481	105	6294	1.551	ug/L	98
62) 1,3,5-Trimethylbenzene	11.082	105	9182	2.733	ug/L	95
63) 1,2,4-Trimethylbenzene	11.462	105	15115	4.616	ug/L	98
71) Naphthalene	14.082	128	23547	7.205	ug/L	99

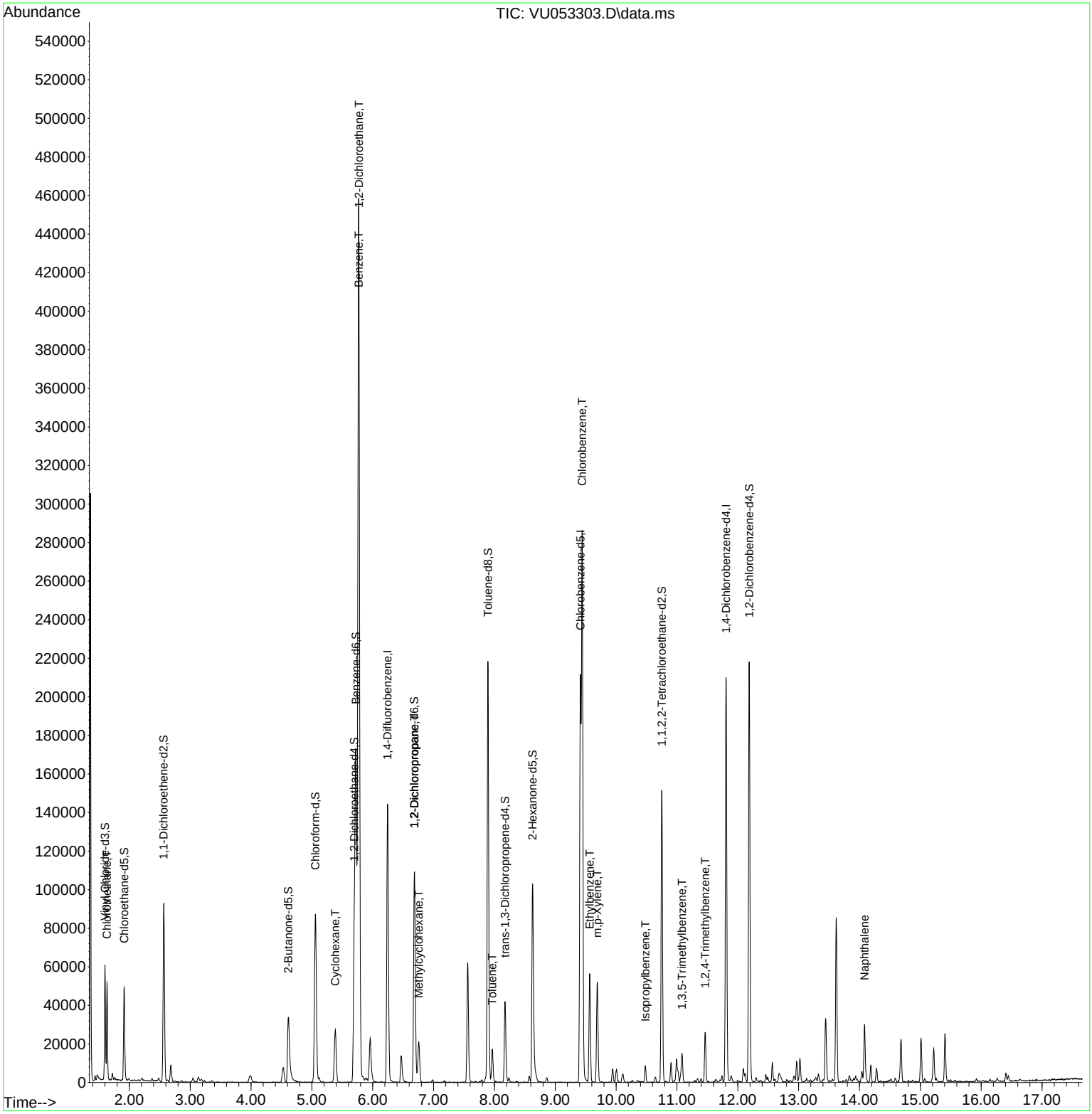
(#) = qualifier out of range (m) = manual integration (+) = signals summed

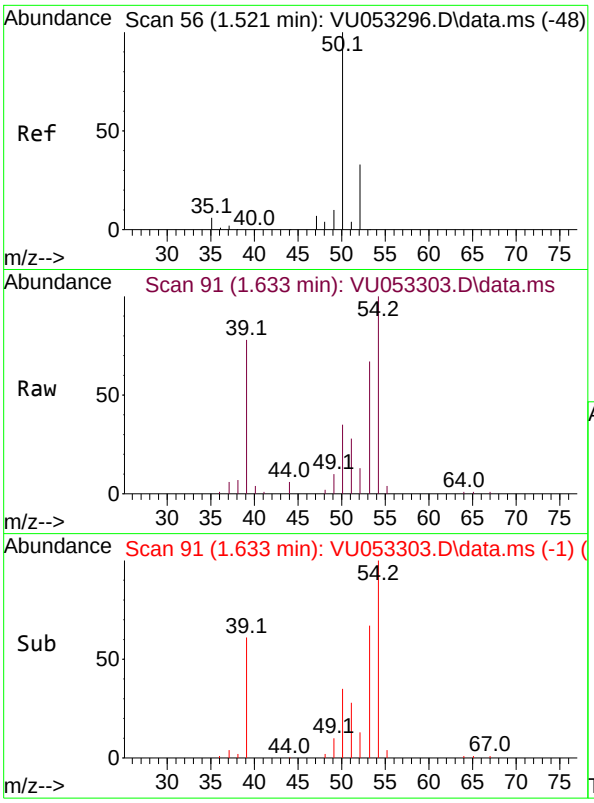
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032023\
Data File : VU053303.D
Acq On : 20 Mar 2023 13:27
Operator : JC/MD
Sample : 01956-04DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0287DL

Quant Time: Mar 21 01:29:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 21 01:25:41 2023
Response via : Initial Calibration



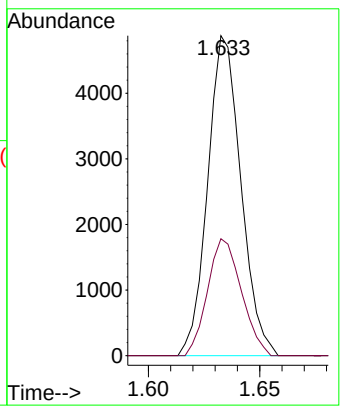


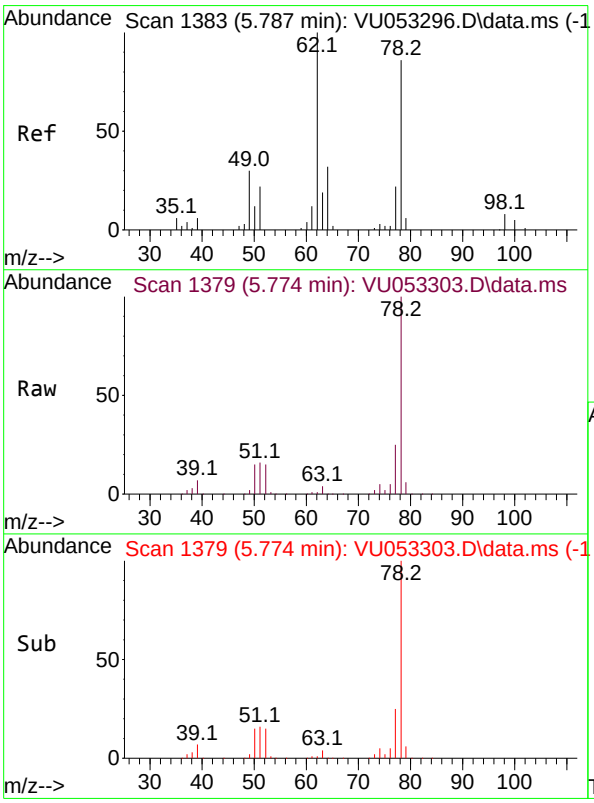
#3
Chloromethane
Concen: 4.524 ug/L
RT: 1.633 min Scan# 9
Delta R.T. 0.112 min
Lab File: VU053303.D
Acq: 20 Mar 2023 13:27

Instrument :
MSVOA_U
ClientSampleId :
E0287DL

Tgt Ion: 50 Resp: 5055

Ion	Ratio	Lower	Upper
50	100		
52	36.5	23.4	43.4

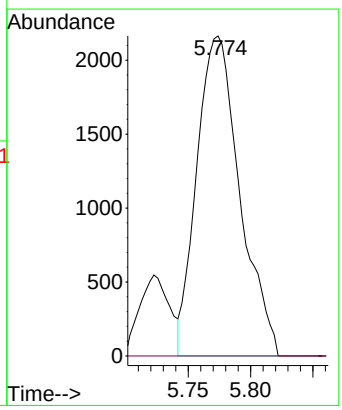


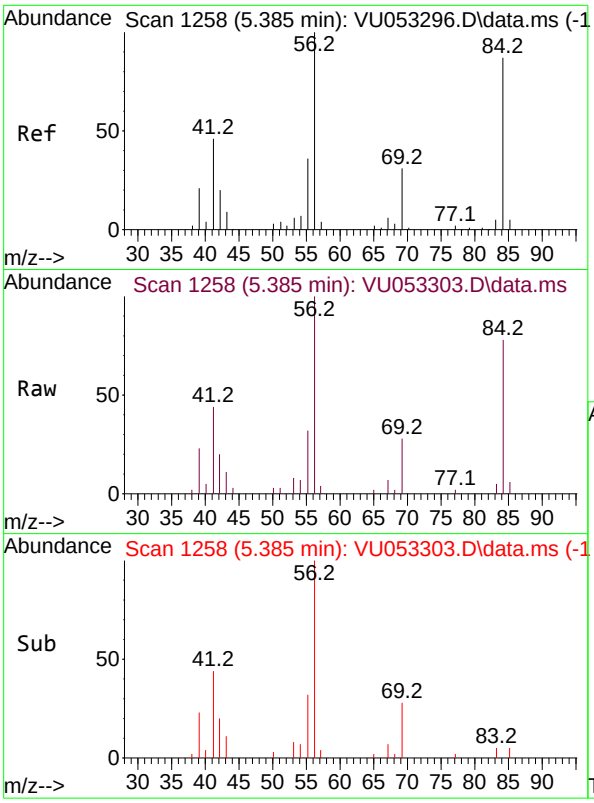


#27
1,2-Dichloroethane
Concen: 3.724 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.013 min
Lab File: VU053303.D
Acq: 20 Mar 2023 13:27

Tgt Ion: 62 Resp: 5199

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.0	10.6#



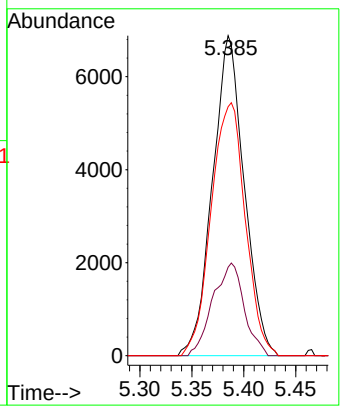


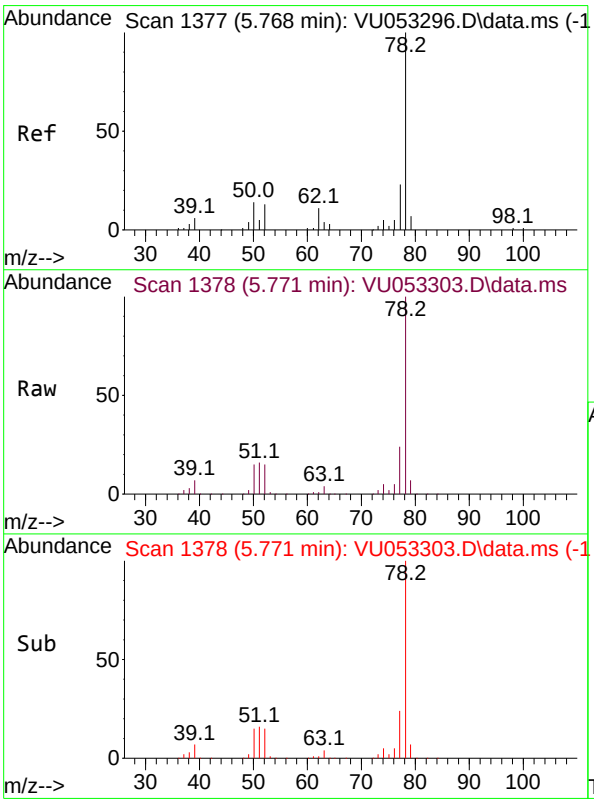
#29
Cyclohexane
Concen: 9.181 ug/L
RT: 5.385 min Scan# 1
Delta R.T. -0.001 min
Lab File: VU053303.D
Acq: 20 Mar 2023 13:27

Instrument :
MSVOA_U
ClientSampleId :
E0287DL

Tgt Ion: 56 Resp: 14587

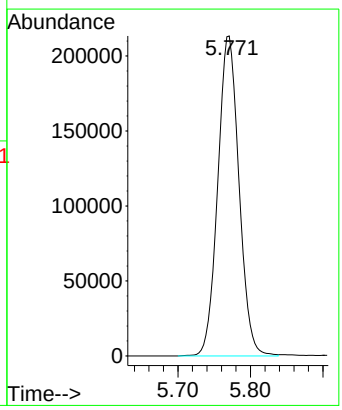
Ion	Ratio	Lower	Upper
56	100		
69	28.6	25.4	38.0
84	85.3	69.0	103.6

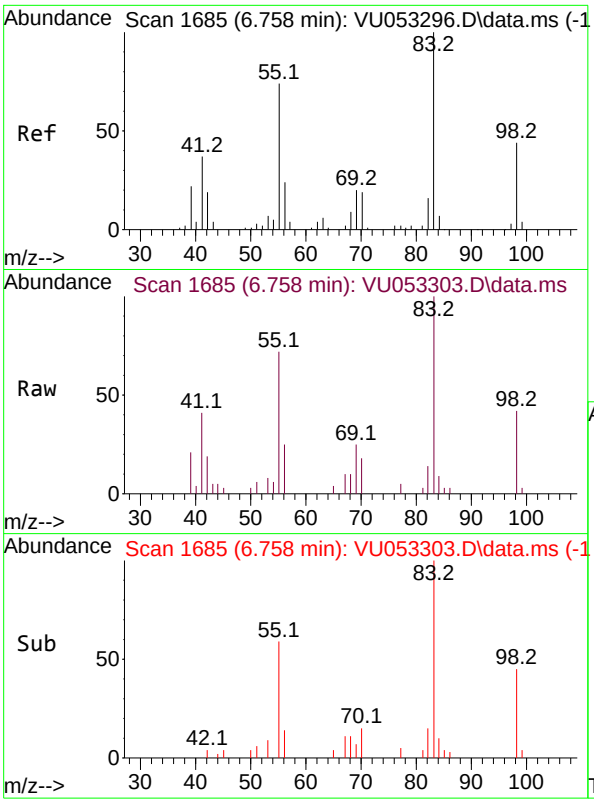




#33
Benzene
Concen: 117.318 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.003 min
Lab File: VU053303.D
Acq: 20 Mar 2023 13:27

Tgt Ion: 78 Resp: 433680



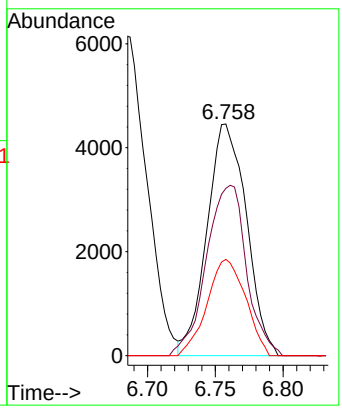


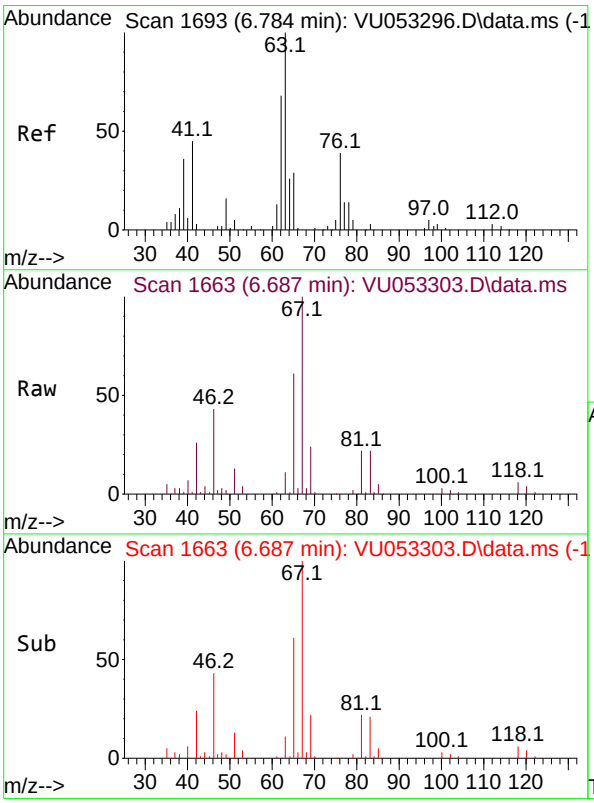
#35
Methylcyclohexane
Concen: 5.327 ug/L
RT: 6.758 min Scan# 1
Delta R.T. -0.001 min
Lab File: VU053303.D
Acq: 20 Mar 2023 13:27

Instrument :
MSVOA_U
ClientSampleId :
E0287DL

Tgt Ion: 83 Resp: 9000

Ion	Ratio	Lower	Upper
83	100		
55	75.0	58.2	87.4
98	40.7	35.4	53.2

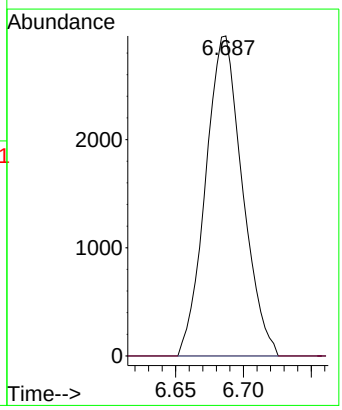


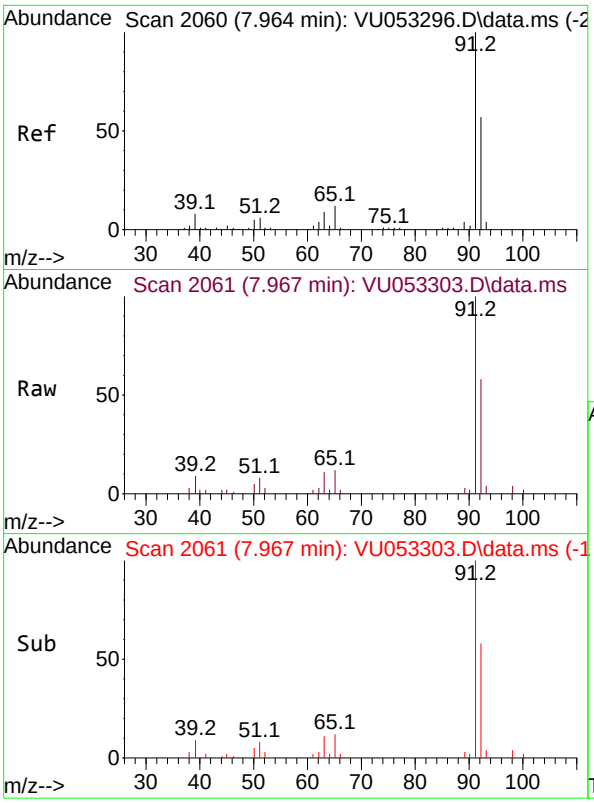


#37
1,2-Dichloropropane
Concen: 5.401 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.097 min
Lab File: VU053303.D
Acq: 20 Mar 2023 13:27

Tgt Ion: 63 Resp: 5570

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	3.8#



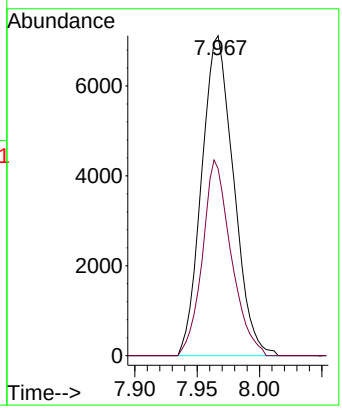


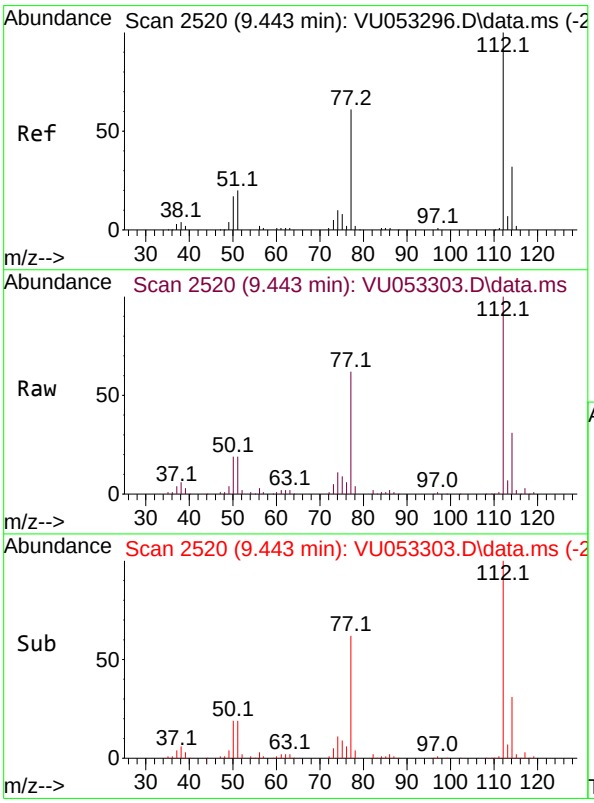
#42
Toluene
Concen: 3.191 ug/L
RT: 7.967 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU053303.D
Acq: 20 Mar 2023 13:27

Instrument :
MSVOA_U
ClientSampleId :
E0287DL

Tgt Ion: 91 Resp: 12683

Ion	Ratio	Lower	Upper
91	100		
92	58.5	39.6	73.6

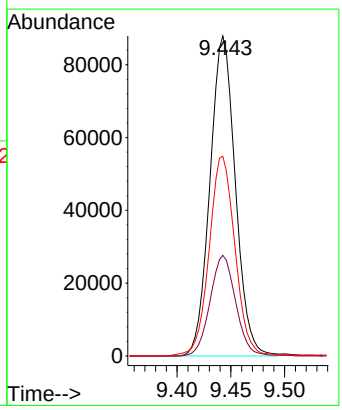


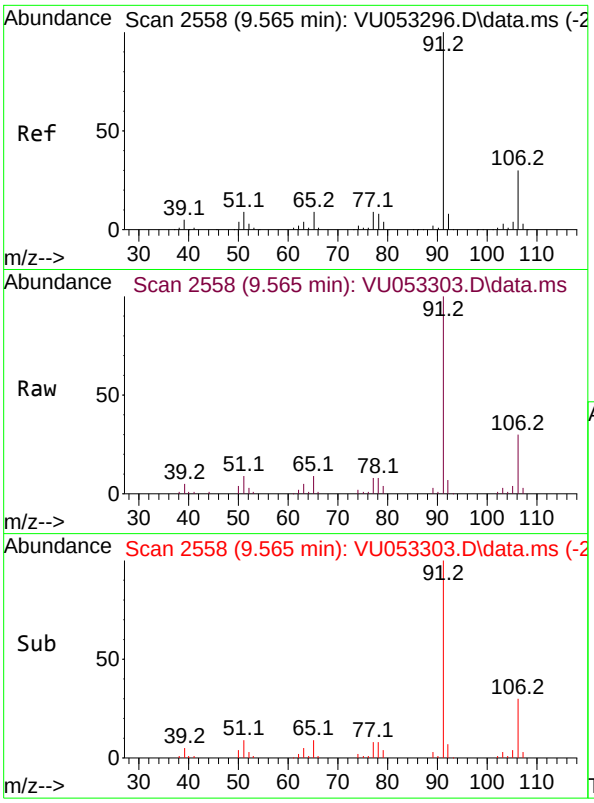


#51
Chlorobenzene
Concen: 58.302 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.001 min
Lab File: VU053303.D
Acq: 20 Mar 2023 13:27

Tgt Ion:112 Resp: 144408

Ion	Ratio	Lower	Upper
112	100		
114	31.4	21.8	40.6
77	62.4	48.8	73.2



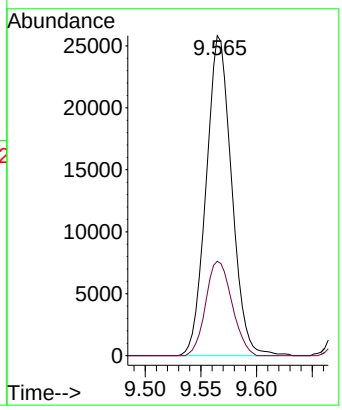


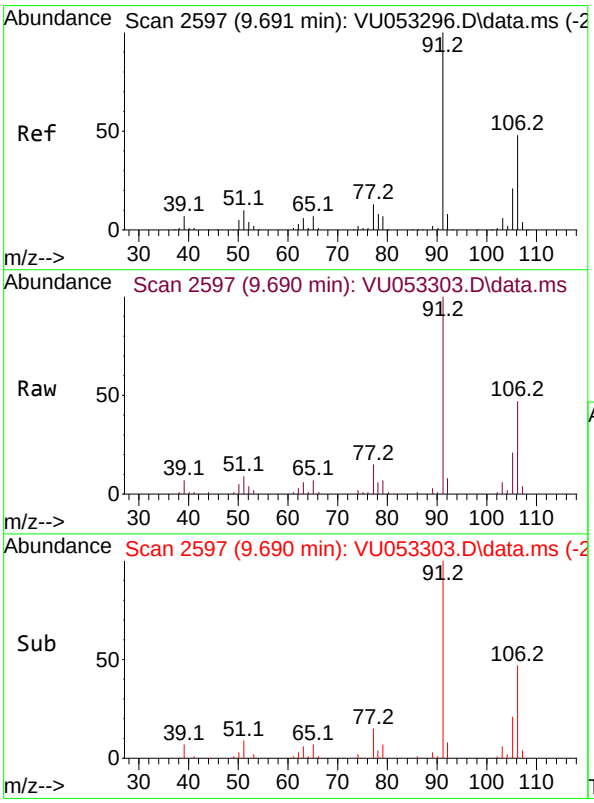
#52
Ethylbenzene
Concen: 9.098 ug/L
RT: 9.565 min Scan# 2
Delta R.T. -0.001 min
Lab File: VU053303.D
Acq: 20 Mar 2023 13:27

Instrument :
MSVOA_U
ClientSampleId :
E0287DL

Tgt Ion: 91 Resp: 41005

Ion	Ratio	Lower	Upper
91	100		
106	29.5	21.6	40.0

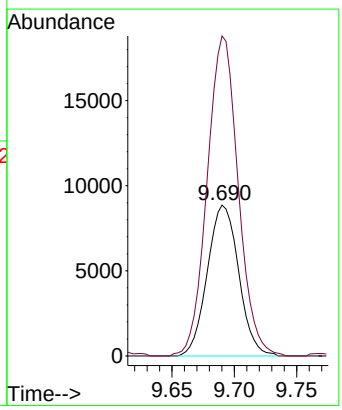


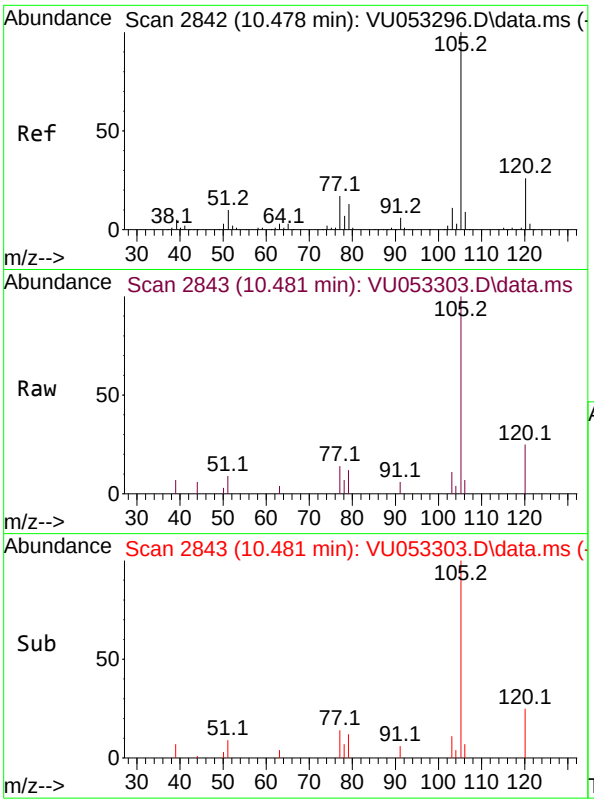


#53
m,p-Xylene
Concen: 9.235 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.001 min
Lab File: VU053303.D
Acq: 20 Mar 2023 13:27

Tgt Ion:106 Resp: 15534

Ion	Ratio	Lower	Upper
106	100		
91	212.0	145.3	269.8



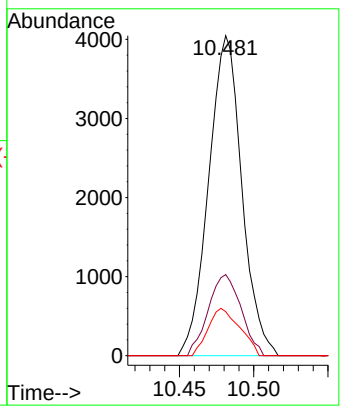


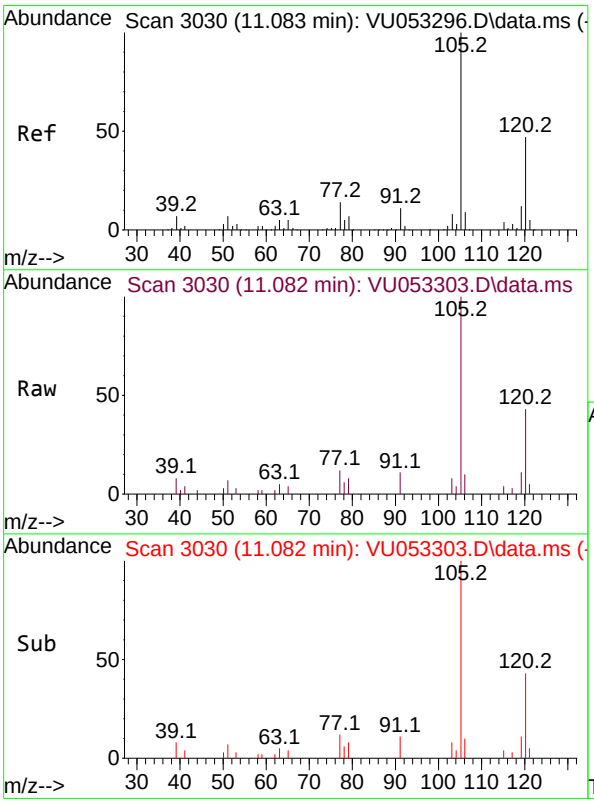
#61
Isopropylbenzene
Concen: 1.551 ug/L
RT: 10.481 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU053303.D
Acq: 20 Mar 2023 13:27

Instrument :
MSVOA_U
ClientSampleId :
E0287DL

Tgt Ion:105 Resp: 6294

Ion	Ratio	Lower	Upper
105	100		
120	25.0	20.4	30.6
77	14.1	13.0	19.4

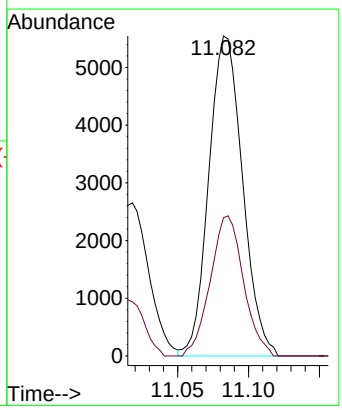


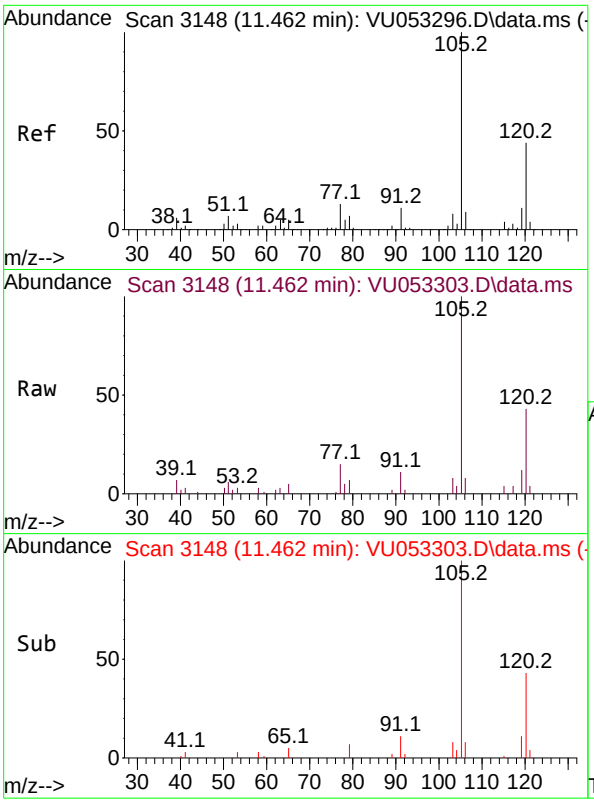


#62
1,3,5-Trimethylbenzene
Concen: 2.733 ug/L
RT: 11.082 min Scan# 3030
Delta R.T. -0.001 min
Lab File: VU053303.D
Acq: 20 Mar 2023 13:27

Tgt Ion:105 Resp: 9182

Ion	Ratio	Lower	Upper
105	100		
120	43.1	37.0	55.4



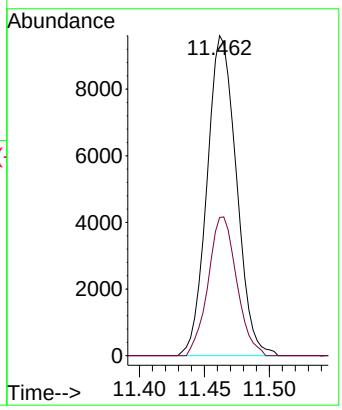


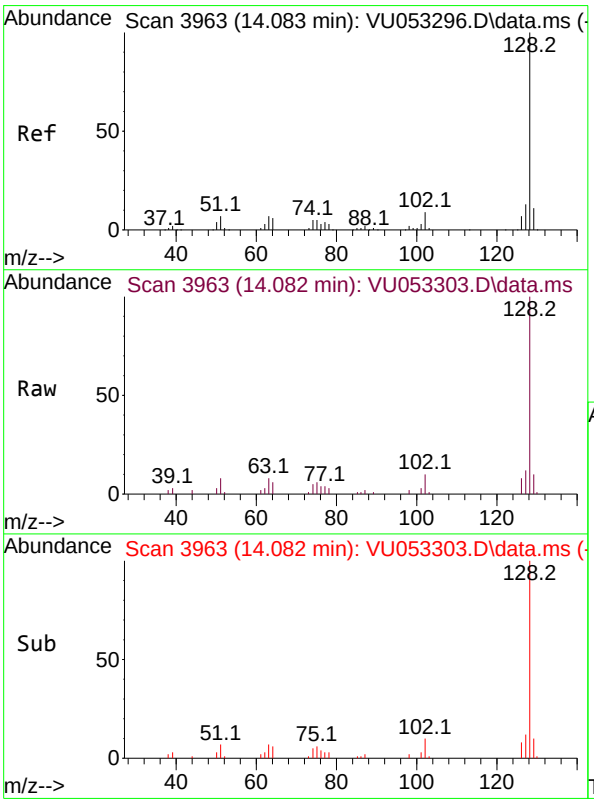
#63
1,2,4-Trimethylbenzene
Concen: 4.616 ug/L
RT: 11.462 min Scan# 3
Delta R.T. -0.001 min
Lab File: VU053303.D
Acq: 20 Mar 2023 13:27

Instrument :
MSVOA_U
ClientSampleId :
E0287DL

Tgt Ion:105 Resp: 15115

Ion	Ratio	Lower	Upper
105	100		
120	42.1	34.6	52.0





#71
Naphthalene
Concen: 7.205 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. -0.001 min
Lab File: VU053303.D
Acq: 20 Mar 2023 13:27

Tgt Ion:128 Resp: 23547

Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.0	15.0
129	10.6	8.6	13.0